

**Terrigenous Grain-Size Record of the Newfoundland Ridge Contourite Drift, IODP
Site U1411: The First Physical Proxy Record of North Atlantic Abyssal Current
Intensity during the Eocene-Oligocene Transition**

Kristin Danielle Chilton

Thesis submitted to the faculty of the Virginia Polytechnic Institute and State University in
partial fulfillment of the requirements for the degree of

Master of Science
In
Geosciences

Brian W. Romans, Chair
Benjamin C. Gill
Kenneth A. Eriksson

November 29th, 2016
Blacksburg, VA

Keywords: Paleoceanography, grain size analysis, sortable silt, Eocene-Oligocene
Transition, North Atlantic deep circulation

**Terrigenous Grain-Size Record of the Newfoundland Ridge Contourite Drift, IODP
Site U1411: The First Physical Proxy Record of North Atlantic Abyssal Current
Intensity during the Eocene-Oligocene Transition**

Kristin D. Chilton

ABSTRACT

Atlantic Meridional Overturning Circulation (AMOC) is a vital process that transfers heat and nutrients throughout the world's oceans, helping to regulate global climate and support marine ecosystems. The timing and nature of the shift to modern AMOC, and especially to deep-water formation in the North Atlantic, has been a topic of ongoing study, with the Eocene-Oligocene Transition (EOT, ~34 Ma) as a potential focal point of this shift. However, the role played by abrupt EOT cooling and Antarctic glaciation in North Atlantic circulation remains unclear. Improved constraints on Paleogene circulation will provide insight into the sensitivity of AMOC to perturbations in global climate, which is particularly relevant in light of contemporary climate change.

To examine deep North Atlantic circulation response to the EOT we obtained grain-size data from the terrigenous fraction of the mud-dominated sediments of the Southeast Newfoundland Ridge contourite drift complex at IODP Site U1411, which is interpreted to have formed under the influence of the Deep Western Boundary Current. We analyzed 195 samples that span 150 m of stratigraphy from 36-26 Ma. The main objective was to use the 'sortable silt' fraction (10-63 μm) to generate a record of relative change in bottom-current intensity. These data are complemented with a record of the abundance and size of lithogenic sand (>63 μm).

Here we present the first physical proxy record of abyssal current intensity in the North Atlantic, from late Eocene to mid Oligocene. Invigoration of North Atlantic deep circulation occurred gradually (over Myr timescales), with no significant changes linked temporally to the EOT. We infer that deep circulation in the North Atlantic was not sensitive to the abrupt global cooling and Antarctic glaciation associated with the EOT. Rather, our data suggest that changes in North Atlantic circulation were likely governed by

longer-term processes related to the opening of key tectonic gateways, such as the Greenland-Scotland Ridge in the North Atlantic, and the Drake and Tasman Passages in the Southern Ocean. Additionally, we identify a significant mid-Oligocene invigoration of North Atlantic abyssal circulation, which climaxes around 27.9 Ma, and is coeval with a decrease in atmospheric CO₂.

**Terrigenous Grain-Size Record of the Newfoundland Ridge Contourite Drift, IODP
Site U1411: The First Physical Proxy Record of North Atlantic Abyssal Current
Intensity during the Eocene-Oligocene Transition**

Kristin D. Chilton

GENERAL AUDIENCE ABSTRACT

Atlantic Meridional Overturning Circulation (AMOC) is a vital process that transfers heat and nutrients throughout the world's oceans, helping to regulate global climate and support marine ecosystems. However, AMOC has not always existed as we know it, and different modes of ocean circulation have operated in Earth's past. The timing and nature of the shift to the modern form of AMOC/global ocean circulation has been a topic of ongoing study. The Eocene-Oligocene Transition (EOT, ~34 million years ago), a period of intense global cooling and Antarctic ice sheet growth, is thought to be a potential focal point of this shift to modern ocean circulation. However, the role played by abrupt EOT cooling and Antarctic glaciation in the evolution of ocean circulation remains unclear, especially in the North Atlantic. Understanding how and why ocean circulation has changed in more recent geologic time (within the past 65 million years), and ultimately evolved into its modern state, will help us understand the processes which led to, and now maintain, Earth's modern climate state, as well as provide insight into the sensitivity of AMOC to perturbations in global climate, which is particularly relevant in light of contemporary climate change.

To examine the response of ocean circulation in the North Atlantic to climate changes at the EOT, we obtained grain-size data from the mud-dominated sediments of the Southeast Newfoundland Ridge contourite drift complex at IODP Site U1411, which is interpreted to have formed under the influence of the Deep Western Boundary Current. Contourite drifts are massive sediment build-ups on the ocean floor, which are formed due to bottom-currents depositing large amounts of sediment in one area. Therefore, contourite drift deposits can hold valuable records of bottom-current activity over millions

of years. We analyzed 195 samples that span 150 m of stratigraphy from 36-26 Ma (Ma = millions of years ago). The main objective was to use the 'sortable silt' fraction (10-63 μm) to generate a record of relative change in bottom-current intensity. These data are complemented with a record of the abundance and size of sand (>63 μm).

Here we present the first physical proxy record of abyssal current intensity in the North Atlantic, from late Eocene to mid Oligocene. We find that invigoration of North Atlantic deep circulation occurred gradually (over million-year timescales), with no significant changes linked temporally to the EOT. We infer that deep circulation in the North Atlantic was not sensitive to the abrupt global cooling and Antarctic glaciation associated with the EOT. Rather, our data suggest that changes in North Atlantic circulation were likely governed by longer-term processes related to the opening of key tectonic gateways, such as the Greenland-Scotland Ridge in the North Atlantic, and the Drake and Tasman Passages in the Southern Ocean. Additionally, we identify a significant mid-Oligocene invigoration of North Atlantic abyssal circulation, which climaxes around 27.9 Ma, and coincides with a decrease in atmospheric CO₂.

DEDICATION

This work is dedicated to my husband, Ryan. Thank you for your unwavering support, encouragement, patience, and love.

ACKNOWLEDGEMENTS

I would like to thank Brian Romans, Ben Gill, and Ken Eriksson for their guidance, patience, and generosity with their time. I would also like to thank my fellow grad students in Derring 1091 – your friendship, insight, and humor have enriched my life and helped keep me sane over the last two years.

Table of Contents

Dedication.....	vi
Acknowledgements.....	vi
1. Introduction.....	1
2. Geologic Background and Site Overview.....	3
2.1 Southeast Newfoundland Ridge and Drift Sedimentation History.....	3
2.2 Integrated Ocean Drilling Program (IODP) Exp 342 and Site U1411.....	4
3. Methods.....	7
3.1 Sortable Silt Proxy.....	7
3.2 Sample Selection and Resolution.....	8
3.3 Grain-Size Measurement and Data Processing.....	8
4. Results.....	11
4.1 Entire Study Interval (36-26 Ma).....	11
4.2 Eocene-Oligocene Transition.....	14
5. Discussion.....	18
5.1 Interpretations of bottom current activity.....	18
5.2 Paleoceanographic and paleoclimatic implications.....	19
5.2.1 Current hypotheses on EOT climate dynamics.....	19
5.2.2 Implications of this study and comparison to other records.....	20
5.2.3 Potential explanations for lack of response in North Atlantic to EOT events.....	21
6. Conclusions.....	24
References.....	26
Appendix 1: Site U1411 Grain Size Data.....	35
Appendix 2: Mean Sortable Silt vs. Abundance of Sortable Silt.....	38
Appendix 3: Grain Size Processing R Script.....	40
Appendix 4: Raw SediGraph Data.....	71
Appendix 5: Sand Grain Size Distribution Data.....	129
Appendix 6: Procedures for Acquiring Sand Grain Size Distributions Using Image Analysis Software.....	131
Appendix 7: Summary Statistics for Grain-Size Data Sub-Intervals.....	135

List of Figures

Figure 1: Bathymetric Map of the Southeast Newfoundland Ridge.....	5
Figure 2: Summary of IODP Site U1411.....	9
Figure 3: Sortable Silt and Sand Data Summary.....	13
Figure 4: Sortable Silt and Sand Data Summary Zoomed to EOT.....	15
Figure 5: Grain Size Distribution of 1-63 μm Range.....	16
Figure 6: Relative Proportions of Clay, Silt, and Sand Fractions.....	17
Figure 7: Comparison of Sortable Silt Data with Global Oxygen and Carbon Isotope Data ...	22

1. Introduction

Atlantic Meridional Overturning Circulation (AMOC) plays a significant role in global heat transfer, accounting for about one-third of the global northward heat flux [*Trenberth and Caron, 2001; Zickfeld et al., 2007*]. Opening and closing of tectonic gateways and significant shifts in global climate during the past ~50 Myr led to the development of modern AMOC, but the timing and nature of the shift to modern circulation patterns remains a topic of vigorous study, motivated by the necessity to better understand the processes that led to and maintain the Earth's modern climate state. Recent work has focused on the evolution of circulation in the North Atlantic [e.g., *Davies et al., 2001; Via and Thomas, 2006; Scher and Martin, 2008; Borrelli et al., 2014*], which functions as one of the primary regions of deep-water formation in modern, bi-polar AMOC. The North Atlantic Deep Western Boundary Current (DWBC), an abyssal current that flows southward along the eastern margin of North America, serves as the primary mode of transport for the deep, dense water masses originating at northern high latitudes [*Swallow and Worthington, 1961; McCartney, 1992; Bower and Hunt, 2000*]. Therefore, the record of the strength and location of this prominent current provides a valuable representation of the evolution of AMOC in the North Atlantic.

The Eocene-Oligocene Transition (EOT; 33.6-34.1 Ma) [*Pagani et al., 2015*] marks the largest shift in global climate during the Cenozoic, and represents the transition from early Cenozoic greenhouse conditions into the icehouse conditions that have persisted to today. This period is associated with abrupt global cooling and the onset of persistent, continental-scale glaciation of Antarctica [*Zachos et al., 2001; Coxall and Pearson, 2007; Katz et al., 2008; Lear et al., 2008; Liu et al., 2009*]. The EOT also coincides temporally with a significant reorganization of ocean circulation, indicated by a switch from a homogeneous to a heterogeneous ocean interior [*Cramer et al., 2009*], transition to a bipolar (or 'two-cold-poles') mode of deep-water formation [*Via and Thomas, 2006; Scher and Martin, 2008; Borrelli et al., 2014*], and redistribution of heat within surface waters [*Tremblin et al., 2016*]. Also roughly coeval with the EOT is the appearance of extensive erosional unconformities within the Atlantic and Southern ocean basins [*Mountain and Tucholke, 1985; Mountain and Miller, 1992; Wright and Miller, 1993*], which, along with onset of widespread drift sedimentation [*Wold, 1994; Davies et al., 2001*], suggests an invigoration of deep ocean

currents around this time. These oceanographic changes represent the transition to the modern mode of AMOC, but the primary catalyst of these changes remains a topic of debate.

There are two prevailing narratives that can be extracted from the literature to explain the global-scale changes in climate and ocean dynamics associated with the EOT:

The first narrative proposes key tectonic gateway openings in the Southern Ocean (the Drake and Tasman passages) as the primary driver of observed changes [Kennett, 1977; Kennett and Exon, 2004]. The opening of these passageways allowed unobstructed flow around Antarctica, establishing the wind-driven Antarctic Circumpolar Current (ACC). Shallow ACC flow was established by the middle Eocene [Scher and Martin, 2006; Livermore et al., 2007], and gradually deepened and strengthened throughout the late Eocene and Oligocene as the Drake and Tasman passages continued to open [Exon et al., 2004; Stickley et al., 2004; Livermore et al., 2007; Scher and Martin, 2008]. The development of the ACC led to invigorated ocean circulation by (1) enhancing removal of deep water from the ocean's interior via wind-driven upwelling, and (2) increasing export of surface and intermediate waters into the North Atlantic, which feeds deep-water formation [Toggweiler and Samuels, 1995; Cramer et al., 2009; Katz et al., 2011]. The establishment of the ACC is also credited with thermally isolating Antarctica and initiating widespread Antarctic glaciation [Kennett, 1977]. Additionally, early Oligocene deepening of the Greenland-Scotland Ridge aided in enhanced deep-water formation in the North Atlantic, contributing to abyssal circulation invigoration as well [Davies et al., 2001; Via and Thomas, 2006; Abelson et al., 2008].

The second narrative credits Southern Ocean gateway opening with a more minor role in Antarctic glaciation and oceanographic changes, and instead invokes a drawdown of atmospheric CO₂ that began in the middle to late Eocene to induce global cooling and eventually, once pCO₂ levels fell below a critical threshold, the rapid expansion of Antarctic ice-sheets [DeConto and Pollard, 2003; Pagani et al., 2005, 2011; Anagnostou et al., 2016]. Glaciation in turn led to a restructuring of ocean circulation patterns primarily due to enhanced sea-ice formation [Goldner et al., 2014], which led to both enhanced deep-water production and initiation of a proto-ACC [Gent et al., 2001; Miller et al., 2009; Lefebvre et al., 2012; Goldner et al., 2014; Ladant et al., 2014]. Circulation is also thought to have been invigorated by increased northward export of Antarctic Intermediate Water [Goldner et al., 2014], changes in Southern Ocean bathymetry due to glacial isostatic adjustment

[*Rugenstein et al.*, 2014], and by stabilization and strengthening of the southern Westerlies, causing the formation of polar frontal systems and further establishment of a proto-ACC [*Hay et al.*, 2005; *Ladant et al.*, 2014].

In summary, some workers have proposed that EOT cooling and resultant Antarctic ice-sheet growth had a significant effect on southern hemisphere ocean circulation dynamics [*Zachos et al.*, 1996; *Miller et al.*, 2009; *Lefebvre et al.*, 2012; *Goldner et al.*, 2014; *Ladant et al.*, 2014; *Rugenstein et al.*, 2014], which presumably would have propagated northward. Paleoceanographic studies conducted in the Southern Ocean report an increase in productivity [*Diester-Haass and Zahn*, 1996; *Salamay and Zachos*, 1999; *Diekmann et al.*, 2004] and erosional hiatuses roughly coeval with the E-O boundary [*Kennett and Shackleton*, 1976; *Wright and Miller*, 1993], which both may suggest an invigoration of Southern Ocean circulation during the EOT, but it remains unclear what role EOT climatic changes played in changing ocean circulation dynamics, especially in the North Atlantic. This question remains unresolved because of an absence of high temporal resolution paleoceanographic proxy studies for this time period from the North Atlantic.

This study presents the first physical proxy record of deep-ocean circulation intensity in the North Atlantic during this important shift in global climate, to determine the role played by abrupt EOT cooling and glaciation in North Atlantic circulation evolution. We present a 10-90 kyr resolution grain-size record from IODP Site U1411, of terrigenous sediments deposited by the DWBC on the northeastern flank of the Southeast Newfoundland Ridge, as a proxy for abyssal current intensity in the North Atlantic from the latest Eocene to the mid-late Oligocene (35-26 Ma). Site U1411 was drilled in 2012 during IODP Expedition 342 and contains what may be the most complete and expanded marine EOT section ever recovered by scientific ocean drilling and, thus, provides an ideal location for detailed study of this key interval. Understanding the response of North Atlantic circulation to EOT glaciation and cooling will help unravel the complex cause-and-effect relationship between changing ocean and climate dynamics.

2. Geologic background and site overview

2.1 Southeast Newfoundland Ridge and Drift Sedimentation History

Contourite drifts are accumulations of sediment deposited by or significantly affected by the action of bottom currents [Stow *et al.*, 2003], and can be subdivided into different types based on size, morphology, depth, bottom-current type, lithology, and interaction with other deep-sea depositional systems (e.g., turbidites). The Newfoundland Ridge Drift Complex (NRDC) is a large (>70,000 km² in area and up to >1 km thick), mud-dominated, deep-water contourite complex with several ‘plastered’ drifts (e.g., McCave and Tucholke, 1986; Faugères *et al.*, 1999) that formed under the influence of abyssal currents [Boyle, 2014; Norris *et al.*, 2014]. Contourites of this type are unique deep-sea deposits in that they accumulated with significantly higher sedimentation rates (typically 3-30 cm/kyr) compared to pelagic sections (<2 cm/kyr) [Stow *et al.*, 2008]. Site U1411 contains an exceptionally well preserved and expanded EOT section, with an average accumulation rate of ~5 cm/kyr during this interval [Norris *et al.*, 2014]. Elsewhere in the western North Atlantic, the EOT and the early part of the Oligocene is recorded as a hiatus and, in some area, an erosional unconformity [Mountain and Tucholke, 1985].

The Southeast Newfoundland Ridge (SENR) is a positive bathymetric feature extending southeast from the Grand Banks (Fig. 1A), and is interpreted to be a relict volcanic edifice produced by Newfoundland-Iberia rifting and plume magmatism during the Early Cretaceous [Tucholke *et al.*, 2007]. The SENR acted as a barrier to DWBC flow, inducing deposition as the current encountered the ridge and the formation of the extensive drift deposits that comprise the NRDC. The evolution of the NRDC has been split into three phases by Boyle (2014): A pre-contourite phase of pelagic sedimentation from ~115-47 Ma, an active contourite phase from ~47-3 Ma, and a late contourite phase from ~3 Ma to present.

2.2 Integrated Ocean Drilling Program (IODP) Exp 342 and Site U1411

Samples used in this study were collected during IODP Expedition 342, which targeted drift deposits in the western North Atlantic in order to obtain high-resolution multiproxy records of Paleogene climate and ocean dynamics [Norris *et al.*, 2014]. Site U1411 (41°37.1'N, 49°00'W) is situated within the NRDC on the SENR, approximately 650 km offshore Newfoundland Canada (Fig. 1). Modern water depth is ~3300 m, paleodepth is estimated to have been ~2650 m during the Late Eocene (35 Ma) and ~2850 m during the

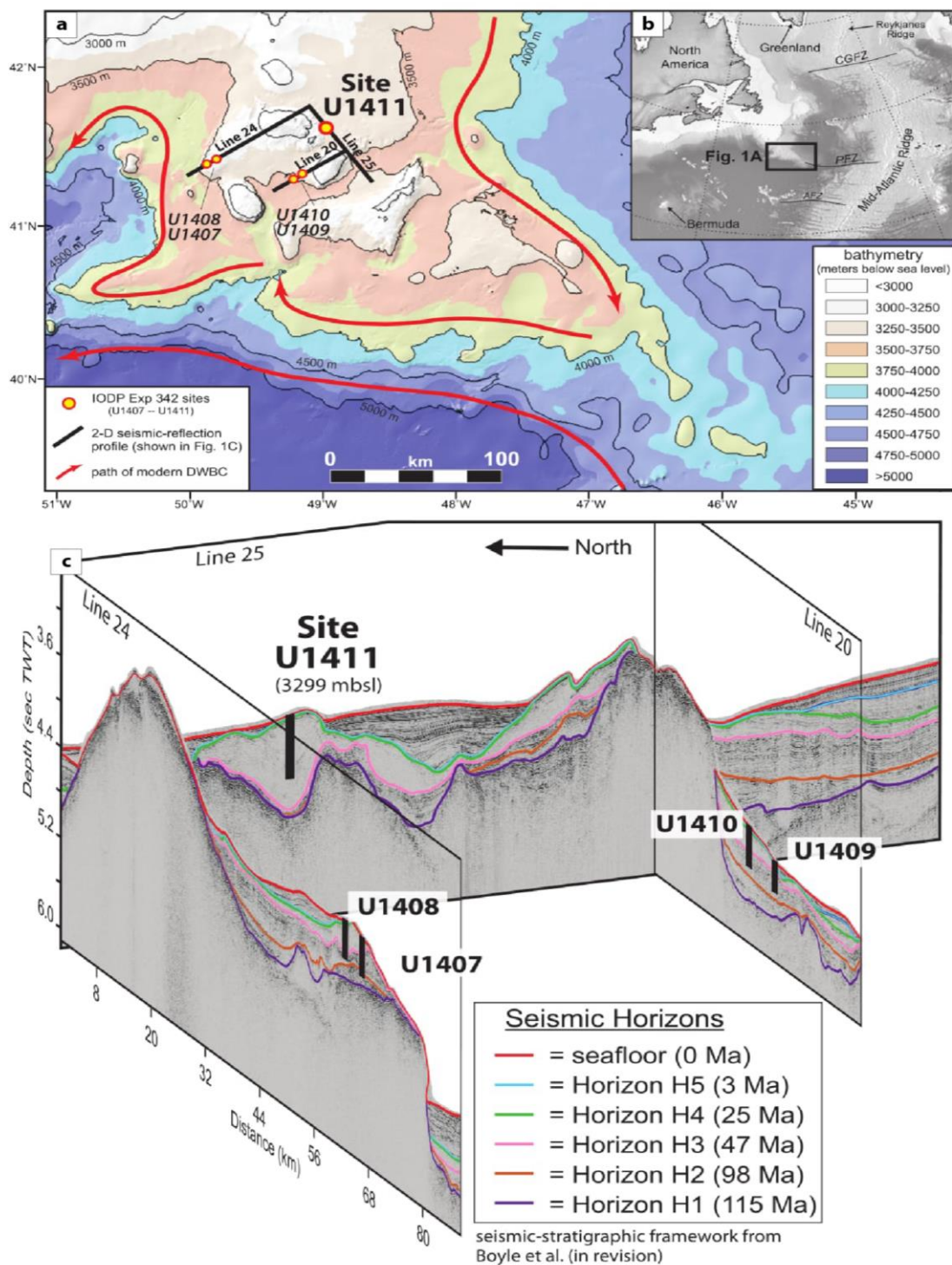


Figure 1. (a) Bathymetric map of the Southeast Newfoundland Ridge, offshore Newfoundland, Canada. Solid black lines show seismic-reflection profiles shown in part C. Red arrows show path of the modern Deep Western Boundary Current (DWBC), which consists of Labrador Sea Water in its upper part, Norwegian-Greenland Sea Overflow Water at intermediate depths, and

Antarctic Bottom Water below ~4500 m [McCave and Tucholke, 1986]. IODP Exp 342 drill sites are shown as red point with yellow centers. (b) Map of western North Atlantic Ocean showing regional bathymetric features and location of extent shown in part A. (CFGZ = Charles Gibbs Fracture Zone; PFZ = Pico Fracture Zone; AFZ = Atlantic Fracture Zone.) Bathymetric base map for A and B from GeoMapApp (<http://www.geomapapp.org>). (C) Perspective image of seismic-reflection lines 20, 24, and 25 highlighting location of IODP Site U1411. Seismic-reflection data acquired by Norris et al. (2004) and seismic-stratigraphic framework from Boyle [2014] .

Middle Oligocene (25 Ma) [Norris *et al.*, 2014]. General lithology of the 170 m thick study interval consists of silty clay, clay with nannofossils, silty nannofossil clay, and clayey nannofossil ooze with silt, all of which are bioturbated [Norris *et al.*, 2014].

3. Methods

3.1 Sortable Silt Proxy

We employ the sortable silt proxy for bottom-current flow speed proposed by *McCave et al.* [1995] to infer changes in DWBC intensity during the study interval (35-26 Ma). The mean grain size of the 10-63 μm terrigenous fraction ($\overline{SS}$) of clay-rich deposits is considered a reliable indicator of relative flow speed [Bianchi *et al.*, 2001; Hall *et al.*, 2001; *McCave and Hall*, 2006]. The proxy is based on the fundamental sedimentological principle that particle size is a reflection of transport energy at the time of deposition. Coarser $\overline{SS}$ values indicate faster flow speed, as do larger amounts of sortable silt sized material within the bulk sediment ($SS\%$) [McCave *et al.*, 1995, 2006]. The rationale behind the proxy considers the cohesive behavior of clay and fine silt ($<10\ \mu\text{m}$), which poses a problem for the use of fine sediments as flow speed proxies. Particle aggregates can be transported and deposited in higher energy conditions than the primary particles which they consist of, but it is the size of individual particles that is measured in the laboratory, not the size of the aggregates they may have been a part of at the time of deposition. Therefore, the lower size limit on the particles used for the proxy is set at 10 μm , above which particles normally exhibit non-cohesive behavior (i.e., are transported and deposited as individual particles and, thus, sorted by the current), and so provide the most accurate record of energy conditions at the time of deposition [McCave *et al.*, 1995].

Limitations and assumptions must be considered before the $\overline{SS}$ proxy can be applied with confidence [McCave and Hall, 2006]. Migration of bedforms (large-scale mudwaves are common within drifts; e.g., Flood, 1988) over a single location can produce changes in the grain-size distribution at that location that are unrelated to changes in current vigor. This is due to the spatial variability in grain size across a bedform profile (e.g., coarser sediment on

downcurrent side, finer on upcurrent side [McCave and Hall, 2006]). Seismic-reflection profiles of Site U1411 suggest that this is not an issue for our study, as there are no visible large-scale bedforms in the drilled part of the drift (Fig. 1). Flow speeds may also vary within the current itself due to local interactions with bathymetric obstacles (e.g., seamounts) and eddies. Therefore, lateral and vertical shifts in the position of the current can result in changes in energy conditions (and associated grain-size distribution) at a given location that are unrelated to shifts in overall current strength. Also problematic is the potential for input of sediment transported by other mechanisms, such as ice rafting or turbidity currents. Since this additional sediment does not experience sorting by the current and cannot be distinguished from the current-sorted sediment, it clearly presents a challenge for the application of grain size as a proxy for current speed, though statistical un-mixing methods have been proposed [Weltje and Prins, 2007; Jonkers *et al.*, 2015]. At Site U1411, there is no evidence for the presence of turbidity current deposits, which is expected due to the bathymetric isolation of the ridge from downslope sediment transport from the adjacent Grand Banks [Norris *et al.*, 2014].

3.2 Sample Selection and Resolution

195 samples of 10 cm³ were selected from sediment cores from Site U1411 for particle size analysis. Samples span a depth range of 26-196 m (CCSF scale; equivalent to composite meters below seafloor), corresponding to an approximate age range of 26-36 Ma, with a higher sampling density within the EOT interval (33.6-34.1 Ma; Fig. 2). Temporal resolution ranges from 10 kyr to 90 kyr, with the highest resolution over the EOT interval (Fig. 2). Ages were determined by linear interpolation between abundant biostratigraphic and magnetostratigraphic age datums identified by Norris *et al.* [2014].

3.3 Grain-Size Measurement and Data Processing

A Micromeritics SediGraph 5100 was used to generate grain-size distributions of the 1-63 μm terrigenous fraction. The SediGraph directly measures particle settling velocity and therefore, by Stoke's law, particle size, within an x-ray monitored suspension chamber, and is the preferred method for analysis of clay-rich sediments [McCave *et al.*, 2006]. Estimates

Site U1411 Summary

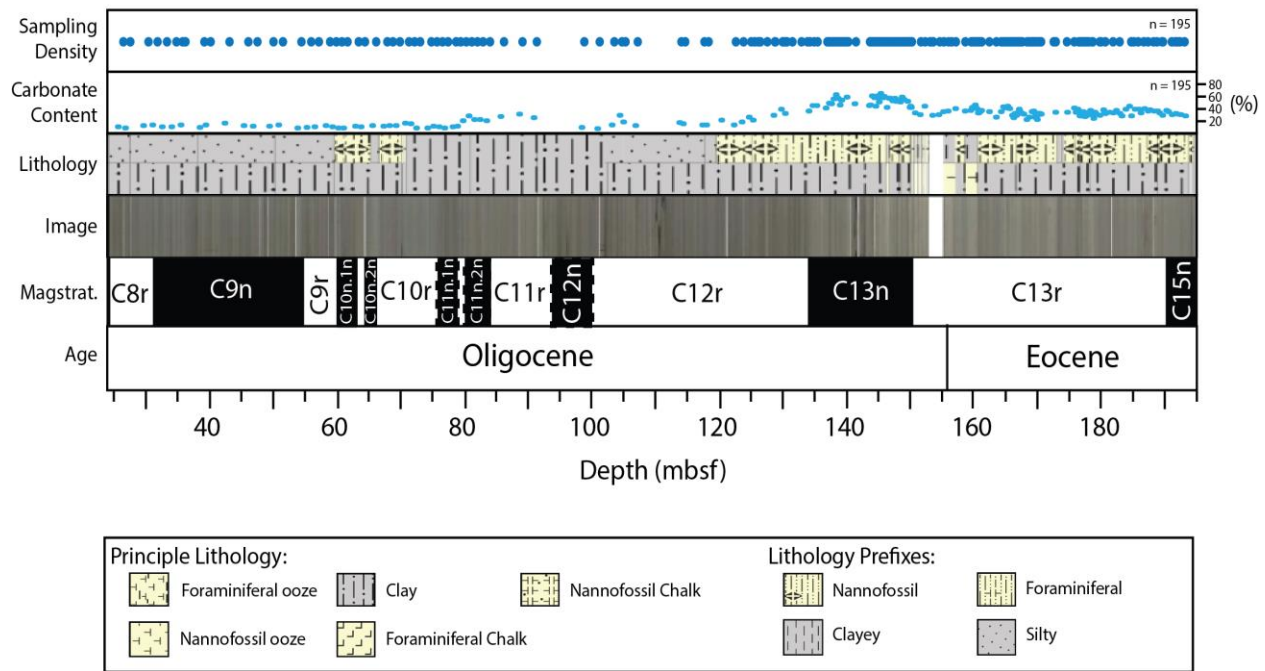


Figure 2. Summary of Site U1411, showing sampling density, carbonate content, lithology, core image*, magnetostratigraphic age datums**, and depth [Norris et al., 2014].

*Gap in core image and lithology diagram is present only in Hole B. Hole C was continuous through this interval.

**Dashed chron boundaries represent approximate location of boundaries not identified in core.

of analytical precision of SS% and $\overline{SS}$ measured by the SediGraph are $\pm 9\%$ and $\pm 2\%$, respectively, for the amount of sortable silt sized material in our samples [Bianchi *et al.*, 1999]. In order to isolate the terrigenous fraction, carbonate was removed following the procedures of *Nicolo and Dickens* [2006], during two-hour sessions of digestion in a 25% acetic acid solution, performed twice, during which samples were constantly agitated on a rocking table.

Following decarbonation and prior to SediGraph analysis, samples underwent a series of processing procedures: Samples were freeze-dried, weighed to determine mass percentage of carbonate fraction that was removed, re-hydrated using deionized water, and then sieved at 63 μm . The coarse fraction was left to dry on the sieve in a 60°C oven, then weighed to determine mass percentage of >63 μm fraction (Sand %). The fine (<63 μm) fraction was left to settle for five days, at which point excess water was siphoned off and samples were freeze dried again. A 1.0 g split of each fine fraction was taken for analysis in the SediGraph. Immediately prior to input into the SediGraph, each sample was dispersed in 65 mL of 0.5% Tetrasodium Pyrophosphate solution and sonicated for 15 minutes at 40 kHz to aid in disaggregation.

Once samples were run through the SediGraph, data were imported into R (<http://r-project.org>) for processing with customized scripts (Appendix 3). Raw data were mathematically corrected to account for cumulative distribution function (CDF) values >1.0 and occasional negative slopes along the CDF curve, which resulted from SediGraph measurement. This correction was accomplished by importing the raw CDF values, converting these to probability density function (PDF) values by computing the difference (grain size is treated as a discrete random variable rather than a continuous variable due to binning), shifting of all negative values to zero, and then applying a correction factor which constrains the CDF values to 1.0. Statistics were then computed based on the corrected PDF values. Moving averages for $\overline{SS}$ and SS% were calculated by computing the average of the eight surrounding values for each data point.

4. Results

4.1 Entire Study Interval (36-26 Ma)

Sortable silt and sand data both display a long-term coarsening trend throughout the entire study interval (Fig. 3a-e). This secular trend is punctuated by several sub-intervals:

Initial stable interval (36-33.67 Ma): The beginning of the data set through the EOT represents a period of little to no change in $\overline{SS}$, $SS\%$, and Sand % values. Through this interval, $\overline{SS}$ values remain near 21 μm (Fig. 3a, b), $SS\%$ near 8 wt. % (Fig. 3c, d), and Sand % at zero (Fig 3e).

Transitional interval (33.67-33.25 Ma): After the EOT, grain-size characteristics change non-synchronously over a ~ 425 kyr period, beginning with the onset of appreciable sand accumulation at ~ 33.67 Ma. Prior to this period, sand abundance remained consistently at 0%, but begins to fluctuate between 1-3% in this interval. Next, near 33.4 Ma, $\overline{SS}$ values make a shift from the initial stable interval to a second stable state, but with consistently higher values, and an increase in the mean values by ~ 2 μm . The transitional interval is capped by a similar shift in $SS\%$ values that occurs at ~ 33.25 Ma. Here, $SS\%$ values display a step-like increase between two relatively stable periods, the second being slightly coarser than the first (~ 2 percentage points on average).

Second stable interval (33.25-29.5 Ma): All metrics remain relatively constant through this interval. $\overline{SS}$ values remain near 23 μm , $SS\%$ near 10 wt. %, and Sand % between 1-3 wt. %.

Coarsening interval (29.5-27.9 Ma): All metrics display an abrupt increase near 29.5 Ma lasting until ~ 27.9 Ma. $\overline{SS}$ values increase by ~ 6 μm , $SS\%$ values increase by ~ 6 percentage points, and Sand % increases by ~ 23 percentage points over this 1.6 Myr interval. Peak values are ~ 28 μm , ~ 15 wt. %, and ~ 25 wt. % for $\overline{SS}$, $SS\%$, and Sand %, respectively, representing the coarsest portion of the entire study interval (peak values for $\overline{SS}$ and $SS\%$ are based on moving average plots).

Fining interval (27.9-26 Ma): The remainder of the study interval is characterized by a decreasing trend in all size fractions and metrics, though values remain relatively high. This interval is more gradual than the preceding coarsening interval. $\overline{SS}$ decreases by ~ 6 μm

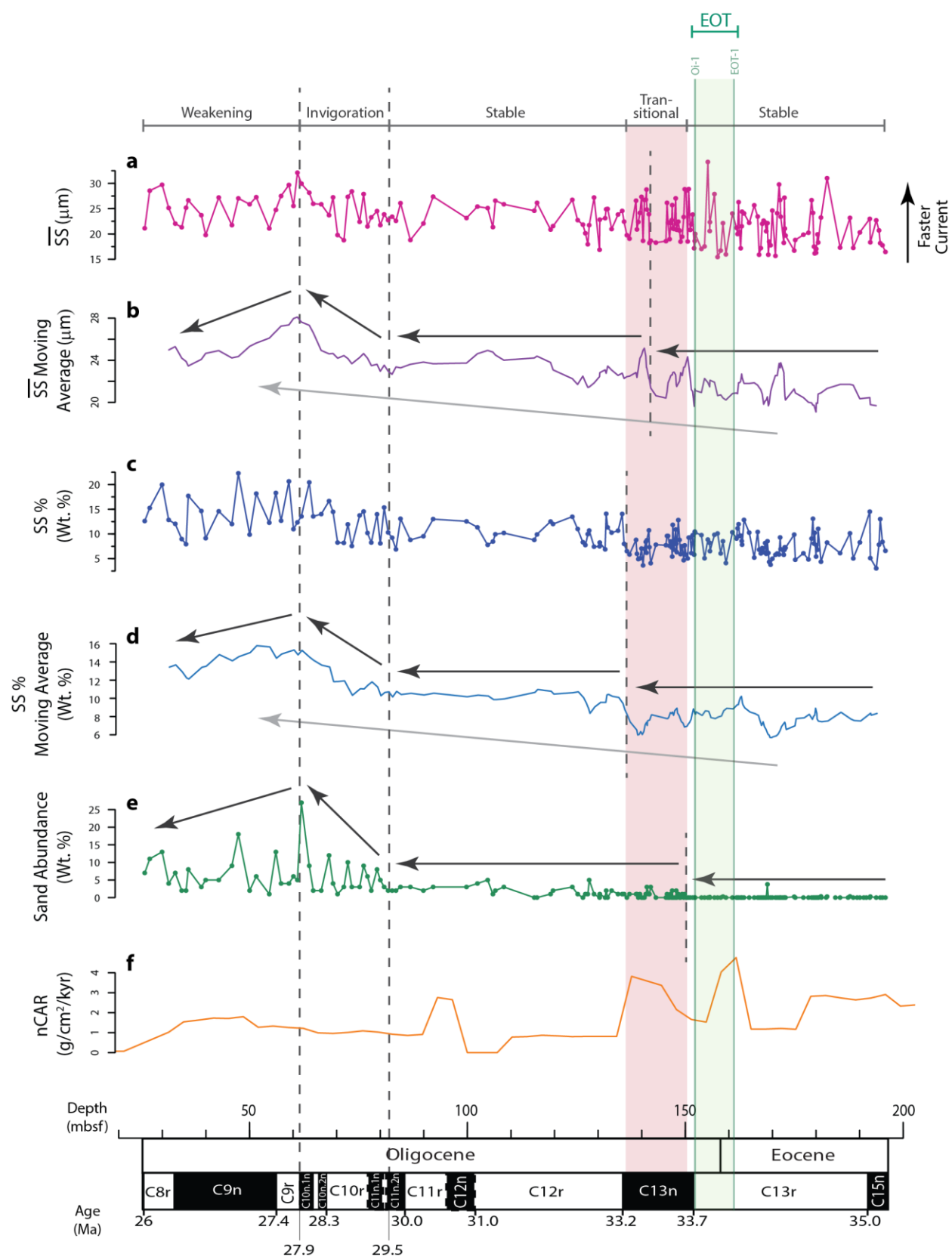


Figure 3. *Sortable Silt and Sand Data Summary. Arrows indicate interpreted variations in current strength, which divide the study interval into five sub-intervals (from old to young: stable, transitional, stable again, invigoration, and weakening). Ages for EOT-1 and Oi-1 after Armstrong McKay et al. 2016 and Coxall and Wilson 2011, respectively. (a) Mean sortable silt data. (b) Eight-point moving average of mean sortable silt data. (c) Abundance of sortable silt. (d) Eight-point moving average of sortable silt abundance. (e) Abundance of sand. (f) Non-carbonate accumulation rate [Norris et al., 2014].*

(nearly returning to previous values), $SS\%$ decreases by ~ 3 percentage points, and Sand % decreases by ~ 18 percentage points over a period of ~ 1.9 Ma.

The range of $\overline{SS}$ values within our data set (overall range of 15-34 μm) is significantly greater than is commonly seen in applications of the sortable silt proxy, in which values typically vary by only 5-8 μm , though most sortable silt-based studies are conducted at higher resolutions over much shorter timescales, often just tens to hundreds of thousands of years (e.g., *Bianchi and Mccave*, 1999; *Bianchi et al.*, 2001; *Gröger et al.*, 2003; *Hall et al.*, 2004; *Thornalley et al.*, 2013). Sortable silt abundance ranges from 3-22 Wt. %, and sand abundance ranges from 0-25 Wt. %. Summary statistics for each sub-interval outlined above can be found in Appendix 7.

Size distribution data of the full 1-63 μm range are shown in Figure 5. The positive long-term trend identified in the $\overline{SS}$ and $SS\%$ data appears here as a general coarsening over time, including both an increase in amount of coarse material and its size. The onset of this coarsening trend may occur just before the Eocene/Oligocene boundary, though the precise onset is unclear due to temporal limits of the data set (our core recovery in Site U1411 below our deepest sample results in our data set not capturing the earliest stages of bottom current activity at this location), which makes it difficult to establish a baseline of the coarse material prior to the EOT. This coarsening trend, primarily the shift to greater amounts of coarse silt and sand-sized material, is particularly visible in Figure 6, which shows the relative proportions of clay, silt, and sand fractions over the study interval. Silt-sized material increase in relative abundance throughout the entire study interval, and the increase in sand abundance begins just after the EOT. Although the abundance of sand overall increases through the section (Fig. 6), the size of the sand (very fine sand; mean size ~ 200 -250 μm) does not vary systematically (see Appendices 5 and 6 for methods and results of sand size analysis).

4.2 Eocene-Oligocene Transition

Figure 4 displays sortable silt and sand data expanded over the EOT interval, including the latest Eocene and early Oligocene (36-31 Ma). There is little to no change in sortable silt or sand data within the EOT (Figs. 4a-e). $\overline{SS}$ data (Fig. 4a) display a single

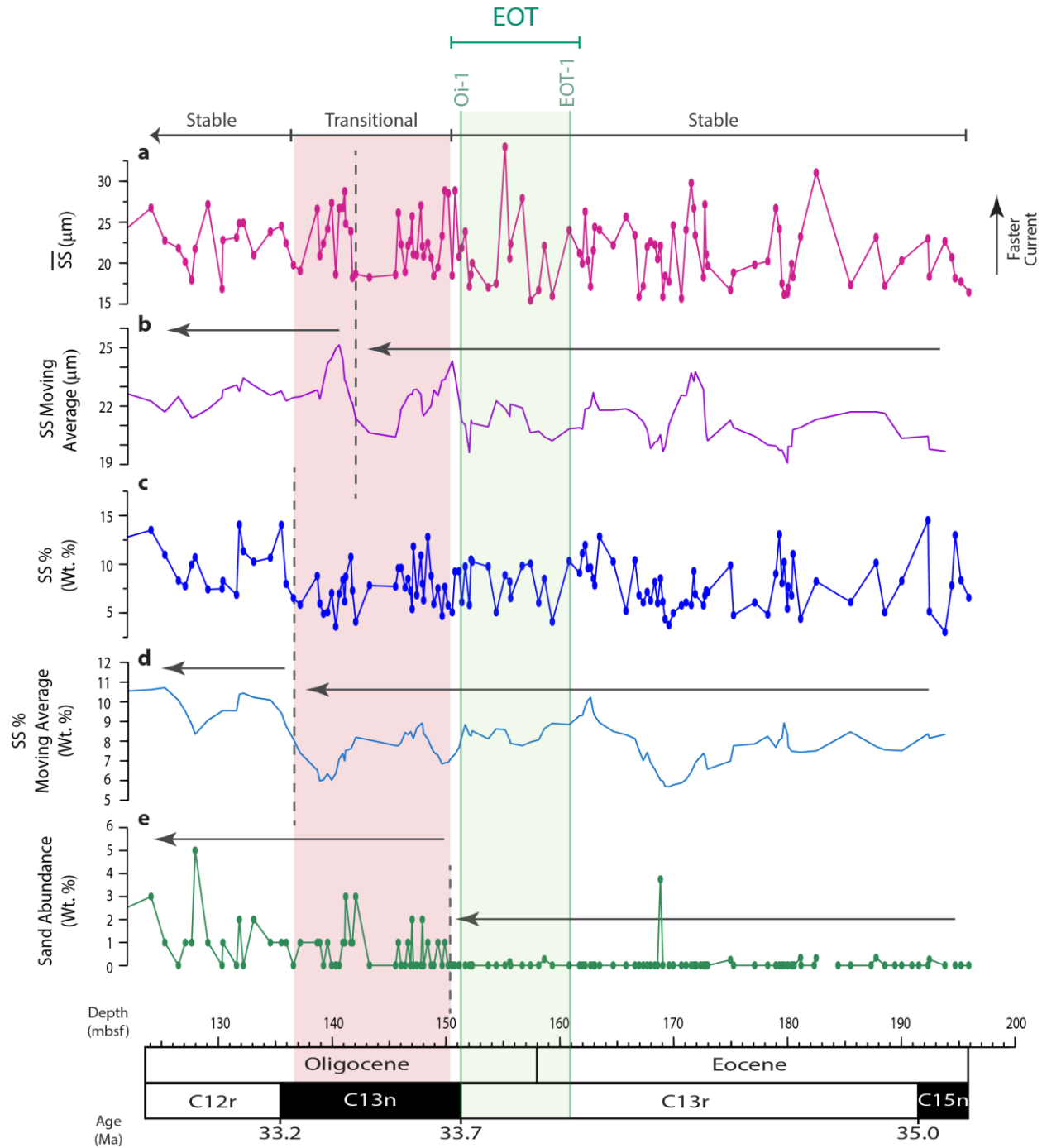


Figure 4. Sortable Silt and Sand Data Summary Zoomed to EOT. Arrows indicate interpreted variations in current strength. Ages for EOT-1 and Oi-1 after Armstrong McKay et al. 2016 and Coxall and Wilson 2011, respectively. (a) Mean sortable silt data. (b) Eight-point moving average of mean sortable silt data. (c) Abundance of sortable silt. (d) Eight-point moving average of sortable silt abundance. (e) Abundance of sand.

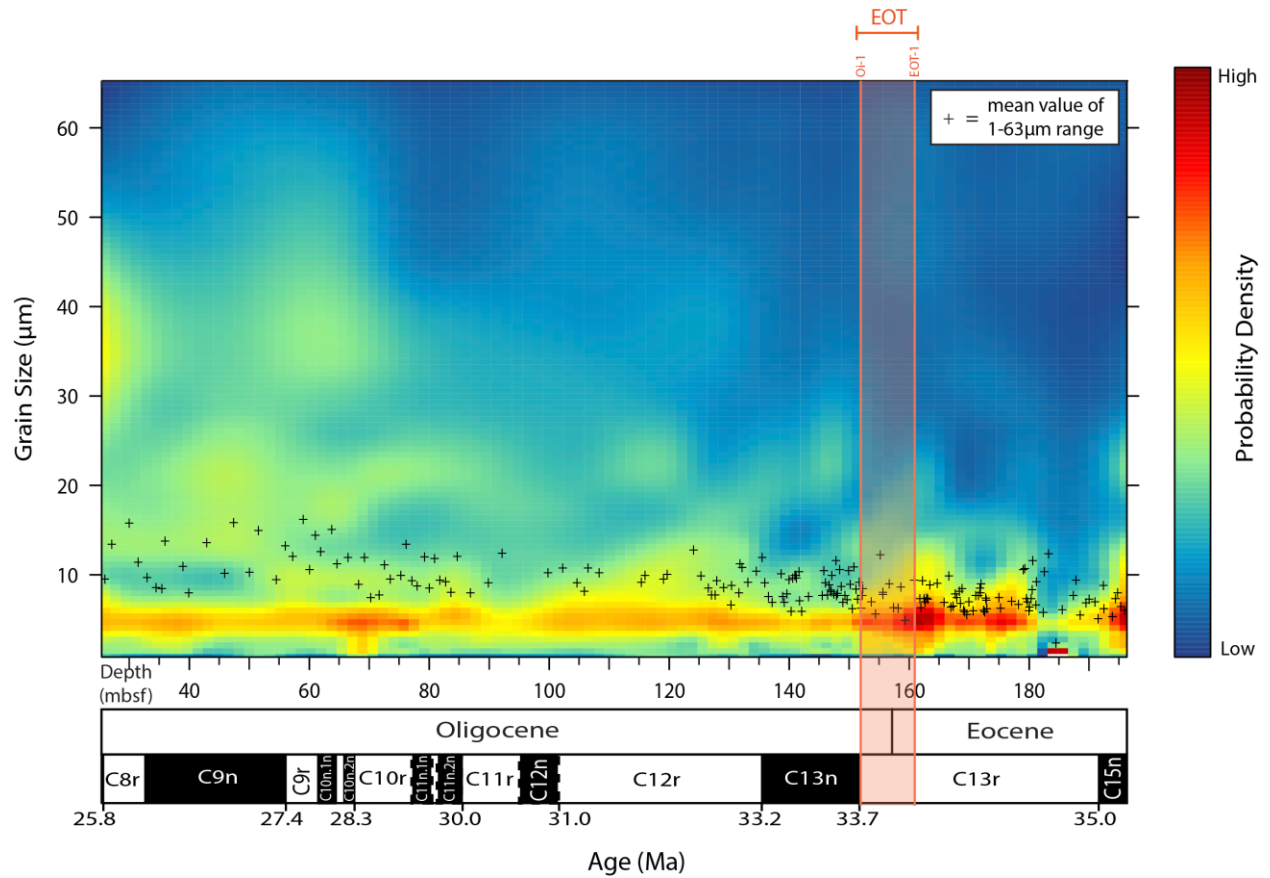


Figure 5. Grain size distribution of 1-63 μ m range. Hot colors represent a higher density of corresponding grain size on left vertical axis. Samples are dominated by clay (~75% by mass). Note increase in proportion of coarser silt (more yellow color) in the shallower/younger part of the core, representing a long-term coarsening trend, which extends throughout the study interval.

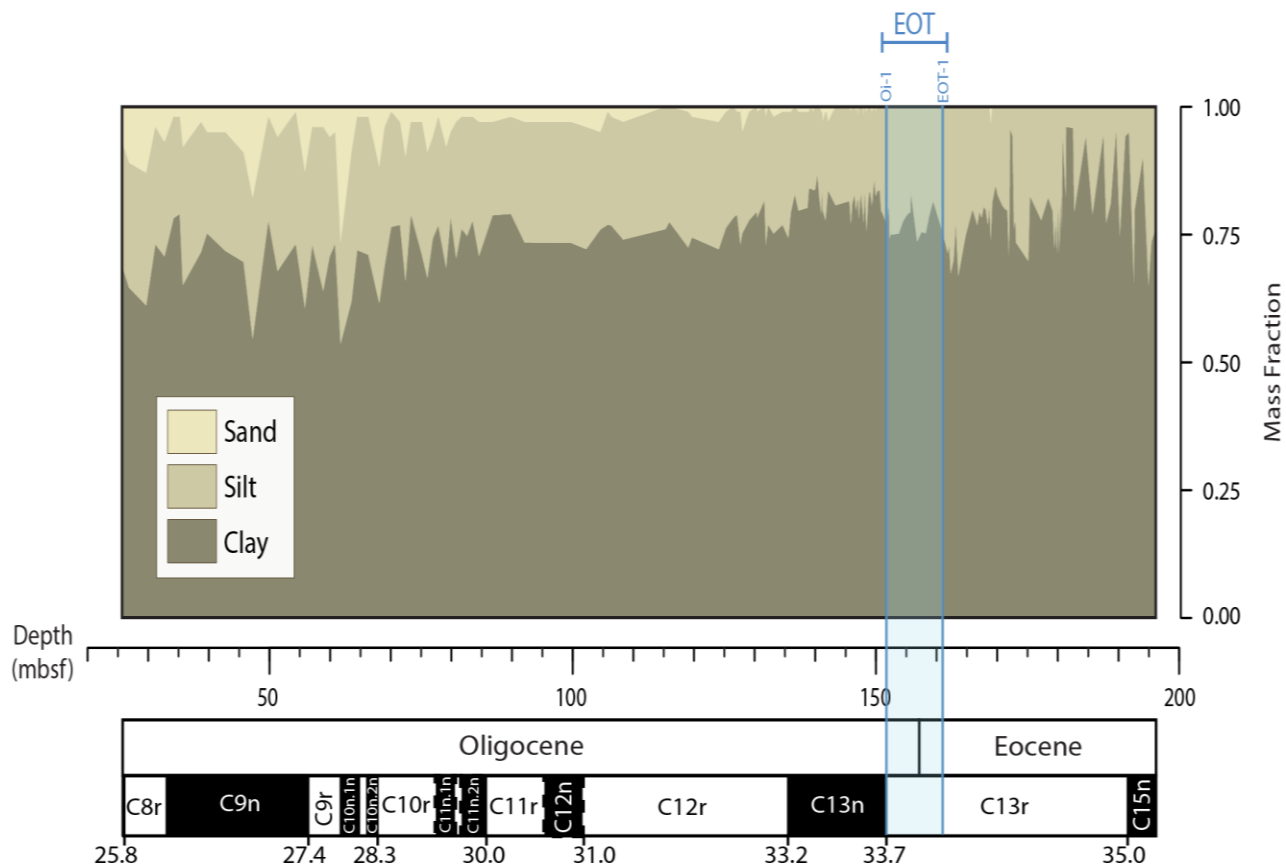


Figure 6. *Relative proportions of clay, silt, and sand fractions.*

transient peak between EOT-1 and Oi-1 [Coxall and Wilson, 2011; Armstrong McKay et al., 2016] which extends well above surrounding peaks, but we do not consider single data points to be reliable indicators of changing current dynamics, and so do not include this peak in our interpretations. The transitional period discussed above occurs just after the EOT, beginning <50 kyr after Oi-1.

5. Discussion

5.1 Interpretations of bottom current activity

The systematic coarsening trend in our terrigenous grain size records suggests a gradual, continuous strengthening of the DWBC over the entire study interval. This long-term trend is broken down into five key intervals. The first interval, extending from 36-33.67 Ma, records a period of relatively stable circulation intensity. The subsequent ~425 kyr long transitional period (33.67-33.25) contains positive shifts in all grain size metrics, but these did not occur synchronously, indicating a complex period of change in circulation dynamics that is not well pronounced, but represents a transition to overall higher intensity. Subsequent to this transitional period, current intensity regained stability but shifted to a permanently higher intensity, and remained consistent from 33.25-29.5 Ma. Following this period of relative stability is a clear and abrupt intensification period (29.5-27.9 Ma), which climaxes at the coarsest values of the entire data set, suggesting a significant strengthening and shift in current dynamics over this interval. This peak in current strength was then followed by a more gradual period of weakening that lasts through the remainder of the study interval (27.9-26 Ma).

Drift deposition is interpreted to have begun as early as ~47 Ma based on borehole-constrained seismic-stratigraphic mapping [Boyle, 2014; Norris et al., 2014]; thus, the current was well established by the beginning of our record, indicated by the presence of a significant proportion of terrigenous material. This long-term strengthening is also reflected in the non-carbonate (i.e., terrigenous) mass accumulation rate data for site U1411 (nCar, Norris et al., 2014; Fig. 3f), which shows a long-term decrease in terrigenous sedimentation rate beginning at ~34 Ma. This suggests that clay remained in suspension and, thus, bypassed the site due to intensification of flow speeds.

5.2 Paleooceanographic and paleoclimatic implications

5.2.1 Current hypotheses on EOT climate dynamics

The EOT marks the largest shift in global climate during the Cenozoic, and is characterized by global cooling, Antarctic ice-sheet (AIS) growth, and a restructuring of global ocean circulation patterns [Coxall and Pearson, 2007]. Two major hypotheses attempt to explain the cause of these changes: (1) tectonic gateway opening in the Southern Ocean led to development of the ACC, which reorganized and invigorated global ocean circulation and induced glaciation of Antarctica via thermal isolation, and (2) drawdown of atmospheric $p\text{CO}_2$ below a critical threshold caused abrupt AIS growth, which invigorated ocean circulation via enhanced deep-water production and northward export of surface and intermediate waters.

These two proposed drivers of the EOT have been difficult to test as the intricate complexity of the ocean-climate system makes cause and effect relationships challenging to unravel with certainty. The main difference between the two hypotheses is the timescale over which the changes likely occurred. The first explanation requires changes in ocean circulation to occur over tectonic timescales ($\geq 10^6$ yr), as the factors governing change (i.e., ACC development) are governed by tectonic activity. The second hypothesis, however, in which abrupt continental-scale Antarctic glaciation is primarily responsible for restructuring ocean circulation patterns, requires a similarly abrupt change in the oceans. Ice sheet expansion is thought to have occurred rapidly [DeConto and Pollard, 2003; Coxall *et al.*, 2005; Miller *et al.*, 2009; Coxall and Wilson, 2011], with the majority of continental-scale AIS growth occurring during the second, 40 kyr step in $\delta^{18}\text{O}$ values (Oi-1) associated with the EOT [Katz *et al.*, 2008; Lear *et al.*, 2008; Coxall and Wilson, 2011]. Given the abrupt nature of continental-scale Antarctic glaciation, the changes produced in the oceans would presumably have occurred at similar timescales, at least in the Southern Ocean. It is unclear whether the changes that occurred in the Southern Ocean would have propagated into the North Atlantic. Today, these two basins are sensitively connected to one another [Toggweiler and Samuels, 1995], but a slightly different ocean basin configuration and mode of circulation in the mid-Cenozoic may have precluded this connectivity at that time.

5.2.2 Implications of this study and comparison to other records

Our data show that invigoration of North Atlantic deep circulation occurred gradually, over Myr timescales, and with no significant or abrupt changes coincident with the EOT (Figs. 3, 4, and 5). We interpret this to indicate that southern hemisphere glaciation at the EOT did not produce significant and immediate changes in North Atlantic deep circulation, and therefore suggests that tectonic drivers were more likely the major driver in North Atlantic circulation changes. Relevant tectonic events include the opening of the Drake Passage and Tasman Passage in the Southern Ocean, allowing a proto-ACC to develop, which has been linked to the strength of deep-water production in the North Atlantic [Toggweiler and Samuels, 1995; Scher and Martin, 2008; Katz *et al.*, 2011]. Deep-water exchange through the ACC likely did not occur until the late Oligocene [Barker and Thomas, 2004; Stickley *et al.*, 2004; Pfuhl and McCave, 2005; Lyle *et al.*, 2007], though Katz *et al.* [2011] and Borrelli *et al.* [2014] both suggest that a much shallower late Eocene/early Oligocene ACC was still capable of affecting deep circulation. Also important is the development of deep-water exchange between the Nordic Seas and the North Atlantic ocean basin [Via and Thomas, 2006]. The timing of the development of a deep connection between these two basins is debated [Berggren and Schnitker, 1983; Miller and Tucholke, 1983; Wold, 1994; Wright and Miller, 1996], but Davies *et al.* [2001] presents evidence of deep-water exchange by the early Oligocene.

Our findings are in agreement with other studies that proposed a gradual invigoration of North Atlantic deep circulation linked to tectonic evolution of ocean basins during the late Paleogene. For example, Scher and Martin [2008], using neodymium isotope analyses, found evidence for a steady increase of Northern Component Water (deep water formed in the North Atlantic) export to the Southern Ocean throughout the Oligocene, which they link to coeval ACC maturation. Via and Thomas [2006], also utilizing neodymium isotopes, found evidence for a gradual increase in the contribution of deep water from the North Atlantic into the South Atlantic through the Oligocene, which they suggest is due to tectonic deepening of the Greenland-Iceland-Faeroes Ridge.

There is a distinct intensification period of abyssal circulation identified in our data from 29.5-27.9 Ma, which occurs too long after the EOT to be a result of the onset of significant Antarctic glaciation, but does coincide with the beginning of a long-term

decreasing trend in atmospheric CO₂ levels reconstructed from ODP Site 925 in the equatorial Atlantic Ocean [Zhang *et al.*, 2013] (Fig. 7). This supports hypotheses that an inverse relationship exists between atmospheric CO₂ concentrations and the strength of ocean circulation [Washington and Meehl, 1989; Gregory *et al.*, 2005; Miller *et al.*, 2009].

5.2.3 Potential explanations for lack of response in North Atlantic to EOT events

A possible explanation for the lack of response of North Atlantic circulation to significant climatic cooling and Antarctic glaciation at the EOT is that glaciation of Antarctica was not as abrupt as has been interpreted. Hay *et al.* [2005] proposed that the sharp oxygen isotope excursion observed at the EOT was only partially driven by the initiation of ice sheet development on Antarctica, and that large-scale glaciation (capable of significantly altering ocean circulation patterns) occurred much more gradually. If Antarctic glaciation was more gradual, the expected response in the oceans would potentially also be gradual in nature (a result of stabilization of the Westerlies and establishment of the wind-driven ACC. Hay *et al.* [2005] suggests that while glaciation of Antarctica initiated at the Eocene-Oligocene boundary, widespread Antarctic glaciation did not occur until much later, and generated the Marshall Paraconformity, which is mid-Oligocene in age and corresponds to a global fall in sea level [Haq *et al.*, 1988]. However, most oppose the idea of a slow-spreading Antarctic ice sheet, and interpret the much earlier global sea level fall (corresponding in age to Oi-1) as marking abrupt continental-scale Antarctic glaciation [Miller *et al.*, 2009].

Additionally, one of the proposed mechanisms of AIS-induced invigoration of ocean circulation is an increase in deep-water production in the Southern Ocean [Miller *et al.*, 2009; Goldner *et al.*, 2014; Ladant *et al.*, 2014]. However, the significance of this process may be overstated. Modern AMOC is thought to be driven predominantly by wind-driven upwelling and vertical mixing, while deep-water production plays a minor role [Toggweiler and Samuels, 1998; Kuhlbrodt *et al.*, 2007; Cramer *et al.*, 2009]. If these were the same driving processes that operated in the middle Cenozoic to initiate modern AMOC, one would expect that enhanced deep-water production in the Southern Ocean would not have had a major effect on circulation intensity. Rather, the establishment of stable Westerly winds, which drive the ACC and its associated upwelling, would have been a much more significant factor in the development and initiation of modern-like AMOC and “spinning up” of the oceans

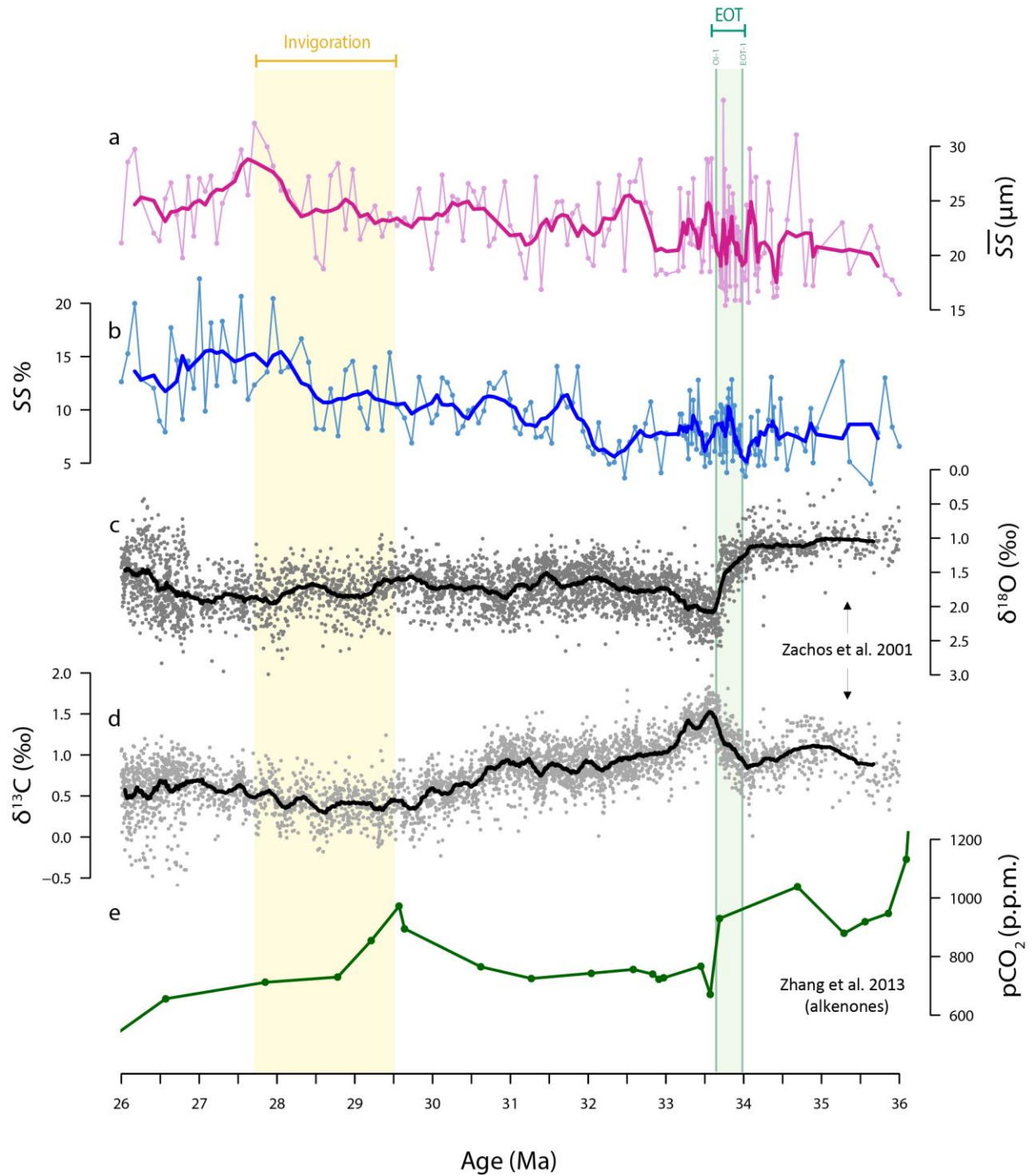


Figure 7 – Comparison of sortable-silt data (a, b) with (c) global oxygen isotope data [Zachos et al., 2001], (d) global carbon isotope data [Zachos et al., 2001], and (e) atmospheric CO₂ data from ODP site 925, which compares well to global compilations [Zhang et al., 2013]. Interpreted invigoration period in yellow, which coincides with a fall in pCO₂.

during the EOT. So, while the Westerlies may have become stable at the time of Antarctic glaciation [Hay *et al.*, 2005], their full potential influence on AMOC may not have been achieved until the ACC reached greater depth of flow, which was controlled by tectonic gateway opening. Therefore, the influence of the Westerlies on ocean circulation was subject to tectonic timescales, even given the abrupt nature of EOT Antarctic glaciation. If so, this could explain the lack of a significant perturbation synchronous with the EOT in our North Atlantic data, as well as the long-term strengthening trend observed in our data.

A more speculative explanation for the lack of response of North Atlantic circulation to EOT events is simply that the ocean basins were configured differently during this time, and this impacted ocean connectivity. For example, the Tethys Seaway and the Central American Seaway were both still open during the EOT, and the eventual closure of each is thought to have had a significant impact on AMOC [Haug and Tiedemann, 1998; Zhang *et al.*, 2011; Hamon *et al.*, 2013]. It is possible that the configuration of the ocean basins during the EOT did not allow for the connection between the Southern and North Atlantic oceans that exists today, which would explain the lack of response in the North Atlantic to perturbations in the Southern Ocean.

Alternatively, the ambiguous transitional period occurring just after Oi-1 in our data (Figs. 3 and 4) could be interpreted as the signal of a subtle response to changes in Southern Ocean circulation at the EOT that were muted as they propagated northward. The grain size changes in this interval do suggest a minor strengthening of abyssal circulation, however the low magnitude and non-synchronicity of these changes do not seem to support the hypothesis that they are a result of widespread and abrupt Antarctic glaciation, but rather are a result of some smaller-scale forcing, perhaps within the North Atlantic basin, such as the hypothesized early-Oligocene pulse of North Atlantic Deep Water (NADW) [Miller and Fairbanks, 1985; Davies *et al.*, 2001; Via and Thomas, 2006]. Additionally, this alternative interpretation would be in contrast to Armstrong McKay *et al.* [2016] and Zachos and Kump [2005], who discuss the unlikelihood of EOT events producing a sustained invigoration of ocean circulation, but instead advocated for a transient response. The transitional period in our data culminates in a long-term shift to a higher level of circulation intensity, suggesting it is a result of a longer-lived driver.

It is also important to note that there are no direct proxy data of Southern Ocean circulation intensity during the EOT, and so there is little evidence, aside from roughly coeval hiatuses [Kennett and Shackleton, 1976; Wright and Miller, 1993; Ramsay et al., 1994], for a significant invigoration of circulation in the Southern Ocean. It is possible that the actual response in the Southern Ocean to EOT cooling and glaciation was more subtle, and therefore unlikely to translate to a detectable response in the North Atlantic. However, this seems counterintuitive when considering the magnitude of the changes which occurred in the Southern Hemisphere during the EOT.

6. Conclusions

We have reconstructed deep ocean circulation intensity at IODP Site U1411 in the western North Atlantic from the latest Eocene to the mid-late Oligocene (36-26 Ma), using terrigenous grain size analysis of the sortable silt and sand fractions of contourite drift sediments from the Southeast Newfoundland Ridge. We identify five intervals with distinct grain size characteristics: an initial stable interval (36-33.67 Ma), a transitional period (33.67-33.25 Ma) that leads into a second stable, yet slightly coarser interval (33.25-29.5 Ma), then a rapidly coarsening interval (29.5-27.9 Ma) followed finally by a less-abrupt fining interval (27.9-26 Ma). These variations are superimposed on a prominent long-term coarsening trend. Our data suggest there was no significant, abrupt change in current dynamics associated with Eocene-Oligocene Transition (EOT) glaciation, but rather a gradual, long-term increase in current intensity that persisted throughout the entire study interval. This suggests that other, longer-term drivers, such as tectonic influence on gateways and ocean basin configuration, were likely the dominant factors in North Atlantic circulation changes during the latest Eocene through mid-late Oligocene. We also identify a significant mid-Oligocene invigoration in abyssal North Atlantic circulation that appears to coincide with a longer-term decrease in atmospheric CO₂.

We suggest both glaciation and tectonic activity played a role in the mid-Cenozoic restructuring of Atlantic Meridional Overturning Circulation (AMOC), primarily because of the effect each would have had in the development of the ACC. Persistent glaciation of Antarctica promoted more stable wind patterns than would have been possible otherwise,

as well as enhanced thermohaline turnover in coastal waters, both having influenced the strength of the ACC [*Hay et al.*, 2005; *Miller et al.*, 2009; *Goldner et al.*, 2014; *Ladant et al.*, 2014]. Our data suggest the hypothesized EOT invigoration of Southern Ocean circulation may have been restricted to the Southern Ocean and not propagated into the North Atlantic. A more significant driver of circulation change in the North Atlantic was the tectonic deepening of key Southern Ocean gateways (Drake and Tasman), which produced a more powerful ACC and thus enhanced downwelling in the North Atlantic [*Scher and Martin*, 2006; *Kuhlbrodt et al.*, 2007]. Other tectonic activity, such as deepening of the Greenland-Scotland Ridge, likely also played a role in North Atlantic invigoration by aiding in deep-water production in the northern limb of AMOC [*Davies et al.*, 2001; *Via and Thomas*, 2006].

References

- Abelson, M., A. Agnon, and A. Almogi-Labin (2008), Indications for control of the Iceland plume on the Eocene-Oligocene “greenhouse-icehouse” climate transition, *Earth Planet. Sci. Lett.*, 265(1–2), 33–48, doi:10.1016/j.epsl.2007.09.021.
- Anagnostou, E., E. H. John, K. M. Edgar, G. L. Foster, A. Ridgwell, G. N. Inglis, R. D. Pancost, D. J. Lunt, and P. N. Pearson (2016), Changing atmospheric CO₂ concentration was the primary driver of early Cenozoic climate, *Nature*, 533(7603), 1–19, doi:10.1038/nature17423.
- Armstrong McKay, D. I., T. Tyrrell, and P. A. Wilson (2016), Global carbon cycle perturbation across the Eocene-Oligocene climate transition, *Paleoceanography*, 31(2), 311–329, doi:10.1002/2015PA002818.
- Barker, P. F., and E. Thomas (2004), Origin, signature and palaeoclimatic influence of the Antarctic Circumpolar Current, *Earth-Science Rev.*, 66(1–2), 143–162, doi:10.1016/j.earscirev.2003.10.003.
- Berggren, W. A., and D. Schnitker (1983), Cenozoic Marine Environments in the North Atlantic and Norwegian-Greenland Sea, in *Structure and Development of the Greenland-Scotland Ridge: New Methods and Concepts*, edited by M. H. P. Bott, S. Saxov, M. Talwani, and J. Thiede, pp. 495–548, Springer US, Boston, MA.
- Bianchi, G. G., and I. N. McCave (1999), Holocene periodicity in North Atlantic climate and deep-ocean flow south of Iceland, *Nature*, 397(5), 515–517, doi:10.1038/17362.
- Bianchi, G. G., I. R. Hall, I. N. McCave, and L. Joseph (1999), Measurement of the sortable silt current speed proxy using the Sedigraph 5100 and Coulter Multisizer II: Precision and accuracy, *Sedimentology*, 46(6), 1001–1014, doi:10.1046/j.1365-3091.1999.00256.x.
- Bianchi, G. G., M. Vautravers, and N. J. Shackleton (2001), Deep flow variability under apparently stable North Atlantic Deep water production during the last interglacial of the subtropical NW Atlantic, *Paleoceanography*, 16(3), 306–316, doi:10.1029/2000PA000517.
- Borrelli, C., B. S. Cramer, and M. E. Katz (2014), Bipolar Atlantic deepwater circulation in the middle-late Eocene: Effects of Southern Ocean gateway openings, *Paleoceanography*, 29(4), 308–327, doi:10.1002/2012PA002444.

- Bower, A. S., and H. D. Hunt (2000), Lagrangian Observations of the Deep Western Boundary Current in the North Atlantic Ocean . Part I : Large-Scale Pathways and Spreading Rates *, *J. Physic*, 30, 764–783.
- Boyle, P. (2014), Cenozoic Variations in the Deep Western Boundary Current as Recorded in the Seismic Stratigraphy of Contourite Drifts, Newfoundland Rife, Offshore Canada, Virginia Polytechnic Institute and State University.
- Coxall, H. K., and P. N. Pearson (2007), The Eocene – Oligocene Transition, in *Deep-Time Perspectives on Climate Change: Marrying the Signal from Computer Models and Biological Proxies*, edited by M. Williams, A. M. Haywood, F. J. Gregory, and D. N. Schmidt, pp. 351–387, The Micropaleontological Society, Special Publications.
- Coxall, H. K., and P. A. Wilson (2011), Early Oligocene glaciation and productivity in the eastern equatorial Pacific: Insights into global carbon cycling, *Paleoceanography*, 26(2), 1–18, doi:10.1029/2010PA002021.
- Coxall, H. K., P. A. Wilson, H. Palike, C. H. Lear, and J. Backman (2005), Rapid stepwise onset of Antarctic glaciation and deeper calcite compensation in the Pacific Ocean, *Nature*, 433(7021), 53–57, doi:10.1038/nature03135.
- Cramer, B. S., J. R. Toggweiler, J. D. Wright, M. E. Katz, and K. G. Miller (2009), Ocean overturning since the late cretaceous: Inferences from a new benthic foraminiferal isotope compilation, *Paleoceanography*, 24(4), 1–14, doi:10.1029/2008PA001683.
- Davies, R., J. A. Cartwright, J. Pike, and C. Line (2001), Early Oligocene initiation of North Atlantic Deep Water formation, *Nature*, 410(6831), 917–920, doi:10.1038/35073551.
- DeConto, R. M., and D. Pollard (2003), Rapid Cenozoic glaciation of Antarctica induced by declining atmospheric CO₂, *Nature*, 421(6920), 245–249, doi:10.1038/nature01290.
- Diekmann, B., G. Kuhn, R. Gersonde, and A. Mackensen (2004), Middle Eocene to early Miocene environmental changes in the sub-Antarctic Southern Ocean: Evidence from biogenic and terrigenous depositional patterns at ODP Site 1090, *Glob. Planet. Change*, 40(3–4), 295–313, doi:10.1016/j.gloplacha.2003.09.001.
- Diester-Haass, L., and R. Zahn (1996), Eocene-Oligocene transition in the Southern Ocean: History of water mass circulation and biological productivity, *Geology*, 24(2), 163–166, doi:10.1130/0091-7613(1996)024<0163:EOTITS>2.3.CO.
- Exon, N. F., J. P. Kennett, and M. J. Malone (2004), Leg 189 Synthesis: Cretaceous-Holocene

- History of the Tasmanian Gateway, *Proc. Ocean Drill. Program, Sci. Results*, 189(July), 1–37.
- Faugères, J. C., D. A. V Stow, P. Imbert, and A. Viana (1999), Seismic features diagnostic of contourite drifts, *Mar. Geol.*, 162(1), 1–38, doi:10.1016/S0025-3227(99)00068-7.
- Flood, R. D. (1988), A lee wave model for deep-sea mudwave activity, *Deep Sea Res. Part A, Oceanogr. Res. Pap.*, 35(6), 973–983, doi:10.1016/0198-0149(88)90071-4.
- Gent, P. R., W. G. Large, and F. O. Bryan (2001), What sets the mean transport through Drake Passage?, *J. Geophys. Res.*, 106(C2), 2693, doi:10.1029/2000JC900036.
- Goldner, A., N. Herold, and M. Huber (2014), Antarctic glaciation caused ocean circulation changes at the Eocene–Oligocene transition, *Nature*, 511(7511), 574–577, doi:10.1038/nature13597.
- Gregory, J. M. et al. (2005), A model intercomparison of changes in the Atlantic thermohaline circulation in response to increasing atmospheric CO₂ concentration, *Geophys. Res. Lett.*, 32(12), 1–5, doi:10.1029/2005GL023209.
- Gröger, M., R. Henrich, and T. Bickert (2003), Glacial-interglacial variability in lower North Atlantic deep water: Inference from silt grain-size analysis and carbonate preservation in the western equatorial Atlantic, *Mar. Geol.*, 201(4), 321–332, doi:10.1016/S0025-3227(03)00263-9.
- Hall, I. R., I. N. McCave, N. J. Shackleton, G. P. Weedon, and S. E. Harris (2001), Intensified deep Pacific inflow and ventilation in Pleistocene glacial times., *Nature*, 412(6849), 809–812, doi:10.1038/35090552.
- Hall, I. R., G. G. Bianchi, and J. R. Evans (2004), Centennial to millennial scale Holocene climate-deep water linkage in the North Atlantic, *Quat. Sci. Rev.*, 23(14–15), 1529–1536, doi:10.1016/j.quascirev.2004.04.004.
- Hamon, N., P. Sepulchre, V. Lefebvre, and G. Ramstein (2013), The role of eastern tethys seaway closure in the middle miocene climatic transition (ca. 14 Ma), *Clim. Past*, 9(6), 2687–2702, doi:10.5194/cp-9-2687-2013.
- Haq, B. U., J. Hardenbol, and P. R. Vail (1988), Mesozoic and Cenozoic chronostratigraphy and cycles of sea level change, in *Sea-Level Changes: An Integrated Approach*, pp. 71–108.
- Haug, G. H., and R. Tiedemann (1998), Effect of the formation of the Isthmus of Panama on

- Atlantic Ocean thermohaline circulation, *Nature*, 393(6686), 673–676, doi:10.1038/31447.
- Hay, W. W., S. Flögel, and E. Söding (2005), Is the initiation of glaciation on Antarctica related to a change in the structure of the ocean?, *Glob. Planet. Change*, 45(1–3 SPEC. ISS.), 23–33, doi:10.1016/j.gloplacha.2004.09.005.
- Jonkers, L., S. Barker, I. R. Hall, and M. A. Prins (2015), Correcting for the influence of ice-rafted detritus on grain size-based paleocurrent speed estimates, *Paleoceanography*, 30(10), 1347–1357, doi:10.1002/2015PA002830.
- Katz, M. E., K. G. Miller, J. D. Wright, B. S. Wade, J. V. Browning, B. S. Cramer, and Y. Rosenthal (2008), Stepwise transition from the Eocene greenhouse to the Oligocene icehouse, *Nat. Geosci.*, 1(5), 329–334, doi:10.1038/ngeo179.
- Katz, M. E., B. S. Cramer, J. R. Toggweiler, G. Esmay, C. Liu, K. G. Miller, Y. Rosenthal, B. S. Wade, and J. D. Wright (2011), Impact of Antarctic Circumpolar Current development on late Paleogene ocean structure., *Science*, 332(6033), 1076–1079, doi:10.1126/science.1202122.
- Kennett, J. P. (1977), Cenozoic evolution of Antarctic glaciation, the circum-Antarctic Ocean, and their impact on global paleoceanography, *J. Geophys. Res.*, 82(27), 3843–3860, doi:10.1029/JC082i027p03843.
- Kennett, J. P., and N. F. Exon (2004), Paleoceanographic evolution of the Tasmanian Seaway and its climatic implications, *Cenozoic South. Ocean Tectonics, Sedimentation, Clim. Chang. Between Aust. Antarct.*, 345–367, doi:10.1029/151GM19.
- Kennett, J. P., and N. J. Shackleton (1976), Oxygen isotopic evidence for the development of the psychrosphere 38 Myr ago, *Nature*, 260(5551), 513–515, doi:10.1038/260513a0.
- Kuhlbrodt, T., A. Griesel, M. Montoya, A. Levermann, M. Hofmann, and S. Rahmstorf (2007), On the driving processes of the Atlantic meridional overturning circulation, *Rev. Geophys.*, 45(2), doi:10.1029/2004RG000166.
- Ladant, J. B., Y. Donnadieu, and C. Dumas (2014), Links between CO₂, glaciation and water flow: Reconciling the cenozoic history of the antarctic circumpolar current, *Clim. Past*, 10(6), 1957–1966, doi:10.5194/cp-10-1957-2014.
- Lear, C. H., T. R. Bailey, P. N. Pearson, H. K. Coxall, and Y. Rosenthal (2008), Cooling and ice growth across the Eocene-Oligocene transition, *Geology*, 36(3), 251–254,

- doi:10.1130/G24584A.1.
- Lefebvre, V., Y. Donnadieu, P. Sepulchre, D. Swingedouw, and Z.-S. Zhang (2012), Deciphering the role of southern gateways and carbon dioxide on the onset of the Antarctic Circumpolar Current, *Paleoceanography*, 27, 1–9, doi:10.1029/2012PA002345.
- Liu, Z., M. Pagani, D. Zinniker, R. DeConto, M. Huber, H. Brinkhuis, S. R. Shah, R. M. Leckie, and A. Pearson (2009), Global Cooling During the Eocene-Oligocene Climate Transition, *Science* (80-.), 323(5918), 1187–1190, doi:10.1126/science.1166368.
- Livermore, R., C. D. Hillenbrand, M. Meredith, and G. Eagles (2007), Drake Passage and Cenozoic climate: An open and shut case?, *Geochemistry, Geophys. Geosystems*, 8(1), doi:10.1029/2005GC001224.
- Lyle, M., S. Gibbs, T. C. Moore, and D. K. Rea (2007), Late Oligocene initiation of the Antarctic Circumpolar Current: Evidence from the South Pacific, *Geology*, 35(8), 691, doi:10.1130/G23806A.1.
- McCartney, M. S. (1992), Recirculating components to the deep boundary current of the northern North Atlantic, *Prog. Oceanogr.*, 29(4), 283–383, doi:10.1016/0079-6611(92)90006-L.
- McCave, I. N., and I. R. Hall (2006), Size sorting in marine muds: Processes, pitfalls, and prospects for paleoflow-speed proxies, *Geochemistry, Geophys. Geosystems*, 7(10), doi:10.1029/2006GC001284.
- McCave, I. N., and B. E. Tucholke (1986), Deep current-controlled sedimentation in the western North Atlantic, in *The Geology of North America, Vol. M, The Western North Atlantic Region*, edited by P. R. Vogt and B. E. Tucholke, pp. 451–468, The Geological Society of America, Boulder, CO.
- McCave, I. N., B. Manighetti, and S. G. Robinson (1995), Sortable silt and fine sediment size/composition slicing: parameters for palaeocurrent speed and palaeoceanography, *Paleoceanography*, 10(3), 593–610, doi:10.1029/94PA03039.
- McCave, I. N., I. R. Hall, and G. G. Bianchi (2006), Laser vs. settling velocity differences in silt grainsize measurements: Estimation of palaeocurrent vigour, *Sedimentology*, 53(4), 919–928, doi:10.1111/j.1365-3091.2006.00783.x.
- Miller, K. G., and R. G. Fairbanks (1985), Oligocene to Miocene Carbon Isotope Cycles and

- Abyssal Circulation Changes, in *The carbon cycle and atmospheric CO₂ : Natural variations Archean to present: American Geophysical Union Geophysical Monograph 32*, edited by E. T. Sundquist and W. S. Broecker, pp. 469–486.
- Miller, K. G., and B. E. Tucholke (1983), Development of Cenozoic Abyssal Circulation South of the Greenland-Scotland Ridge, in *Structure and Development of the Greenland-Scotland Ridge: New Methods and Concepts*, edited by M. H. P. Bott, S. Saxov, M. Talwani, and J. Thiede, pp. 549–589, Springer US, Boston, MA.
- Miller, K. G., J. D. Wright, M. E. Katz, B. S. Wade, J. V. Browning, S. Benjamin, and B. S. Cramer (2009), Climate threshold at the Eocene-Oligocene transition : Antarctic ice sheet influence on ocean circulation, *Geol. Soc. Am., Special pa(Ccd)*, 169–178, doi:10.1130/2009.2452(11).
- Mountain, G. S., and K. G. Miller (1992), Seismic and geologic evidence for Early Paleogene deepwater circulation in the western North Atlantic, *Paleoceanography*, 7(4), 423–439, doi:10.1029/92PA01268.
- Mountain, G. S., and B. E. Tucholke (1985), *Mesozoic and Cenozoic Geology of the U.S. Atlantic Continental Slope and Rise*, Van Nostrand Reinhold.
- Nicolo, M. J., and G. R. Dickens (2006), Data report: terrigenous grain-size distributions at Sites 1263 and 1267: testing the applicability of Leg 208 sediments for eolian analysis., *Proc. Ocean Drill. Program, 208 Sci. Results*, 208(December), doi:10.2973/odp.proc.sr.208.205.2006.
- Norris, R. D. et al. (2014), Site U1411, in *Proceedings of the Integrated Ocean Drilling Program*, vol. 342, Integrated Ocean Drilling Program, College Station, TX.
- Pagani, M., J. C. Zachos, K. H. Freeman, B. Tiple, and S. Bohaty (2005), Marked decline in atmospheric carbon dioxide concentrations during the Paleogene., *Science*, 309(5734), 600–603, doi:10.1126/science.1110063.
- Pagani, M., M. Huber, Z. Liu, S. M. Bohaty, J. Henderiks, W. Sijp, S. Krishnan, and R. M. DeConto (2011), The Role of Carbon Dioxide During the Onset of Antarctic Glaciation, *Science (80-.)*, 334(6060), 1261–1265, doi:10.1126/science.1203909.
- Pagani, M., P. E. Jardine, P. N. Pearson, P. Markwick, and A. M. J. Galsworthy (2015), cooling inferred from GDGT distributions, , doi:10.1002/2014PA002723.Received.
- Pfuhl, H. A., and I. N. McCave (2005), Evidence for late Oligocene establishment of the

- Antarctic Circumpolar Current, *Earth Planet. Sci. Lett.*, 235(3–4), 715–728, doi:10.1016/j.epsl.2005.04.025.
- Ramsay, A. T. S., T. J. S. Sykes, and R. B. Kidd (1994), Waxing (and waning) lyrical on hiatuses: Eocene-Quaternary Indian Ocean hiatuses as proxy indicators of water mass production, *Paleoceanography*, 9(6), 857–877.
- Rugenstein, M., P. Stocchi, A. von der Heydt, H. Dijkstra, and H. Brinkhuis (2014), Emplacement of Antarctic ice sheet mass affects circumpolar ocean flow, *Glob. Planet. Change*, 118, 16–24, doi:10.1016/j.gloplacha.2014.03.011.
- Salamay, K. A., and J. C. Zachos (1999), Latest Eocene - early Oligocene climate change and southern Ocean fertility: inferences from sediment accumulation and stable isotope data, *Palaeogeogr. Palaeoclim. Palaeoecol.*, 145, 61–77, doi:10.1016/S0031-0182(98)00093-5.
- Scher, H. D., and E. E. Martin (2006), Timing and climatic consequences of the opening of Drake Passage., *Science (80-.)*, 312(5772), 428–430, doi:10.1126/science.1120044.
- Scher, H. D., and E. E. Martin (2008), Oligocene deep water export from the North Atlantic and the development of the Antarctic Circumpolar Current examined with neodymium isotopes, *Paleoceanography*, 23(1), 1–12, doi:10.1029/2006PA001400.
- Stickley, C. E., H. Brinkhuis, S. A. Schellenberg, A. Sluijs, U. Röhl, M. Fuller, M. Grauert, M. Huber, J. Warnaar, and G. L. Williams (2004), Timing and nature of the deepening of the Tasmanian Gateway, *Paleoceanography*, 19(4), n/a-n/a, doi:10.1029/2004PA001022.
- Stow, D. A. V., S. Hunter, D. Wilkinson, and F. J. Hernández-Molina (2008), Chapter 9 The Nature of Contourite Deposition, *Dev. Sedimentol.*, 60, 143–156, doi:10.1016/S0070-4571(08)10009-7.
- Stow, D. a V, C. J. Pudsey, J. a M. Howe, J. C. Faugeres, and a R. Viana (2003), Deep-Water Contourite System: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics, *Geol. Soc. Mem.*, (22), 472 pages.
- Swallow, J. C., and L. V. Worthington (1961), An observation of a deep countercurrent in the Western North Atlantic, *Deep Sea Res.*, 8(1), 1–19, doi:10.1016/0146-6313(61)90011-9.
- Thornalley, D. J. R., M. Blaschek, F. J. Davies, S. Praetorius, D. W. Oppo, J. F. McManus, I. R.

- Hall, H. Kleiven, H. Renssen, and I. N. McCave (2013), Long-term variations in iceland-scotland overflow strength during the holocene, *Clim. Past*, 9(5), 2073–2084, doi:10.5194/cp-9-2073-2013.
- Toggweiler, J. R., and B. Samuels (1995), Effect of drake passage on the global thermohaline circulation, *Deep Sea Res. Part I Oceanogr. Res. Pap.*, 42(4), 477–500, doi:10.1016/0967-0637(95)00012-U.
- Toggweiler, J. R., and B. Samuels (1998), On the Ocean's Large-Scale Circulation near the Limit of No Vertical Mixing, *J. Phys. Oceanogr.*, 28(9), 1832–1852, doi:10.1175/1520-0485(1998)028<1832:OTOSLS>2.0.CO;2.
- Tremblin, M., M. Hermoso, and F. Minoletti (2016), Equatorial heat accumulation as a long-term trigger of permanent Antarctic ice-sheets during the Cenozoic, *Proc. Natl. Acad. Sci. USA*, in press, doi:10.1073/pnas.1608100113.
- Trenberth, K. E., and J. M. Caron (2001), Estimates of Meridional Atmosphere and Ocean Heat Transports, *J. Clim.*, 14(16), 3433–3443, doi:10.1175/1520-0442(2001)014<3433:EOMAAO>2.0.CO;2.
- Tucholke, B. E., D. S. Sawyer, and J.-C. Sibuet (2007), Breakup of the Newfoundland Iberia rift, *Geol. Soc. London, Spec. Publ.*, 282(1), 9–46, doi:10.1144/SP282.2.
- Via, R. K., and D. J. Thomas (2006), Evolution of Atlantic thermohaline circulation: Early Oligocene onset of deep-water production in the North Atlantic, *Geology*, 34(6), 441–444, doi:10.1130/G22545.1.
- Washington, W. M., and G. A. Meehl (1989), Climate sensitivity due to increased CO₂: experiments with a coupled atmosphere and ocean general circulation model *, *Clim. Dyn.*, 4, 1–38.
- Weltje, G. J., and M. A. Prins (2007), Genetically meaningful decomposition of grain-size distributions, *Sediment. Geol.*, 202(3), 409–424, doi:10.1016/j.sedgeo.2007.03.007.
- Wold, C. N. (1994), Cenozoic sediment accumulation on drifts in the northern North Atlantic, *Paleoceanography*, 9(6), 917–941.
- Wright, J. D., and K. G. Miller (1993), Southern Ocean influences on late Eocene to Miocene deepwater circulation, *Antarct. Res. Ser.*, 60, 1–25.
- Wright, J. D., and K. G. Miller (1996), Control of North Atlantic Deep Water Circulation by the Greenland-Scotland Ridge, *Paleoceanography*, 11(2), 157,

doi:10.1029/95PA03696.

Zachos, J. C., and L. R. Kump (2005), Carbon cycle feedbacks and the initiation of Antarctic glaciation in the earliest Oligocene, *Glob. Planet. Change*, 47(1), 51–66, doi:10.1016/j.gloplacha.2005.01.001.

Zachos, J. C., T. M. Quinn, and K. A. Salamy (1996), High-resolution deep-sea foraminiferal stable isotope records of the Eocene-Oligocene transition, *Paleoceanography*, 11(3), 251–266.

Zachos, J. C., M. Pagani, L. Sloan, E. Thomas, and K. Billups (2001), Trends, rhythms, and aberrations in global climate 65 Ma to present, *Science* (80-.), 292(5517), 686–693, doi:10.1126/science.1059412.

Zhang, Y. G., M. Pagani, Z. Liu, S. M. Bohaty, R. Deconto, and P. T. R. S. A (2013), A 40-million-year history of atmospheric CO₂, *Philos. Trans. R. Soc.*, doi:10.1098/rsta.2013.0096.

Zhang, Z., K. H. Nisancioglu, F. Flatøy, M. Bentsen, I. Bethke, and H. Wang (2011), Tropical seaways played a more important role than high latitude seaways in Cenozoic cooling, *Clim. Past*, 7(3), 801–813, doi:10.5194/cp-7-801-2011.

Zickfeld, K., A. Levermann, M. G. Morgan, T. Kuhlbrodt, S. Rahmstorf, and D. W. Keith (2007), Expert judgements on the response of the Atlantic meridional overturning circulation to climate change, *Clim. Change*, 82(3–4), 235–265, doi:10.1007/s10584-007-9246-3.

Appendix 1
Site U1411 Grain Size Data

Appendix 1: IODP Site U1411 Grain Size Data

Filename	Depth (mbsf)	Mass Fraction 1-63µm	Mass Fraction 4-63µm	Mass Fraction 10-63µm	Mass Fraction 20-63µm	Mean 1-63µm	Mean 4-63µm	Mean 10-63µm	Mean 20-63µm	Weight Percent Sand	Age
ZB45015.TXT	25.96	0.404313697	0.259427394	0.12629957	0.060006685	9.473483646	13.49795064	21.13609123	29.00778385	7%	26.08
ZB46015.TXT	25.91	0.399382194	0.27419457	0.152613525	0.106439155	13.35857684	18.43270218	28.56067737	34.32566061	11%	26.16
ZB51015.TXT	29.95	0.431847446	0.297788967	0.19883315	0.13174846	15.75370421	21.83412224	29.733047	37.62256851	13%	26.25
ZB52015.TXT	31.45	0.372023157	0.238916118	0.128389496	0.065215427	11.34882673	16.33597087	25.17087927	35.10389681	4%	26.33
ZB53015.TXT	32.95	0.378382854	0.240160595	0.120351002	0.053158906	9.639221668	13.97066644	22.02840823	32.06650651	7%	26.4929
ZB54015.TXT	34.45	0.338978513	0.202060664	0.089528321	0.036421539	8.550182934	12.74945355	21.33238391	32.99763023	2%	26.5658
ZB54115.TXT	35.45	0.368567781	0.193916426	0.079314877	0.041697968	8.408649027	13.90809959	25.19185488	35.64694344	2%	26.6387
ZB55015.TXT	35.95	0.413929531	0.292754405	0.177181052	0.099781054	13.71266174	18.43900015	26.65788053	35.70923818	8%	26.7116
ZB57015.TXT	38.95	0.415409916	0.262475221	0.146511971	0.076147521	10.8706344	15.86743261	23.71486178	32.47271905	3%	26.7845
ZB61015.TXT	39.94	0.357865641	0.20818152	0.091218072	0.043815249	7.949780066	12.00483833	19.77977858	25.0342175	5%	26.8574
ZB63015.TXT	42.94	0.354144803	0.244349374	0.145946907	0.090348802	13.58606263	18.63475545	27.21093055	34.34019694	5%	26.9303
ZB65015.TXT	45.94	0.353016307	0.234925253	0.120173159	0.055038796	10.14870897	14.03858392	21.76020559	30.61587059	9%	27.0032
ZB66015.TXT	47.44	0.437730371	0.33515707	0.222908263	0.138372242	15.79916953	19.94290353	27.04475222	34.80707171	18%	27.0761
ZB71015.TXT	50.03	0.343396657	0.206871454	0.098838687	0.038974947	10.271582	15.5382968	25.87781347	42.88251981	2%	27.149
ZB72015.TXT	51.53	0.390141127	0.278646609	0.181644964	0.112739798	14.91861064	19.92495802	27.28356127	35.44023127	6%	27.2219
ZB74015.TXT	54.53	0.397562318	0.261241933	0.122687139	0.055688386	9.441323166	13.20011126	21.10699481	29.46655811	1%	27.2948
ZB75015.TXT	56.04	0.417292077	0.303943229	0.183146679	0.103636859	13.17847431	17.27859556	24.76774511	32.87317501	13%	27.3677
ZB75135.TXT	57.24	0.375166263	0.240320607	0.12654957	0.076336437	12.0298249	17.54657152	27.51885518	36.58860396	4%	27.524
ZB77015.TXT	59.04	0.454544847	0.34316502	0.20652997	0.147171056	16.13048596	20.72691432	29.68857698	35.86537712	4%	27.608
ZB81015.TXT	60.01	0.377982982	0.248391563	0.109700052	0.053154115	10.55736236	14.81856756	25.52986955	36.97805909	6%	27.692
ZB81105.TXT	61.01	0.339517874	0.230204217	0.123385115	0.077976739	14.36163625	20.0970579	32.12153023	42.4668121	5%	27.776
ZB82045.TXT	61.9	0.413707735	0.266105448	0.1354286	0.084173122	12.53735947	18.27258823	29.95762586	39.40840441	27%	27.936
ZB83075.TXT	63.71	0.451855391	0.319526615	0.204474049	0.127308318	15.03778194	23.32976606	28.71592774	36.06039118	9%	28.0132
ZB84015.TXT	64.64	0.417054022	0.265974857	0.135700324	0.064326963	11.16583534	16.21735215	25.96704324	38.66301989	2%	28.115
ZB85045.TXT	66.45	0.394612426	0.275179895	0.140028708	0.083516119	11.92627967	16.08741692	25.88666682	33.50435451	2%	28.21
ZB86075.TXT	68.26	0.603778575	0.30171394	0.166666175	0.102446171	8.902057677	15.83312685	23.71806598	29.4441974	12%	28.3738
ZB87015.TXT	69.16	0.42636832	0.281962833	0.144637234	0.079501214	11.89824431	16.8243585	27.22975183	37.3841569	4%	28.4676
ZB91015.TXT	70.23	0.396608188	0.25700384	0.082520241	0.030106733	7.433208337	11.21524173	19.78832098	30.91774642	1%	28.5616
ZB92135.TXT	71.67	0.342818504	0.207441398	0.08178916	0.028611809	7.694058378	15.19288383	18.7567782	27.1719336	3%	28.6552
ZB93075.TXT	72.57	0.406018307	0.268183408	0.11927778	0.078943212	11.06276459	15.67090561	27.34072434	34.36541216	10%	28.7494
ZB94015.TXT	73.47	0.328154618	0.186166517	0.075495394	0.048366109	9.460922162	14.96991429	28.4380045	37.18509228	3%	28.84328
ZB95045.TXT	75.27	0.418817679	0.268181624	0.137282578	0.062886214	9.906908174	14.21013719	22.39478002	30.82706294	3%	28.93716
ZB95135.TXT	76.07	0.382339969	0.269807887	0.145609812	0.098288025	13.35048431	17.91714858	27.87099981	34.32971145	9%	29.03104
ZB96075.TXT	77.17	0.337209641	0.10418832	0.101816609	0.0482773	7.298873994	13.5078248	21.47937397	29.7050567	6%	29.12492
ZB97015.TXT	77.97	0.355148252	0.21682691	0.082553738	0.044163357	8.702458537	12.75254479	23.29100544	31.11737047	2%	29.2188
ZB98045.TXT	79.26	0.369889	0.256167214	0.139854949	0.092693025	11.94007395	16.23118734	24.52834532	29.34168138	8%	29.31268
ZB101015.TXT	80.01	0.310134282	0.175266787	0.08081638	0.046042404	8.470464075	13.28832881	21.74645602	27.63830099	5%	29.40056
ZB101105.TXT	80.91	0.403640167	0.25604495	0.153604495	0.073433248	11.76983508	16.17026026	23.8618896	34.30268753	3%	29.50444
ZB102045.TXT	81.81	0.357387834	0.223251575	0.102981821	0.042153161	9.36918054	13.69825465	22.72540503	35.87452148	2%	29.5942
ZB102135.TXT	82.71	0.36945874	0.237837018	0.092307824	0.054002357	9.200075901	13.05873358	23.42491559	29.39384304	2%	29.6832
ZB103075.TXT	83.61	0.336497643	0.20727486	0.068804603	0.037118258	7.985831822	11.54774501	22.59449535	30.6049294	2%	29.78208
ZB104030.TXT	84.66	0.382289821	0.27026986	0.130721517	0.07743897	12.00908594	15.95774737	26.09266768	34.81816471	3%	29.87596
ZB105105.TXT	86.91	0.323999804	0.188004607	0.087802326	0.029718565	7.923301002	11.99173844	18.78960338	27.25147085	3%	30.0365
ZB111030.TXT	89.9	0.331671087	0.193467387	0.095326611	0.047839726	9.074237758	13.92790514	22.05760323	29.29053899	2%	30.1063
ZB112105.TXT	92.15	0.365656106	0.242934482	0.129930052	0.074053036	12.39436919	17.53964753	27.3825656	36.56817514	3%	30.1695
ZB121030.TXT	98.8	0.389971837	0.243864039	0.125574966	0.06204035	10.19416899	14.96347666	23.16308846	32.76652889	3%	30.236
ZB122130.TXT	102.3	0.375462841	0.248648494	0.11359494	0.048586172	10.69424333	14.91533842	25.4131637	39.68048365	4%	30.3025
ZB124064.TXT	104.64	0.329961889	0.200083218	0.077750665	0.035335593	9.082731165	13.42903395	25.10639648	38.28148324	4%	30.3629
ZB125034.TXT	105.44	0.373789114	0.222893182	0.084425878	0.044289506	8.114817377	12.05646336	21.35525984	27.50928837	1%	30.4355
ZB125094.TXT	106.84	0.37823292	0.217090296	0.099418818	0.052583917	10.69781567	15.36047169	26.596741	37.68480895	2%	30.502
ZB127034.TXT	108.36	0.37253093	0.237118808	0.101794824	0.066759513	10.18746599	14.72603123	25.86463762	32.55889009	3%	30.5685
ZB134124.TXT	115.35	0.377006998	0.239545133	0.087768311	0.052322776	9.147224324	13.06019377	24.58774294	31.93651867	3%	30.6383
ZB135034.TXT	115.96	0.37374979	0.225490536	0.099085254	0.052453449	9.902219924	14.93844987	26.15312899	36.72021924	0%	30.7015
ZC52064.TXT	119.07	0.402174014	0.268029636	0.125084038	0.057925611	9.495304001	13.09321793	20.86821295	30.00591272	1%	30.768
ZC52124.TXT	119.67	0.361732394	0.240662422	0.120057675	0.055842558	10.01500893	13.85779968	21.54955917	30.47712643	2%	30.8345
ZB143094.TXT	124.09	0.36419111	0.256630627	0.135006609	0.070386352	12.71729358	17.07839918	26.76018782	38.42639387	3%	30.9675
ZB144064.TXT	125.29	0.357637965	0.22908629	0.109891246	0.049663246	8.922246899	14.04934487	22.74308518	32.35840906	1%	31.034
ZC63004.TXT	126.49	0.347037884	0.217300078	0.083292897	0.036991622	8.478691445	12.19316507	21.83911928	33.17639798	1%	31.1005
ZC63064.TXT	127.09	0.345937315	0.203263998	0.077493061	0.030997681	7.686074445	11.49551666	20.14993745	30.1163741	1%	31.167
ZC63121.TXT	127.65	0.407897486	0.26406513	0.099662704	0.023071544	7.736135145	10.70269318	17.93124279	30.53448559	1%	31.2335
ZC64010.TXT	127.96	0.34781795	0.208286008	0.107038262	0.041718178	9.284408146	13.97655364	21.75100552	33.70617538	5%	31.3
ZC64114.TXT	129.08	0.386056981	0.214517817	0.074090484	0.032751186	8.537404206	13.51118024	27.20425232	43.42906619	1%	31.3665
ZC66041.TXT	130.32	0.369323151	0.206561616	0.074930169	0.012630325	6.576634711	10.02079367	16.87018705	29.58894247	0%	31.433
ZC67004.TXT	130.39	0.341233125	0.209488293	0.082590375	0.029950572	8.766832437	13.81378148	22.81651833	39.88875716	1%	31.4995
ZB151064.TXT	131.59	0.327033234	0.183287918	0.068745325	0.029785498	7.965250363	12.39336128	23.13976456	34.81206979	0%	31.566
ZB151090.TXT	131.84	0.405152569	0.2552742	0.14083285	0.073818371	11.17370708	16.43535026	24.88137137	34.20545161	2%	31.6325
ZB151124.TXT	132.19	0.358119873	0.230632519	0.113521124	0.056262738	10.7980623	15.44795332	24.94697965	35.97357163	0%	31.699
ZB152074.TXT	133.1	0.354885195	0.233095751	0.102507932	0.057572891	9.106088526	12.65456192	20.97569039	27.25191317	2%	31.7655
ZB153073.TXT	134.57	0.34377432	0.223232186	0.106550396	0.048344257	10.35893145	14.6740063	23.84092119	34.55816501	1%	31.832
ZB154023.TXT	135.53	0.369286421	0.249197062	0.140488413	0.071361706	11.92450616	16.52463444	24.5700567	33.88531194	1%	31.8985
ZC73004.TXT	135.95	0.340180322	0.198324136	0.079982227	0.044517236	9.0					

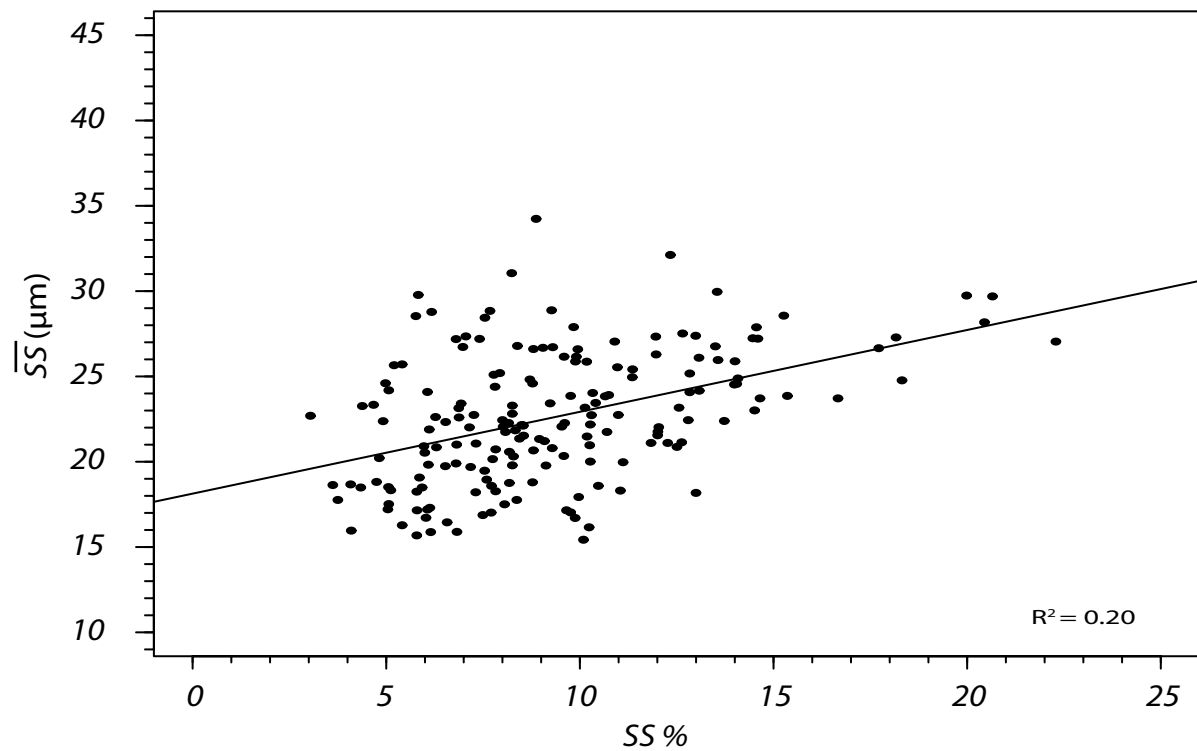
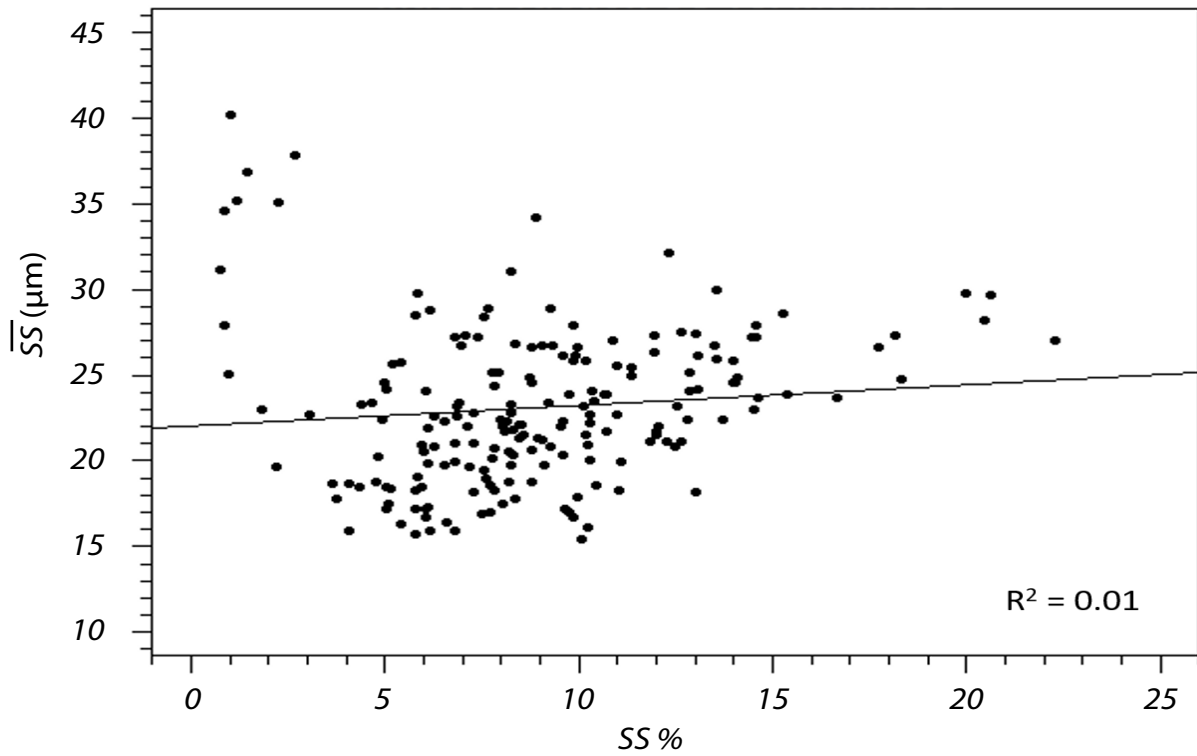
ZC86004.TXT	151.69	0.383425944	0.230796057	0.097604925	0.044661744	9.102931645	13.61775482	23.85883742	34.72505823	0%	33.6688
ZC86040.TXT	152.05	0.339273521	0.188190472	0.057981567	0.01532387	6.204552957	9.376546869	17.15327067	29.10195932	0%	33.7164
ZB172005.TXT	152.2	0.431964489	0.258295847	0.104741997	0.040382355	7.650134706	11.2582302	18.58568124	26.42614684	0%	33.7228
ZC86064.TXT	152.29	0.395297104	0.250541796	0.10272448	0.041227612	8.398321237	11.93419924	20.01310924	28.23627382	0%	33.7292
ZB173005.TXT	153.7	0.43139532	0.248371918	0.097622239	0.028217517	6.938849889	10.46456527	17.03059592	24.60239121	0%	33.742
ZB173077.TXT	154.42	0.427986674	0.223341113	0.050674954	0.013489663	5.598986785	8.646350765	17.52074364	29.53399266	0%	33.7484
ZB174004.TXT	155.19	0.336802749	0.2095791	0.088696051	0.061543428	12.17224326	18.17400484	34.23090779	42.98962043	0%	33.7548
ZB174047.TXT	155.61	0.347928753	0.20525049	0.081825709	0.019381216	7.982128604	11.87528477	20.57771216	41.52058433	0%	33.7612
ZB174052.TXT	155.67	0.314764042	0.16659425	0.06530195	0.029643341	7.7597303	12.64087615	22.33362652	34.38113381	0%	33.7676
ZB175005.TXT	156.7	0.473459544	0.264077574	0.098412584	0.055979899	8.967776686	14.24712264	27.89783522	38.813412	0%	33.7774
ZB175077.TXT	157.42	0.460743718	0.245272682	0.100945103	0.010911327	6.289590995	9.792160493	15.42753421	25.4390987	0%	33.7804
ZC93052.TXT	158.14	0.406061757	0.247272796	0.060297364	0.012785104	6.256634472	8.803190195	16.71755026	22.9933338	0%	33.7868
ZC93103.TXT	158.64	0.350419029	0.214545301	0.085246377	0.033133466	8.621818872	12.52697418	22.13148551	35.08521242	0%	33.7932
ZC94028.TXT	159.33	0.40928253	0.184545818	0.040973676	0.010293907	4.874907126	8.02587886	15.96548663	24.57997208	0%	33.7996
ZC95028.TXT	160.82	0.395477308	0.242986968	0.10334724	0.036109825	9.337869862	13.73264687	24.03497195	41.62692639	0%	33.806
ZB181004.TXT	161.74	0.497074383	0.286585808	0.090817604	0.042201052	7.292976474	10.94310498	21.21755641	31.23448358	0%	33.8124
ZB181028.TXT	161.98	0.62546231	0.271288803	0.111158589	0.033814491	6.285683973	11.84248631	19.97669813	35.18638884	0%	33.8284
ZB181052.TXT	162.22	0.52503061	0.326786103	0.119702292	0.057386169	9.328602929	13.68074007	26.29279719	39.93234698	0%	33.8252
ZB181076.TXT	162.46	0.478882844	0.284312412	0.095880425	0.037194593	7.307782886	10.70968309	20.33377636	31.00013699	-	33.8316
ZB181100.TXT	162.7	0.482645071	0.300140233	0.09656786	0.028226484	6.926503549	9.70324316	17.15938702	26.71220853	0%	33.838
ZB181124.TXT	162.94	0.453321287	0.255774964	0.085470779	0.040704742	7.347345532	11.17772706	21.52377043	30.32880249	0%	33.8444
ZB181136.TXT	163.06	0.464620346	0.228835347	0.078119657	0.043972387	7.233269566	12.34581799	24.40069272	33.48875683	0%	33.8508
ZB182028.TXT	163.48	0.548750143	0.331145013	0.12836883	0.043985018	8.83738674	13.09932238	24.08074215	42.98858325	0%	33.8636
ZB182148.TXT	164.68	0.401018775	0.252476148	0.102653792	0.032866224	8.986168509	12.92347538	22.18526988	41.3075446	0%	33.87
ZB183112.TXT	165.82	0.381527134	0.200973745	0.052017546	0.021600316	6.877141675	11.0360711	25.65308739	42.15921262	0%	33.8764
ZB184040.TXT	166.6	0.361222	0.231934282	0.104101571	0.04169265	8.964131181	14.06524174	23.44991755	38.23204623	0%	33.8982
ZB184076.TXT	166.96	0.360563944	0.205690025	0.068217346	0.006753924	6.3658302	9.403778773	15.88666707	35.99096427	0%	33.9064
ZB184112.TXT	167.32	0.358589242	0.217365434	0.060635862	0.010084893	6.476485537	9.203566614	17.20406722	35.95405961	0%	33.9146
ZB184148.TXT	167.68	0.341069267	0.195293642	0.071479105	0.028947866	7.844713406	12.00329997	22.01485923	36.66279194	0%	33.9228
ZB185028.TXT	167.98	0.354565922	0.201872288	0.062710907	0.030469216	7.415417978	11.35872068	22.62123796	32.29804789	0%	33.931
ZB185064.TXT	168.34	0.375239382	0.230958404	0.081616775	0.035653114	8.135213349	11.7576179	22.26488668	34.67107322	0%	33.9392
ZB185088.TXT	168.58	0.348007775	0.196169958	0.05999444	0.020816643	6.758676901	10.31715347	20.53585491	30.45416708	0%	33.9474
ZB185114.TXT	168.83	0.368200711	0.231239402	0.08542033	0.03463336	8.444239644	12.08777475	22.12312646	34.82553915	4%	33.972
ZB185136.TXT	169.06	0.352925305	0.187720938	0.061500966	0.008341595	5.994808598	9.205466109	15.88112884	33.0329687	0%	33.9802
ZB186004.TXT	169.24	0.372352427	0.200136768	0.043421765	0.010078165	5.840543494	8.898711322	18.48402612	33.84102391	-	33.9966
ZB186040.TXT	169.6	0.314462752	0.154448556	0.03750482	0.015604001	5.50958092	8.820135752	17.75587764	23.64574573	0%	34.0379
ZB186076.TXT	169.96	0.332786255	0.04983458	0.05863458	0.01466615	6.941778979	11.33095777	24.6047182	49.99712831	0%	34.0537
ZB186148.TXT	170.68	0.346639369	0.192725952	0.057869054	0.004982334	5.928710626	8.839238613	15.67886312	29.04713828	0%	34.0774
ZB187040.TXT	171.1	0.343369	0.199743602	0.060642314	0.016445472	7.66885884	11.58615583	24.08836287	50.50413335	0%	34.0853
ZC111004.TXT	171.54	0.397618426	0.202969043	0.058260455	0.032572339	7.619359025	12.65091529	29.77904488	41.52945292	0%	34.0932
ZC111028.TXT	171.78	0.492699782	0.209729414	0.093013145	0.049192605	8.486795265	12.85005339	26.71693008	38.36175385	0%	34.109
ZC111040.TXT	171.9	0.371147567	0.220745099	0.069292676	0.031243631	7.948641455	11.77247356	23.40817807	33.88610133	0%	34.1169
ZC111052.TXT	171.98	0.074871053	0.043300312	0.010045177	0.006742679	8.971487805	13.81296473	40.13290525	51.92032946	0%	34.1248
ZC111088.TXT	172.38	0.154246875	0.037284335	0.0143315	0.011428222	5.981584571	13.23437695	36.87506157	42.78307033	0%	34.1485
ZC111112.TXT	172.62	0.448377178	0.238544004	0.057865534	0.023611607	5.831560661	8.927262226	18.24429142	22.65963792	0%	34.1643
ZC111124.TXT	172.74	0.44940913	0.226043886	0.068029657	0.030730095	7.349659303	12.31850254	27.18440703	43.50013837	0%	34.1722
ZC111136.TXT	172.86	0.415307521	0.22882095	0.073133791	0.025759627	7.092661405	11.00997607	21.06213189	33.57490922	0%	34.1801
ZC111148.TXT	172.98	0.503284856	0.266561746	0.071756543	0.023456591	6.199003489	9.730793025	19.69453441	34.01162384	0%	34.188
ZC113050.TXT	174.99	0.438025254	0.205031335	0.098741463	0.022764642	7.434714651	9.760129143	16.70870019	26.65663535	0%	34.1959
ZC113076.TXT	175.26	0.321671196	0.174880976	0.047513214	0.025601788	6.234632204	9.571961523	18.81319957	23.9074731	0%	34.2038
ZC114112.TXT	177.12	0.360483494	0.222250597	0.060860997	0.016866489	6.99922678	9.953654059	19.82788992	36.06445182	0%	34.2273
ZC115076.TXT	178.26	0.315953197	0.17768197	0.048197162	0.011056355	6.632783879	10.03723498	20.22162521	40.18919393	0%	34.2864
ZC115148.TXT	178.98	0.317275158	0.204053003	0.090479123	0.039813735	10.57014013	15.28230499	26.68330424	43.49728285	0%	34.2995
ZC116028.TXT	179.28	0.410779971	0.276817602	0.130791665	0.068639325	10.68068736	14.75296441	24.15990179	33.96469042	0%	34.36744
ZC116052.TXT	179.52	0.353944438	0.215960259	0.080592055	0.021414379	7.270548464	10.46997869	17.50005855	27.4652805	0%	34.3821
ZB192100.TXT	179.7	0.458253466	0.28472557	0.102414184	0.019989885	6.951303295	9.784756366	16.15107447	25.15043545	0%	34.39676
ZC116100.TXT	180	0.340995482	0.184061021	0.054144436	0.011689968	5.939043169	9.137564419	16.2761794	29.26047658	0%	34.43341
ZB192136.TXT	180.06	0.48579038	0.285086426	0.077091557	0.024933577	6.338783722	9.163448236	17.01639824	24.57131376	0%	34.44074
ZB193016.TXT	180.36	0.317858824	0.178171878	0.067995922	0.022879212	7.305257555	11.30644171	19.90613485	31.95973501	0%	34.4688
ZB193028.TXT	180.48	0.381813368	0.240187609	0.110439992	0.037034869	8.309832978	11.8116813	18.31099855	27.07050567	0%	34.4832
ZB193040.TXT	180.6	0.110502004	0.057589537	0.026714021	0.021138583	11.52903581	20.17890654	37.78189247	43.7196003	0%	34.4976
ZB193011.TXT	181.15	0.329729513	0.172787553	0.043840638	0.018454914	6.587804701	10.53093183	23.26411405	38.32574474	0%	34.5696
ZB193100.TXT	181.2	0.065625049	0.039544403	0.011946376	0.009028583	9.204126783	14.02405955	35.14899194	40.43187676	0%	34.584
ZB194064.TXT	182.34	0.087571922	0.041494204	0.008394609	0.003562584	5.734418167	9.449864289	27.88272762	43.27641865	0%	34.6704
ZB194084.TXT	182.53	0.357600783	0.203689251	0.082410317	0.049374247	10.29771564	16.30182518	31.05301046	43.10336454	0%	34.6848
ZB195004.TXT	183.24	0.079570924	0.040498807	0.022692085	0.014888281	12.33725037	20.3740612	35.06711291	45.57468198	-	34.7424
ZB195124.TXT	184.44	0.453432698	0.057882091	0.00860834	0.00860834	2.353902048	9.927366312	34.53893684	34.53893684	0%	34.7712
ZC121124.TXT	185.54	0.398556656	0.211248523	0.061263647	0.024712378	6.032820236	9.340102358	17.30112133	24.64009973	0%	34.8
ZC123004.TXT	187.34	0.086368267	0.053517557	0.021796226	0.007811997	7.656457241	11.26639891	19.64636324	22.19534878	0%	34.8576
ZC123050.TXT	187.79	0.362728662	0.224601126	0.101279473	0.043543479	9.370854859	13.7551296	23.16785513	35.27686758	0%	34.872
ZC123124.TXT	188.54	0.391359877	0.189362422	0.050406541	0.015121646	5.472127385	8.938646856	17.21839206	28.02757527	0%	34.9008
ZC124064.TXT	189.44	0									

Appendix 2

Mean Sortable Silt vs.

Abundance of Sortable Silt

Appendix 2: Mean Sortable Silt vs. Abundance of Sortable Silt



Scatterplots of mean sortable silt values vs. abundance of sortable silt values, which are expected to show a positive correlation. (a) Including values with less than 3 Wt. % sortable silt. (b) Excluding values with less than 3 Wt. % sortable silt, with a much-improved correlation. This illustrates the necessity to remove samples with anomalously low amounts of sortable silt, which are likely to erroneously skew calculated metrics.

Appendix 3

Grain Size Data Processing R Script

Appendix 3: IODP Site U1411 Grain Size Processing Scripts - R

```
##### SEDIGRAPH DATA PROCESSING SCRIPTS #####
```

```
install.packages("ggplot2")
install.packages("Hmisc")
install.packages("latticeExtra")
library(Hmisc) # for minor tick marks
library(ggplot2)
library(plyr)
library(lattice) # for heat map plot
library(latticeExtra)

#setwd("/Users/romans/Google Drive/shared - Kristin/Data/SediGraph data/Z samples")
#setwd("/Users/Kristin/Google Drive/shared - Kristin/Data/SediGraph data/Z
samples/Southampton Samples")
setwd("/Users/Kristin/Google Drive/shared - Kristin/Data/SediGraph data/Z samples")
```

```
# -----
```

```
#### (1) IMPORT TXT FILES, AVERAGE TWO TESTS, PLOT ALL DATA TOGETHER AS
(UNCORRECTED) CDF ####
```

```
# create plot w/out the data first
plot(1, type='l', log='x', xlim=c(100,1), ylim=c(0.4,1.02),
      xlab=expression(paste("particle size (", mu,"m)")),
      ylab="cumulative fraction finer", main="SediGraph data", col="black")
minor.tick(nx=5, ny=2, tick.ratio=0.5)
abline(h=c(1.0), col="darkgray", lwd=0.6)
abline(v=c(1.0), col="darkgray", lwd=0.6)
abline(v=c(4.0), col="darkgray", lwd=0.6)
abline(v=c(10.0), col="darkgray", lwd=0.6)
```

```
#import files
TXTFILES = list.files(pattern="*.TXT") # puts all txt files in wd in a list (just lists their
names, does NOT store the data they contain)
```

```
# load spreadsheet that relates filenames to depth
depth_table = read.csv("depths.csv", stringsAsFactors=FALSE)
```

```
samples = list() # this will be the list of sublists which describe each sample
# each of the sublists will be composed of
# sample
# | - name (gets from depths.csv)
# | - Depth (gets from depths.csv)
# | - PercentTerrigenous (gets from depths.csv)
```

```

# |- PercentSand (gets from depths.csv)
# |- CDF_Raw (calculated from lines 107-191)
# |- PDF_Corrected "
# |- Statistics "
# |- Age (gets from depths.csv)

##### create a sample sublist for each file (w/ some values left blank for
now)#####
for (i in 1:length(TXTFILES)) #a "for" loop applies an action repeatedly. In this case, "i"
number of times, which is defined by the length of the text file in the expression 1:length of
TXTFILES
{
  FullName = TXTFILES[i] #tells the loop what the name of the file is each time it runs
through (this is the "ith" file name)
  NAME = substr(TXTFILES[i],1,12) #get the first 12 characters of the filename
  depth = -1
  pct_terr = -1
  pct_sand = -1
  Age = -1

  #searches "depths.csv" spreadsheet for matching file name and assigns depth, pct sand,
pct terrig., and Age from the spreadsheet
  found = FALSE
  for (j in 1:length(depth_table[,1]))
  {
    if (depth_table[["Filename"]][[j]] == FullName)
    {
      depth = depth_table[["Depth"]][[j]]
      pct_terr = depth_table[["PctTerr"]][[j]]
      pct_sand = depth_table[["PctSand"]][[j]]
      Age = depth_table[["Age"]][[j]]
      print(c("Matched filename", FullName))
      found = TRUE
    }
  }
  if (!found)
  {
    print(c("Couldn't find depth info for", FullName))
  }
  #makes data structure for each sample (creates a list for each sample that will go into a
larger list called 'samples')
  sample = list(name = NAME, Depth = depth, PercentTerrigenous = pct_terr, PercentSand =
pct_sand, Age = Age, CDF_Raw = NULL, PDF_Corrected = NULL, Statistics = NULL)
  samples[[i]] = sample # adds this incomplete sample to the list of samples
}

```

```
##### sort data by depth #####
samples_sorted = list() #make an empty list
while (length(samples) > 0) #while loop repeats until qualifier is false (in this case, until
you run out of samples in the initial "samples" list)

  #lines 87-101 are a for loop that sorts samples by depth, adds them to 'samples_sorted'
  list, and removes them from 'samples' list.
  {
    min_index = 0 #location of sample within 'samples' list that has the smallest depth value
    min_value = 1000 #smallest depth value found
    for (i in 1:length(samples))
    {
      if (samples[[i]][["Depth"]] < min_value) #if depth of the ith sample is smaller than the
      min value...
      {
        min_value = samples[[i]][["Depth"]] #...assign that value to the new min_value and...
        min_index = i #the new min_index as the location of that sample
      }
    }

    samples_sorted <- c(samples_sorted, samples[min_index]) #add the sample with the
    current min depth value to the 'samples sorted' list
    samples[min_index] <- NULL # removes sample just added to 'samples_sorted' from
    'samples'
  }

samples <- samples_sorted #re-assigns the name 'samples' to 'sorted_samples' so later
code that already references 'samples' doesnt have to be changed

##### extract data from files, compute average, and create points to plot
#####
for (i in 1:length(samples))
{
  TEST = data.frame((matrix((scan(samples[[i]][["name"]], sep=",", skip=15, nlines=77)),
  ncol=2, byrow=T)),
    (matrix((scan(samples[[i]][["name"]], sep=",", skip=101, nlines=77)), ncol=2,
    byrow=T)))

  #average data
  AVG = data.frame(apply(TEST[,c(1,3)],1,mean),apply(TEST[,c(2,4)],1,mean)) # average
  the 2 size and pct data points
  names(AVG) = c("Size","Pct") # set the frame's header
  #rename data frame

```

```

# assign(NAME,AVG) # create a variable with the name of the filename and set its value to
the averaged data
#use 'points' to populate the plot
points(AVG,type="l")

samples[[i]][["CDF_Raw"]] = AVG # store this sample's raw CDF
}

```

```

##### correct each sample's PDF #####
for (i in 1:length(samples))
{
  CDF = samples[[i]][["CDF_Raw"]]

  # create PDF from CDF with 'diff' (calculates difference between adjacent rows in column
  2; negative sign b/c decreasing)
  # need to recombine with column 1 using 'cbind'
  PDF = cbind(CDF[,1],append(-diff(CDF[,2]),0)) #append function used to add 0 to 2nd
  column so is same length as first column

  # set negative fractions to zero
  PDF[PDF<0] = 0

  # create correction factor
  CORRF = (1.0-min(CDF[,2]))/sum(PDF[,2])
  print(CORRF)

  # apply correction factor
  NEWPDF = cbind(PDF[,1],(PDF[,2])*CORRF)

  samples[[i]][["PDF_Corrected"]] = NEWPDF # assign the corrected pdf we just made to
  that sample
}

```

```

# created corrected (new) CDF
#NEWCDF = cbind(NEWPDF[,1],(cumsum(NEWPDF[,2])))
# Need to convert CDF to start at 1.00 and reverse direction for plot (if I want to plot)
#test = cbind(NEWCDF[,1],(NEWCDF[NEWCDF=0.002640716]=1.0)) # doesn't work

##### Calculate the statistics for each sample #####
for (i in 1:length(samples))
{
  NEWPDF = samples[[i]][["PDF_Corrected"]]
  ##### computed statistics #####
}

```

```

## Ranges to use
RANGE_163 = NEWPDF[(NEWPDF[,1]>0.99) & (NEWPDF[,1]<63.01),,drop=FALSE]
RANGE_463 = NEWPDF[(NEWPDF[,1]>3.99) & (NEWPDF[,1]<63.01),,drop=FALSE]
RANGE_1063 = NEWPDF[(NEWPDF[,1]>9.99) & (NEWPDF[,1]<63.01),,drop=FALSE]
RANGE_2063 = NEWPDF[(NEWPDF[,1]>19.99) & (NEWPDF[,1]<63.01),,drop=FALSE]

## WT %
# wt % of the 1-63 micron range
WT_163 = sum(RANGE_163[,2])
# wt % of the 4-63 micron range
WT_463 = sum(RANGE_463[,2])
# wt % of the 10-63 micron range
WT_1063 = sum(RANGE_1063[,2])
# wt % of the 20-63 micron range
WT_2063 = sum(RANGE_2063[,2])

## MEANS
# mean of the 1-63 micron range
MEAN_163 = (sum(RANGE_163[,1]*RANGE_163[,2]))/(sum(RANGE_163[,2]))
# mean of the 4-63 micron range
MEAN_463 = (sum(RANGE_463[,1]*RANGE_463[,2]))/(sum(RANGE_463[,2]))
# mean of the 10-63 micron range
MEAN_1063 = (sum(RANGE_1063[,1]*RANGE_1063[,2]))/(sum(RANGE_1063[,2]))
# mean of the 20-63 micron range
MEAN_2063 = (sum(RANGE_2063[,1]*RANGE_2063[,2]))/(sum(RANGE_2063[,2]))

STATS =
cbind(WT_163,WT_463,WT_1063,WT_2063,MEAN_163,MEAN_463,MEAN_1063,MEAN_206
3)

samples[[i]][["Statistics"]] = STATS
}
### to print statistics for all samples ###
for (i in 1:length(samples))
{
  print(samples[[i]][["Statistics"]])
}

##### generate a heat map of the PDFs #####

# how many samples do we have?
num_samples <- length(samples)
# how many grain size bins do we have?
num_grain_size_bins <- nrow(samples[[1]][["PDF_Corrected"]])

```

```
#heat_map_data = matrix(nrow=num_samples*num_grain_size_bins, ncol=3) #defines size
of matrix (number of columns and number of rows)
```

#next 4 lines make new list called 'depths', which is just a compilation of the depths stored in 'samples' master-list. This is the X axis variable

```
depths = NULL
for (i in 1:length(samples))
{
  depths[i] = samples[[i]][["Depth"]]
}
```

#next 4 lines make new list called 'ages', which is just a compilation of the depths stored in 'samples' master-list. This is the X axis variable

```
ages = NULL
for (i in 1:length(samples))
{
  ages[i] = samples[[i]][["Age"]]
}
```

#next 4 lines make new list called 'grain_size_bins', which is just a compilation of the grain size bins stored in 'samples' master-list (in the first column of the "PDF_corrected" sub-list). This is the Y axis variable

```
grain_size_bins = NULL
for (i in 1:num_grain_size_bins)
{
  grain_size_bins[i] = samples[[1]][["PDF_Corrected"]][i,1]
}
```

```
heat_map_data <- expand.grid(x=depths, y=grain_size_bins) #defines the x and y variables
for the heat map plot (total GSD vs. depth). Organizes into a matrix/grid
#heat_map_data <- expand.grid(x=ages, y=grain_size_bins) #defines the x and y variables
for the heat map plot (total GSD vs. age). Organizes into a matrix/grid
```

next 10 lines make a new list called PDFs, which is a compilation of the PDF data stored in the 'samples' master list (2nd column of "PDF_Corrected" sub-list)

```
PDFs = NULL
the_row_im_on = 1
for (j in 1:num_grain_size_bins)
{
  for (i in 1:length(samples))
```

```

{
  PDFs[the_row_im_on] <- samples[[i]][["PDF_Corrected"]][j,2]
  the_row_im_on <- the_row_im_on + 1
}
}

heat_map_data$z <- PDFs #defines z variable for plot

# Plot

colors <- colorRampPalette(c('royalblue4','deepskyblue3','lightgreen', 'yellow','orange',
'red', 'dark red'))

levelplot(z~x*y, heat_map_data, col.regions=colors, at=seq(-0.0001,0.015,length=500),
  xlab="Core Depth (m)", ylab=expression(paste("Grain Size ( ", mu,"m )")),
  main="IODP Site U1411 Grain Size Distribution",colorkey = TRUE, region = TRUE,
  panel=panel.2dsmoother, args=list(span=0.015),
  scales=list(x=list(at=seq(0,200,20)), y=list(log=FALSE)))
#
#
#scales=list(x=list(at=seq(0,200,20)), y=list(log=FALSE)))

#### Plot means of all samples (to overlay on levelplot) ####

#make a list of depths - this will be x variable in plot
depths = NULL
for (i in 1:length(samples))
{
  depths[i] = samples[[i]][["Depth"]]
}

#make a list of means (5th entry in "statistics" sublist for each sample) - this will be y
variable in plot
means = NULL
for (i in 1:length(samples))
{
  means[i] = samples[[i]][["Statistics"]][[5]]
}
xyplot(means~depths, col="black", pch=20, type="p", cex=0.25)

#### Levelplot with means overlain ####
## Depth on X axis
levelplot(z~x*y, heat_map_data, col.regions=colors, at=seq(-0.0001,0.015,length=500),
  xlab="Core Depth (m)", ylab=expression(paste("Grain Size ( ", mu,"m )")),
  main="IODP Site U1411 Grain Size Distribution",colorkey = TRUE, region = TRUE,
  panel= function(...){

```

```

panel.2dsmoother(...)
panel.abline(v=159.14, col="white", lty=2, lwd=2)
panel.abline(v=149.39, col="white", lty=2, lwd=2)
#panel.text(156,45.5,"Eocene-Oligocene Boundary", col="white", srt=90, cex=1.5)
#panel.text(146.5,62,"Oi-1", col="white", srt=90, cex=1.5)
},
args=list(span=0.015),
scales=list(x=list(at=seq(0,200,20)), y=list(log=FALSE))) + xyplot(means~depths,
col="black", pch="+", type="p", cex=1)

```

Ablines at CCSF-Chron tie points

```

levelplot(z~x*y, heat_map_data, col.regions=colors, at=seq(-0.0001,0.015,length=500),
xlab="Core Depth (m)", ylab=expression(paste("Grain Size ( ", mu,"m )")),
main="IODP Site U1411 Grain Size Distribution",colorkey = TRUE, region = TRUE,
panel= function(...){
panel.2dsmoother(...)
panel.abline(v=25.82, col="black", lty=1, lwd=1)
panel.abline(v=32.53, col="black", lty=1, lwd=1)
panel.abline(v=55.89, col="black", lty=1, lwd=1)
panel.abline(v=61.15, col="black", lty=1, lwd=1)
panel.abline(v=64.25, col="black", lty=1, lwd=1)
panel.abline(v=65.49, col="black", lty=1, lwd=1)
panel.abline(v=67.46, col="black", lty=1, lwd=1)
panel.abline(v=85.55, col="black", lty=1, lwd=1)
panel.abline(v=135.34, col="black", lty=1, lwd=1)
panel.abline(v=151.7, col="black", lty=1, lwd=1)
panel.abline(v=162.35, col="black", lty=1, lwd=1)
panel.abline(v=162.92, col="black", lty=1, lwd=1)
panel.abline(v=168.63, col="black", lty=1, lwd=1)
panel.abline(v=177.39, col="black", lty=1, lwd=1)
panel.abline(v=182.92, col="black", lty=1, lwd=1)
panel.abline(v=184.71, col="black", lty=1, lwd=1)
panel.abline(v=191.58, col="black", lty=1, lwd=1)
},
args=list(span=0.015),
scales=list(x=list(at=seq(0,200,20)), y=list(log=FALSE))) + xyplot(means~depths,
col="black", pch=20, type="p", cex=1)

```

Age on X axis

```

levelplot(z~x*y, heat_map_data, col.regions=colors, at=seq(-0.0001,0.015,length=500),
xlab="Age (Ma)", ylab=expression(paste("Grain Size ( ", mu,"m )")),
main="IODP Site U1411 Grain Size Distribution",colorkey = TRUE, region = TRUE,
panel= function(...){
panel.2dsmoother(...)
panel.abline(v=33.7, col="white", lty=2, lwd=2)
panel.abline(v=33.545, col="white", lty=2, lwd=2)

```

```

    panel.text(33.85,62,"E/O", col="white", srt=90, cex=1)
    panel.text(33.35,62,"Oi-1", col="white", srt=90, cex=1)
  },
  args=list(span=0.015),
  scales=list(x=list(at=seq(20,40,2)), y=list(log=FALSE))) + xyplot(means~ages,
col="black", pch=20, type="p", cex=1)

### Print sample names in order ###

sample_names = NULL
for (i in 1:length(samples))
{
  sample_names[i] = (samples[[i]][["name"]])
}
print(sample_names)
#### Plot PDFs (single - change # in "samples[[#]]" to choose a sample to plot) ####

plot(samples[[30]][["PDF_Corrected"]][,1],samples[[30]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

#### Levelplot cropped to SS Range #####

#next 4 lines creates a list called 'SS_grain_size_bins', which is a complication of the grain
size bins within the SS range (10-63um) stored in 'samples' master-list. This is for creating
a levelplot of just the SS range of Grain sizes on the y axis.

SS_grain_size_bins = NULL
for (i in 1:34)
{
  SS_grain_size_bins[i] = samples[[1]][["PDF_Corrected"]][i,1]
}

heat_map_data <- expand.grid(x=depths, y=SS_grain_size_bins) #defines the x and y
variables for the heat map plot (SS vs. depth). Organizes into a matrix/grid

#Makes a list of abbreviated PDFs (only includes values for grain sizes within the SS range,
10-63um)
SS_PDFs = NULL
the_row_im_on = 1
for (j in 1:34)
{
  # make a 3D array where the x values are the depth
  # and the y values are the grain size
  # and the z values are the PDF

```

```

for (i in 1:length(samples))
{
  SS_PDFs[the_row_im_on] <- samples[[i]][["PDF_Corrected"]][j,2]
  the_row_im_on <- the_row_im_on + 1
}
}

heat_map_data$z <- SS_PDFs

#Makes a list of SS mean values to overlay

means_SS=NULL
for (i in 1:length(samples))
{
  means_SS[i] = samples[[i]][["Statistics"]][7]
}

# Plot

colors <- colorRampPalette(c('royalblue4','deepskyblue3','lightgreen', 'yellow','orange',
'red', 'dark red'))

levelplot(z~x*y, heat_map_data, col.regions=colors, at=seq(-0.00031,0.009,length=500),
  xlab="Core Depth (m)", ylab=expression(paste("Grain Size ( ", mu,"m )")),
  main="IODP Site U1411 Grain Size Distribution",colorkey = TRUE, region = TRUE,
  panel= function(...){
    panel.2dsmoother(...)
    panel.abline(v=159.14, col="white", lty=2, lwd=2)
    panel.abline(v=149.39, col="white", lty=2, lwd=2)
    #panel.text(156.475,"Eocene-Oligocene Boundary", col="white", srt=90, cex=1.5)
    #panel.text(146.5,62,"Oi-1", col="white", srt=90, cex=1.5)
  }, args=list(span=0.015),
  scales=list(x=list(at=seq(0,200,20)), y=list(log=FALSE))) + xyplot(means_SS~depths,
col="black", pch=20, type="p", cex=1)

##### Write all the data to a single spreadsheet #####
all_stats = NULL
for (i in 1:length(samples))
{
  current_stat = cbind(samples[[i]][["name"]],samples[[i]][["Depth"]],
samples[[i]][["Statistics"]], samples[[i]][["PercentTerrigenous"]],
samples[[i]][["PercentSand"]], samples[[i]][["Age"]]) # preface the statistics row with the
file name
  all_stats = rbind(all_stats, current_stat) # append the current statistics row to the bottom
row of "all_stats"

```

```

colnames(all_stats)[1] = "Filename"
colnames(all_stats)[2] = "depth"
colnames(all_stats)[11] = "Percent Terrigenous"
colnames(all_stats)[12] = "Percent Sand"
colnames(all_stats)[13] = "Age"
}
write.csv(all_stats, "all_stats.csv")

##### Stacked Area Plot #####

#make list of all Sand wt. % values
Sand_Wt_Pct = NULL
for (i in 1:length(samples))
{
  Sand_Wt_Pct[i] = samples[[i]][["PercentSand"]]
}

#make list of all silt wt.% values
Silt_Wt_Pct = NULL
for (i in 1:length(samples))
{
  Silt_Wt_Pct[i] = samples[[i]][["Statistics"]][[2]]
}

#make new list of silt wt.% values re-normalized to total weights (including clay, silt, and
sand fraction)
Normalized_Silt_Wt_Pct = NULL
for (i in 1:length(samples))
{
  Normalized_Silt_Wt_Pct[i] = ((1 - Sand_Wt_Pct[i])*(Silt_Wt_Pct[i]))
}

#make list of clay wt.% values re-normalized to total weights (including unmeasured
<0.8um fraction)
Normalized_Clay_Wt_Pct = NULL
for (i in 1:length(samples))
{
  Normalized_Clay_Wt_Pct[i] = (1 - (Sand_Wt_Pct[i] + Normalized_Silt_Wt_Pct[i]))
}

#create data frame that will organize data for plot
X <- c(Normalized_Clay_Wt_Pct, Normalized_Silt_Wt_Pct, Sand_Wt_Pct)
Y <- rep(depths, times=3)
CLAY <- rep("Clay", times=length(samples))

```

```

SILT <- rep("Silt",times=length(samples))
SAND <- rep("Sand",times=length(samples))
GROUP <- c(CLAY,SILT,SAND)

Stacked_area_plot_data <- data.frame(X,Y,GROUP)

#Get rid of "NA"s
Stacked_area_plot_data = Stacked_area_plot_data[complete.cases(Stacked_area_plot_data),]

#plot
ggplot(Stacked_area_plot_data, aes(x=Y, y=X, group=GROUP, fill=GROUP)) +
scale_fill_manual(values=c("lemonchiffon4","lemonchiffon2","lemonchiffon3")) +
ggtitle("Proportions of Clay, Silt, and Sand") + xlab("Depth (m)") + ylab("Mass Fraction") +
geom_area(position="fill")
last_plot() + coord_flip()
last_plot() + scale_x_reverse()

##### Plotting sample statistics #####

DATA = all_stats

##### WT. PERCENTAGES (BY DEPTH) #####
#mar sets the margins (bottom, left, top, right)
#mfrow sets up a grid of plots (num rows, num cols)
par(mfrow=c(1,5), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
want
# plot 1-63um percentages
# cex = text size, ylim = y limits, ylab = y label, las = style of axis labels
plot(DATA[, "WT_163"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction 1-63",
mu,"m")))) #Ask Brian about format of plot arguments
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")

# plot 4-63um percentages
plot(DATA[, "WT_463"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction 4-63",
mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)

```

```

abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")

# plot 10-63um percentages
plot(DATA[, "WT_1063"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction 10-63",
mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")

# plot 20-63um percentages
plot(DATA[, "WT_2063"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction 20-63",
mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")

#plot wt% sand
plot(DATA[, "Percent Sand"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction Sand")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

#####

##### WT. PERCENTAGES (BY Age) #####
#mar sets the margins (bottom, left, top, right)
#mfrow sets up a grid of plots (num rows, num cols)

```

```

par(mfrow=c(1,4), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
want
# plot 1-63um percentages
# cex = text size, ylim = y limits, ylab = y label, las = style of axis labels
plot(DATA[, "WT_163"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("Mass Fraction 1-63", mu,"m"))) #Ask Brian
about format of plot arguments
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

# plot 4-63um percentages
plot(DATA[, "WT_463"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("Mass Fraction 4-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

# plot 10-63um percentages
plot(DATA[, "WT_1063"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("Mass Fraction 10-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

# plot 20-63um percentages
plot(DATA[, "WT_2063"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("Mass Fraction 20-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

```

```
#plot wt% sand
plot(DATA[, "Percent Sand"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
  ylab="Age (Ma)", xlab=expression(paste("Mass Fraction Sand"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
##### MEANS (BY DEPTH) #####
par(mfrow=c(1,5), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt
# plot 1-63um mean
plot(DATA[, "MEAN_163"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mean 1-63", mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")
```

```
# plot 4-63um mean
plot(DATA[, "MEAN_463"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mean 4-63", mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")
```

```
# plot 10-63um mean
plot(DATA[, "MEAN_1063"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mean 10-63", mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
```

```

abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
# text(51,151.7, "Eocene-Oligocene boundary", cex=0.8, col="red")

####

##### MEANS (BY Age) #####
par(mfrow=c(1,4), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt
# plot 1-63um mean
plot(DATA[, "MEAN_163"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("mean 1-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

# plot 4-63um mean
plot(DATA[, "MEAN_463"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("mean 4-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

# plot 10-63um mean
plot(DATA[, "MEAN_1063"], DATA[, "Age"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(26,35)),
      ylab="Age (Ma)", xlab=expression(paste("mean 10-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

##### SORTABLE SILT (BY DEPTH) #####
par(mfrow=c(1,3), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt

```

```
# plot 10-63um percentages
```

```
#wt% 10-63
```

```
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubsetDepth ~ SubsetSSWtPct, type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction SS")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(6,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
# plot 10-63um mean
```

```
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubsetDepth ~ SubsetMeanSS, type='p', pch=19, cex=0.65, las=1, ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mean SS")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
ZACHOS = read.csv("Zachos_data.csv", sep=",")
```

```
Oxygen = ZACHOS$Oxygen # identifies column in spread sheet
```

```
Age = ZACHOS$Age # identifies column in spread sheet
```

```
plot(Oxygen, Age, type='l', pch=21, cex=0.1,
  xlim=c(3,1.4), ylim=c(35,32),
  ylab="Age (Ma)", xlab=expression(paste(delta^"18", "O")))
minor.tick(ny=5, nx=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
```

```
##### SORTABLE SILT (BY AGE) #####
```

```
par(mfrow=c(1,4), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt
```

```
# plot 10-63um mean vs. Age
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetAge <- (subset(DATA[, "Age"], DATA[, "WT_1063"] > 0.03))
plot(SubSetAge ~ SubsetMeanSS, type='o', pch=19, cex=0.75, las=1, ylim=rev(c(26,35)),
     ylab="Age (Ma)", xlab=expression(paste("Mean SS"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,33.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
#wt% 10-63 vs. age
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))
SubsetAge <- (subset(DATA[, "Age"], DATA[, "WT_1063"] > 0.03))
plot(SubSetAge ~ SubsetSSWtPct, type='o', pch=19, cex=0.75, las=1, ylim=rev(c(26,35)),
     ylab="Age (Ma)", xlab=expression(paste("Mass Fraction SS"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(6,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
#plot wt% sand
plot(DATA[, "Percent Sand"], DATA[, "Age"], type='o', pch=19, cex=0.75, las=1,
     ylim=rev(c(26,35)),
     ylab="Age (Ma)", xlab=expression(paste("Mass Fraction Sand"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")
```

```
#-----
#-----
```

```
# To load and plot Zachos d18O data
```

```
ZACHOS = read.csv("Zachos_data.csv", sep=",")
Oxygen = ZACHOS$Oxygen # identifies column in spread sheet
Age = ZACHOS$Age # identifies column in spread sheet
```

```
plot(Oxygen, Age, type='l', pch=21, cex=0.1,
```

```

xlim=c(3,1.4), ylim=c(35,26),
ylab="Age (Ma)", xlab=expression(paste(delta^"18","O")))
minor.tick(ny=5, nx=5, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

```

To load and plot XRF data

```

par(mfrow=c(1,3), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt

```

```

XRF = read.csv("XRF_data_for_plotting.csv", sep=",")
Depth = XRF$CCSF
Zr_Rb = XRF$Zr_Rb

```

```

plot(Zr_Rb, Depth, type='l', pch=19, cex=0.65,
     xlim=c(0,12), ylim=c(195, 20),
     ylab="Depth (m)", xlab="Zr/Rb")
minor.tick(ny=5, nx=1, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

```

```

XRF = read.csv("XRF_data_for_plotting.csv", sep=",")
Depth = XRF$CCSF
Zr_Ti = XRF$Zr_Ti

```

```

plot(Zr_Ti, Depth, type='l', pch=19, cex=0.65,
     xlim=c(0,12), ylim=c(195, 20),
     ylab="Depth (m)", xlab="Zr/Ti")
minor.tick(ny=5, nx=1, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

```

```

XRF = read.csv("XRF_data_for_plotting.csv", sep=",")
Depth = XRF$CCSF
Zr_Al = XRF$Zr_Al

```

```

plot(Zr_Al, Depth, type='l', pch=19, cex=0.65,

```

```

xlim=c(0,12), ylim=c(195, 20),
ylab="Depth (m)", xlab="Zr/Al")
minor.tick(ny=5, nx=1, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

#Plot mean SS vs. Wt.% silt (with best fit line)
MeanSS <- as.numeric(DATA[, "MEAN_1063"])
WtPctSS <- as.numeric(DATA[, "WT_1063"])
lmfit <- lm(MeanSS ~ WtPctSS)
par(mfrow=c(1,1), mar=c(5,4,1,1))
plot(DATA[, "WT_1063"], DATA[, "MEAN_1063"], type='p', main="Mass Fraction SS vs. Mean
SS ", pch=19, cex=0.65, las=1, xlim=c(0,0.25), ylim=c(10,45),
      xlab= expression(paste("Mass Fraction 10-63", mu,"m")), ylab=expression(paste("Mean
10-63", mu,"m")))
minor.tick(nx=5, ny=5, tick.ratio=0.5)
abline(lmfit)

#Plot mean SS vs. Wt.% SS for greater than 3 Wt.%
MeanSS <- as.numeric(DATA[, "MEAN_1063"])
WtPctSS <- as.numeric(DATA[, "WT_1063"])
lmfit2 <- lm(MeanSS ~ WtPctSS, subset = WtPctSS > 0.03)
par(mfrow=c(1,1), mar=c(5,4,1,1))
plot(MeanSS ~ WtPctSS, subset = WtPctSS > 0.03, type='p', main="Mass Fraction SS vs.
Mean SS ", pch=19, cex=0.65, las=1, xlim=c(0,0.25), ylim=c(10,45),
      xlab= expression(paste("Mass Fraction 10-63", mu,"m")), ylab=expression(paste("Mean
10-63", mu,"m")))
minor.tick(nx=5, ny=5, tick.ratio=0.5)
abline(lmfit2)

#Plot mean SS vs. Wt.% SS for greater than 3 Wt.% and prior to Oi-1:
par(mfrow=c(1,1), mar=c(5,4,1,1))
SubsetMeans <- as.numeric(subset(DATA[, "MEAN_1063"], DATA[, "depth"] > 149.39 &
DATA[, "WT_1063"] > 0.03))
SubsetWtPcts <- as.numeric(subset(DATA[, "WT_1063"], DATA[, "depth"] > 149.39 &
DATA[, "WT_1063"] > 0.03))
lmfit3 <- lm(SubsetMeans ~ SubsetWtPcts)
plot(SubsetMeans ~ SubsetWtPcts, type='p', main="Mass Fraction SS vs. Mean SS ", pch=19,
cex=0.65, las=1, xlim=c(0,0.25), ylim=c(10,45),
      xlab= expression(paste("Mass Fraction 10-63", mu,"m")), ylab=expression(paste("Mean
10-63", mu,"m")))
minor.tick(nx=5, ny=5, tick.ratio=0.5)
abline(lmfit3)

```

```

##Plot SS and Sand data (including mean and median for sand)
par(mfrow=c(1,5), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt

#wt% 10-63
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubstetDepth ~ SubsetSSWtPct, type='o', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction SS")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(6,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

# plot 10-63um mean
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubstetDepth ~ SubsetMeanSS, type='o', pch=19, cex=0.65, las=1, ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mean SS")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

#plot wt% sand
plot(DATA[, "Percent Sand"], DATA[, "depth"], type='o', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("Mass Fraction Sand")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
text(20,151.7, "Eocene-Oligocene boundary", cex=0.6, col="red")

#plot mean sand
DATA2 = read.csv("dgs_for_R.csv", header=TRUE)

```

```

plot(DATA2[, "mean_nofilter"], DATA2[, "depth"], type='o', pch=19, cex=0.5, las=1,
ylim=rev(c(20,195)),
  xlim=c(60,140), ylab="Depth (meters below sea floor)", xlab="Mean Sand")
minor.tick(nx=2, ny=4, tick.ratio=0.5)

#plot median sand
plot(DATA2[, "median_nofilter"], DATA2[, "depth"], type='o', pch=19, cex=0.5, las=1,
ylim=rev(c(20,195)),
  xlim=c(60,140), ylab="Depth (meters below sea floor)", xlab="Median Sand")
minor.tick(nx=2, ny=4, tick.ratio=0.5)

```

Figures to be used in Thesis

```

#Horizontal mean SS, wt% SS, wt% sand, Ncar
par(mfrow=c(6,1), mar=c(2,4,2,1)) # change second character in mfrow to # of plots you
wnt

# plot 10-63um mean
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubstetMeanSS ~ SubstetDepth, type='o', col="violetred", pch=19, cex=0.65, las=1,
  ylab=expression(paste("Mean SS (",mu,"m)")), xaxt="n")
  minor.tick(nx=0, ny=2, tick.ratio=0.5)

# plot mean SS moving average
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
plot(SubstetDepth, mav(SubstetMeanSS, 9), type='l',
  ylab = expression(paste("Mean SS Moving Avg. (",mu,"m)")), col="darkviolet", xaxt="n")

#wt% 10-63
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubstetSSWtPct ~ SubstetDepth, type='o', col="blue", pch=19, cex=0.65, las=1,
  ylab=expression(paste("Mass Fraction SS")), xaxt="n")
  minor.tick(nx=0, ny=2, tick.ratio=0.5)

#wt% SS moving average
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
plot(SubstetDepth, mav(SubstetSSWtPct, 9), type='l',

```

```
ylab = expression(paste("Mass Fraction SS Moving Avg. (" ,mu,"m)")), col="dodgerblue3",
xaxt="n")
```

```
#plot wt% sand
plot(DATA[, "depth"], DATA[, "Percent Sand"], type='o', col="seagreen", pch=19, cex=0.65,
las=1,
ylab=expression(paste("Mass Fraction Sand"))))
minor.tick(nx=5, ny=0, tick.ratio=0.5)
```

```
#Plot Carb content with other plots (if including change mfrow to 7,1)
#Carb_DATA = read.csv("CarbCont.csv")
#plot(Carb_DATA[, "Depth"], Carb_DATA[, "Carb"], type='o', pch=19, cex=0.65, las=1,
ylab = "Carb Content", xlab = "Depth (m)")
```

```
#plot NCar
nCar_DATA=read.csv("1411MAR.csv", header=TRUE)
plot(nCar_DATA[, "Age_Ma"], nCar_DATA[, "nCAR_g_cm2_ky"], type='l',
xlim = rev(c(36, 26.08)), ylab = "nCAR (g/cm2/ky)", col="darkorange1", xaxt="n")
```

Figures to be used in Thesis (Zoomed to EOT)

```
#Horizontal mean SS, wt% SS, wt% sand, Ncar
par(mfrow=c(5,1), mar=c(2,4,2,1)) # change second character in mfrow to # of plots you
want
```

```
# plot 10-63um mean
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubsetMeanSS ~ SubsetDepth, type='o', col="violetred", pch=19, cex=0.65, las=1,
ylab=expression(paste("Mean SS (" ,mu,"m)")), xaxt="n", xlim=c(125,200))
minor.tick(nx=0, ny=2, tick.ratio=0.5)
```

```
# plot mean SS moving average
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
plot(SubsetDepth, mav(SubsetMeanSS, 9), type='l', xlim=c(125,200), ylim = c(19,26),
ylab = expression(paste("Mean SS Moving Avg. (" ,mu,"m)")), col="darkviolet", xaxt="n")
```

```
#wt% 10-63
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))
SubsetDepth <- (subset(DATA[, "depth"], DATA[, "WT_1063"] > 0.03))
plot(SubsetSSWtPct ~ SubsetDepth, type='o', col="blue", pch=19, cex=0.65, las=1,
ylab=expression(paste("Mass Fraction SS")), xaxt="n", xlim=c(125,200),
ylim=c(0.025,0.175))
```

```

minor.tick(nx=0, ny=2, tick.ratio=0.5)

#wt% SS moving average
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
plot(SubsetDepth, mav(SubsetSSWtPct, 9), type='l', xlim=c(125,200), ylim=c(0.05,0.12),
     ylab = expression(paste("Mass Fraction SS Moving Avg. (",mu,"m)")), col="dodgerblue3",
     xaxt="n")

#plot wt% sand
plot(DATA[, "depth"], DATA[, "Percent Sand"], type='o', col="seagreen", pch=19, cex=0.65,
     las=1, xlim=c(125,200), ylim=c(0,0.06),
     ylab=expression(paste("Mass Fraction Sand"))))
minor.tick(nx=5, ny=0, tick.ratio=0.5)

## Carb content alone##
par(mfrow=c(1,1), mar=c(12,4,12,1))
Carb_DATA = read.csv("CarbCont.csv")
plot(Carb_DATA[, "Depth"], Carb_DATA[, "Carb"], pch = 20, cex = 0.25,
     ylab = "Carb Content", xlab = "Depth (m)")

## SS data compared with other data sets (oxygen, pCO2, carbon)

par(mfrow=c(5,1), mar=c(2,4,2,1))

#Mean SS vs age
SubsetMeanSS <- (subset(DATA[, "MEAN_1063"], DATA[, "WT_1063"] > 0.03))
SubsetAge <- (subset(DATA[, "Age"], DATA[, "WT_1063"] > 0.03))
plot(SubsetMeanSS ~ SubsetAge, type='o', col="violetred", pch=19, cex=0.65, las=1,
     ylab=expression(paste("Mean SS (",mu,"m)")), xaxt="n", xlim=c(26,36))
minor.tick(nx=0, ny=2, tick.ratio=0.5)

# plot mean SS moving average
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
#plot(SubsetAge, mav(SubsetMeanSS, 8), type='l', xlim=c(26,36),
     # ylab = expression(paste("Mean SS Moving Avg. (",mu,"m)")), col="darkviolet",
     # xaxt="n")

#Wt% SS vs age
SubsetSSWtPct <- (subset(DATA[, "WT_1063"], DATA[, "WT_1063"] > 0.03))

```

```

SubsetAge1 <- (subset(DATA,"Age", DATA["WT_1063"] > 0.03))
plot(SubstetSSWtPct ~ SubsetAge1, type='o', col="blue", pch=19, cex=0.65, las=1,
     ylab=expression(paste("Wt.% SS")), xlim=c(26,36))
     minor.tick(nx=0, ny=2, tick.ratio=0.5)

#plot wt% SS moving avg.
mav <- function(x,n=5){filter(x,rep(1/n,n), method=c("convolution"), sides=2)}
#plot(SubstetAge, mav(SubstetSSWtPct, 8), type='l', xlim=c(26,36),
     #ylab = expression(paste("Mass Fraction SS Moving Avg. (" ,mu,"m)")),
     col="dodgerblue3", xaxt="n")

#oxygen isotope data
ZACHOS = read.csv("Zachos_data.csv", sep=",")
Oxygen = ZACHOS$Oxygen # identifies column in spread sheet
Age = ZACHOS$Age # identifies column in spread sheet

plot(Age, Oxygen, type='l',
     xlim=c(26, 36), xlab="Age (Ma)", ylim=c(0,3))

#carbon isotope data
Carbon = ZACHOS$Carbon
plot(Age, Carbon, type = 'l', xlim=c(26,36), ylim=c(-1,2))

#pCO2
Zhang1 = read.csv("Zhangpco2.csv")
pco2 = Zhang1$pco2
Age2 = Zhang1$Age
plot(Age2,pco2, type = 'o', xlim = c(26,36), pch=19, cex=0.65)

##Plot Southampton PDFs in stratigraphic order
par(mfcol=c(10,2), mar=c(1,1,1,1)) #two columns of 10
#par(mfcol=c(20,1), mar=c(1,1,1,1)) #one column of 20

plot(samples[[1]][["PDF_Corrected"]][,1],samples[[1]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
     xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[2]][["PDF_Corrected"]][,1],samples[[2]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),

```

```

xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[3]][["PDF_Corrected"]][,1],samples[[3]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[4]][["PDF_Corrected"]][,1],samples[[4]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[5]][["PDF_Corrected"]][,1],samples[[5]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[6]][["PDF_Corrected"]][,1],samples[[6]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[7]][["PDF_Corrected"]][,1],samples[[7]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[8]][["PDF_Corrected"]][,1],samples[[8]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[9]][["PDF_Corrected"]][,1],samples[[9]][["PDF_Corrected"]][,2],xlim=c(0,65)
, ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[10]][["PDF_Corrected"]][,1],samples[[10]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[11]][["PDF_Corrected"]][,1],samples[[11]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[12]][["PDF_Corrected"]][,1],samples[[12]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[13]][["PDF_Corrected"]][,1],samples[[13]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

```

```

plot(samples[[14]][["PDF_Corrected"]][,1],samples[[14]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[15]][["PDF_Corrected"]][,1],samples[[15]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[16]][["PDF_Corrected"]][,1],samples[[16]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[17]][["PDF_Corrected"]][,1],samples[[17]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[18]][["PDF_Corrected"]][,1],samples[[18]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[19]][["PDF_Corrected"]][,1],samples[[19]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

plot(samples[[20]][["PDF_Corrected"]][,1],samples[[20]][["PDF_Corrected"]][,2],xlim=c(0,
65), ylim=c(0,.02),
      xlab=expression(paste("Grain Size ( ", mu,"m )")), ylab="Probability Density", type="l")

```

Brian's code for May 21 stuff --- minor display parameters changed,
otherwise same as above

```
DATA = all_stats
```

```
par(mfrow=c(1,4), mar=c(5,4,1,1))
```

```

plot(DATA[, "WT_463"], DATA[, "depth"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(20,195)),
      ylab="Depth (meters below sea floor)", xlab=expression(paste("mass fraction 4-63",
mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d180 excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

```

```

plot(DATA[, "WT_1063"], DATA[, "depth"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mass fraction 10-63",
mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
plot(DATA[, "MEAN_1063"], DATA[, "depth"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mean 10-63", mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
plot(DATA[, "Percent Sand"], DATA[, "depth"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mass fraction >63",
mu,"m"))))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

par(mfrow=c(1,4), mar=c(5,4,1,1))

plot(DATA[, "WT_463"], DATA[, "Age"], type='p', pch=19, cex=.65, las=1, ylim=rev(c(26,35)),
  ylab="Age (Ma)", xlab=expression(paste("mass fraction 4-63", mu,"m"))))
minor.tick(nx=2, ny=4, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
plot(DATA[, "WT_1063"], DATA[, "Age"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(26,35)),
  ylab="Age (Ma)", xlab=expression(paste("mass fraction 10-63", mu,"m"))))
minor.tick(nx=2, ny=4, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

```

```

plot(DATA[, "MEAN_1063"], DATA[, "Age"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(26,35)),
  ylab="Age (Ma)", xlab=expression(paste("mean 10-63", mu,"m")))
minor.tick(nx=2, ny=4, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
plot(DATA[, "Percent Sand"], DATA[, "Age"], type='p', pch=19, cex=.65, las=1,
ylim=rev(c(26,35)),
  ylab="Age (Ma)", xlab=expression(paste("mass fraction >63", mu,"m")))
minor.tick(nx=2, ny=4, tick.ratio=0.5)
abline(h=c(34), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et al.
2012)
abline(h=c(33.7), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(33.55), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)

##Plotting Locations of Large Quartz Grains on SS Plots (to look for correlation with SS
trends)##

par(mfrow=c(1,2), mar=c(5,4,1,1)) # change second character in mfrow to # of plots you
wnt
# plot 10-63um percentages

#wt% 10-63
plot(DATA[, "WT_1063"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("wt% 10-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
abline(h=c(140.93), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
abline(h=c(39.94), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
abline(h=c(29.95), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
text(0.1,158, "E-O boundary", cex=0.6, col="red")
text(0.19,139, "Qtz Grain 1", cex=0.6, col="gold")
text(0.19,38, "Qtz Grain 2", cex=0.6, col="gold")
text(0.19,28, "Qtz Grain 3", cex=0.6, col="gold")

# plot 10-63um mean

```

```

plot(DATA[, "MEAN_1063"], DATA[, "depth"], type='p', pch=19, cex=0.65, las=1,
ylim=rev(c(20,195)),
  ylab="Depth (meters below sea floor)", xlab=expression(paste("mean 10-63", mu,"m")))
minor.tick(nx=2, ny=5, tick.ratio=0.5)
abline(h=c(169.5), col="green", lwd=0.8) # onset of 'precursor' d18O excursion (Wade et
al. 2012)
abline(h=c(159.14), col="red", lwd=0.8) # E-O boundary (Wade et al. 2012)
abline(h=c(149.39), col="blue", lwd=0.8) # onset of Oi-1 (Wade et al. 2012)
abline(h=c(140.93), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
abline(h=c(39.94), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
abline(h=c(29.95), col="gold", lwd=2.5) #location of sample with large qtz grain in sand
fraction
text(25,158, "E-O boundary", cex=0.6, col="red")
text(36.5,139, "Qtz Grain 1", cex=0.6, col="gold")
text(36.5,38, "Qtz Grain 2", cex=0.6, col="gold")
text(36.5,28, "Qtz Grain 3", cex=0.6, col="gold")

```

Appendix 4

Raw SediGraph Data

Appendix 4: Raw SediGraph Data of IODP Site U1411 Samples

RawTest1 and RawTest2 for each sample correspond to raw "cumulative mass finer" values (two runs per sample) for corresponding grain size bins in Column A.

Grain Size (µm)	name	depth	RawTest1	RawTest2	name.1	depth.1	RawTest1. RawTest2.1	name.2	depth.2	RawTest1. RawTest2.2
64.93816316	ZB101015.	80.01	1.026742	0.96996	ZB101105.	80.91	0.961834 1.023098	ZB102045.	81.81	0.978343 1.007506
61.30557921	ZB101015.	80.01	1.024446	0.972788	ZB101105.	80.91	0.962887 1.024159	ZB102045.	81.81	0.978846 1.006249
57.87619883	ZB101015.	80.01	1.020194	0.978324	ZB101105.	80.91	0.964794 1.0252	ZB102045.	81.81	0.979568 1.003405
54.63865499	ZB101015.	80.01	1.016459	0.983609	ZB101105.	80.91	0.96626 1.02446	ZB102045.	81.81	0.980008 1.00018
51.58221651	ZB101015.	80.01	1.013284	0.988381	ZB101105.	80.91	0.967071 1.021588	ZB102045.	81.81	0.980265 0.996755
48.69675252	ZB101015.	80.01	1.010617	0.992327	ZB101105.	80.91	0.967084 1.016449	ZB102045.	81.81	0.980372 0.99335
45.97269885	ZB101015.	80.01	1.008289	0.995168	ZB101105.	80.91	0.966286 1.009151	ZB102045.	81.81	0.980249 0.990147
43.40102636	ZB101015.	80.01	1.006037	0.996766	ZB101105.	80.91	0.964798 1.000056	ZB102045.	81.81	0.979735 0.987209
40.97321098	ZB101015.	80.01	1.003585	0.99719	ZB101105.	80.91	0.962832 0.989784	ZB102045.	81.81	0.978689 0.984444
38.68120546	ZB101015.	80.01	1.000763	0.996714	ZB101105.	80.91	0.960623 0.979206	ZB102045.	81.81	0.977113 0.981654
36.51741273	ZB101015.	80.01	0.997579	0.995736	ZB101105.	80.91	0.958358 0.969353	ZB102045.	81.81	0.975216 0.978604
34.47466066	ZB101015.	80.01	0.994219	0.994638	ZB101105.	80.91	0.956132 0.961257	ZB102045.	81.81	0.973352 0.975114
32.54617835	ZB101015.	80.01	0.990931	0.993625	ZB101105.	80.91	0.95394 0.955682	ZB102045.	81.81	0.971849 0.971131
30.72557365	ZB101015.	80.01	0.987858	0.992612	ZB101105.	80.91	0.951686 0.952842	ZB102045.	81.81	0.970798 0.966789
29.00681199	ZB101015.	80.01	0.984934	0.99121	ZB101105.	80.91	0.949199 0.952244	ZB102045.	81.81	0.96993 0.962408
27.38419634	ZB101015.	80.01	0.981903	0.988874	ZB101105.	80.91	0.946284 0.952787	ZB102045.	81.81	0.968691 0.958447
25.8523484	ZB101015.	80.01	0.978454	0.985181	ZB101105.	80.91	0.942777 0.953068	ZB102045.	81.81	0.966493 0.955406
24.40619068	ZB101015.	80.01	0.974395	0.980074	ZB101105.	80.91	0.938628 0.951809	ZB102045.	81.81	0.963038 0.953659
23.04092976	ZB101015.	80.01	0.96974	0.97394	ZB101105.	80.91	0.933969 0.94825	ZB102045.	81.81	0.958558 0.953283
21.75204034	ZB101015.	80.01	0.964719	0.96744	ZB101105.	80.91	0.929078 0.942318	ZB102045.	81.81	0.953809 0.95394
20.53525026	ZB101015.	80.01	0.95972	0.961212	ZB101105.	80.91	0.924266 0.934552	ZB102045.	81.81	0.949775 0.954882
19.38652636	ZB101015.	80.01	0.955239	0.95562	ZB101105.	80.91	0.919724 0.925818	ZB102045.	81.81	0.947255 0.955094
18.30206106	ZB101015.	80.01	0.951801	0.950692	ZB101105.	80.91	0.915404 0.916912	ZB102045.	81.81	0.946503 0.953556
17.27825981	ZB101015.	80.01	0.949815	0.946259	ZB101105.	80.91	0.911074 0.908268	ZB102045.	81.81	0.947064 0.949551
16.31172909	ZB101015.	80.01	0.949379	0.942195	ZB101105.	80.91	0.906458 0.899951	ZB102045.	81.81	0.948039 0.942902
15.39926526	ZB101015.	80.01	0.950105	0.938549	ZB101105.	80.91	0.901418 0.891883	ZB102045.	81.81	0.948268 0.934091
14.53784386	ZB101015.	80.01	0.951077	0.935502	ZB101105.	80.91	0.896 0.884129	ZB102045.	81.81	0.946664 0.924209
13.72460961	ZB101015.	80.01	0.951076	0.933204	ZB101105.	80.91	0.890322 0.877007	ZB102045.	81.81	0.942448 0.914676
12.95686698	ZB101015.	80.01	0.949039	0.931623	ZB101105.	80.91	0.884367 0.870907	ZB102045.	81.81	0.935307 0.906859
12.23207119	ZB101015.	80.01	0.944534	0.930524	ZB101105.	80.91	0.877872 0.865957	ZB102045.	81.81	0.925515 0.901653
11.54781985	ZB101015.	80.01	0.937994	0.929512	ZB101105.	80.91	0.870426 0.861757	ZB102045.	81.81	0.913953 0.899237
10.90184492	ZB101015.	80.01	0.930543	0.928157	ZB101105.	80.91	0.861751 0.857464	ZB102045.	81.81	0.90196 0.899052
10.29200527	ZB101015.	80.01	0.923503	0.926087	ZB101105.	80.91	0.851966 0.852166	ZB102045.	81.81	0.890943 0.900039
9.716279516	ZB101015.	80.01	0.917857	0.923067	ZB101105.	80.91	0.841684 0.845358	ZB102045.	81.81	0.881936 0.901005
9.172759354	ZB101015.	80.01	0.9139	0.919038	ZB101105.	80.91	0.831854 0.83717	ZB102045.	81.81	0.875255 0.900981
8.659643234	ZB101015.	80.01	0.911256	0.914153	ZB101105.	80.91	0.823425 0.828243	ZB102045.	81.81	0.870464 0.899403
8.175230379	ZB101015.	80.01	0.909161	0.908757	ZB101105.	80.91	0.816975 0.819331	ZB102045.	81.81	0.866675 0.896112
7.717915156	ZB101015.	80.01	0.906833	0.903278	ZB101105.	80.91	0.812508 0.810939	ZB102045.	81.81	0.862972 0.891191
7.286181745	ZB101015.	80.01	0.903732	0.898078	ZB101105.	80.91	0.809451 0.803183	ZB102045.	81.81	0.85879 0.884798
6.878599123	ZB101015.	80.01	0.899669	0.893299	ZB101105.	80.91	0.806817 0.795887	ZB102045.	81.81	0.853987 0.877082
6.493816316	ZB101015.	80.01	0.894706	0.888785	ZB101105.	80.91	0.803493 0.788745	ZB102045.	81.81	0.848671 0.868157
6.130557921	ZB101015.	80.01	0.888995	0.884126	ZB101105.	80.91	0.79857 0.781423	ZB102045.	81.81	0.842921 0.858135
5.787619883	ZB101015.	80.01	0.882636	0.878782	ZB101105.	80.91	0.791595 0.773586	ZB102045.	81.81	0.836627 0.847153
5.463865499	ZB101015.	80.01	0.875645	0.872271	ZB101105.	80.91	0.782704 0.764974	ZB102045.	81.81	0.829511 0.835426
5.158221651	ZB101015.	80.01	0.868019	0.864377	ZB101105.	80.91	0.772542 0.755558	ZB102045.	81.81	0.821334 0.823279
4.869675252	ZB101015.	80.01	0.859832	0.855324	ZB101105.	80.91	0.76205 0.745686	ZB102045.	81.81	0.812103 0.81117
4.597269885	ZB101015.	80.01	0.851295	0.845824	ZB101105.	80.91	0.752164 0.736049	ZB102045.	81.81	0.802164 0.799628
4.340102636	ZB101015.	80.01	0.842716	0.836926	ZB101105.	80.91	0.74357 0.727447	ZB102045.	81.81	0.792125 0.789159
4.097321098	ZB101015.	80.01	0.8344	0.829623	ZB101105.	80.91	0.736552 0.720399	ZB102045.	81.81	0.782646 0.780133
3.868120546	ZB101015.	80.01	0.826563	0.824407	ZB101105.	80.91	0.730929 0.714909	ZB102045.	81.81	0.774167 0.772684
3.651741273	ZB101015.	80.01	0.819279	0.820982	ZB101105.	80.91	0.726081 0.710495	ZB102045.	81.81	0.766777 0.766646
3.447466066	ZB101015.	80.01	0.812501	0.81831	ZB101105.	80.91	0.721058 0.706456	ZB102045.	81.81	0.760274 0.761549
3.254617835	ZB101015.	80.01	0.806126	0.815028	ZB101105.	80.91	0.714813 0.702167	ZB102045.	81.81	0.754399 0.756688
3.072557365	ZB101015.	80.01	0.800064	0.810058	ZB101105.	80.91	0.706561 0.69725	ZB102045.	81.81	0.749054 0.751333
2.900681199	ZB101015.	80.01	0.794244	0.803045	ZB101105.	80.91	0.696141 0.691558	ZB102045.	81.81	0.744355 0.744999
2.738419634	ZB101015.	80.01	0.788596	0.794422	ZB101105.	80.91	0.684205 0.685109	ZB102045.	81.81	0.740455 0.737686
2.58523484	ZB101015.	80.01	0.78302	0.785087	ZB101105.	80.91	0.672064 0.678045	ZB102045.	81.81	0.737286 0.729909
2.440619068	ZB101015.	80.01	0.777399	0.775903	ZB101105.	80.91	0.661243 0.670637	ZB102045.	81.81	0.734402 0.722444
2.304092976	ZB101015.	80.01	0.771651	0.767375	ZB101105.	80.91	0.652916 0.663268	ZB102045.	81.81	0.731141 0.715956
2.175204034	ZB101015.	80.01	0.765776	0.759618	ZB101105.	80.91	0.647517 0.65636	ZB102045.	81.81	0.726987 0.710664
2.053525026	ZB101015.	80.01	0.759855	0.75256	ZB101105.	80.91	0.64467 0.650237	ZB102045.	81.81	0.721881 0.706266
1.938652636	ZB101015.	80.01	0.754009	0.746164	ZB101105.	80.91	0.643455 0.645059	ZB102045.	81.81	0.716257 0.702148
1.830206106	ZB101015.	80.01	0.748364	0.740495	ZB101105.	80.91	0.642839 0.640845	ZB102045.	81.81	0.710723 0.697731
1.727825981	ZB101015.	80.01	0.743005	0.735602	ZB101105.	80.91	0.642009 0.637519	ZB102045.	81.81	0.705629 0.692722
1.631172909	ZB101015.	80.01	0.73795	0.731356	ZB101105.	80.91	0.640461 0.6349	ZB102045.	81.81	0.7008 0.687156
1.539926526	ZB101015.	80.01	0.733116	0.727371	ZB101105.	80.91	0.637933 0.632594	ZB102045.	81.81	0.695658 0.681248
1.453784386	ZB101015.	80.01	0.72834	0.723115	ZB101105.	80.91	0.634246 0.629972	ZB102045.	81.81	0.689599 0.675212
1.372460961	ZB101015.	80.01	0.723447	0.718109	ZB101105.	80.91	0.62925 0.626339	ZB102045.	81.81	0.682416 0.669195
1.295686698	ZB101015.	80.01	0.718338	0.712129	ZB101105.	80.91	0.622895 0.621302	ZB102045.	81.81	0.674448 0.663323
1.223207119	ZB101015.	80.01	0.713062	0.705296	ZB101105.	80.91	0.615412 0.615103	ZB102045.	81.81	0.666436 0.657757
1.154781985	ZB101015.	80.01	0.707791	0.698086	ZB101105.	80.91	0.607442 0.608673	ZB102045.	81.81	0.659168 0.651268
1.090184492	ZB101015.	80.01	0.702793	0.691309	ZB101105.	80.91	0.60006 0.603299	ZB102045.	81.81	0.653076 0.648211
1.029200527	ZB101015.	80.01	0.698463	0.686161	ZB101105.	80.91	0.594665 0.600151	ZB102045.	81.81	0.647918 0.644354
0.971627952	ZB101015.	80.01	0.695442	0.684289	ZB101105.	80.91	0.592784 0.599936	ZB102045.	81.81	0.642589 0.640952
0.917275935	ZB101015.	80.01	0.694763	0.68775	ZB101105.	80.91	0.595818 0.602907	ZB102045.	81.81	0.635155 0.637744
0.865964323	ZB101015.	80.01	0.697839	0.698718	ZB101105.	80.91	0.604793 0.609152	ZB102045.	81.81	0.623175 0.634431
0.817523038	ZB101015.	80.01	0.706215	0.718987	ZB101105.	80.91	0.620177 0.618855	ZB102045.	81.81	0.604273 0.630737

name.3	depth.3	RawTest1.	RawTest2.3	name.4	depth.4	RawTest1.	RawTest2.4	name.5	depth.5	RawTest1.	RawTest2.5	name.6	depth.6
ZB102135.	82.71	0.978004	0.963815	ZB103075.	83.61	0.965804	0.99477	ZB104030.	84.66	1.037753	0.975992	ZB105105.	86.91
ZB102135.	82.71	0.978852	0.966664	ZB103075.	83.61	0.965977	0.994189	ZB104030.	84.66	1.036758	0.975067	ZB105105.	86.91
ZB102135.	82.71	0.980088	0.972361	ZB103075.	83.61	0.966793	0.992182	ZB104030.	84.66	1.03387	0.973514	ZB105105.	86.91
ZB102135.	82.71	0.980552	0.978219	ZB103075.	83.61	0.968441	0.98901	ZB104030.	84.66	1.029622	0.972238	ZB105105.	86.91
ZB102135.	82.71	0.980138	0.984159	ZB103075.	83.61	0.971037	0.984865	ZB104030.	84.66	1.024038	0.971037	ZB105105.	86.91
ZB102135.	82.71	0.978871	0.990029	ZB103075.	83.61	0.974443	0.980212	ZB104030.	84.66	1.017397	0.969636	ZB105105.	86.91
ZB102135.	82.71	0.976902	0.995553	ZB103075.	83.61	0.97824	0.975643	ZB104030.	84.66	1.010137	0.967778	ZB105105.	86.91
ZB102135.	82.71	0.974449	1.000191	ZB103075.	83.61	0.981806	0.971697	ZB104030.	84.66	1.002746	0.965332	ZB105105.	86.91
ZB102135.	82.71	0.971717	1.003398	ZB103075.	83.61	0.984455	0.968709	ZB104030.	84.66	0.995687	0.962357	ZB105105.	86.91
ZB102135.	82.71	0.968805	1.004497	ZB103075.	83.61	0.985597	0.966745	ZB104030.	84.66	0.989411	0.959138	ZB105105.	86.91
ZB102135.	82.71	0.965674	1.003055	ZB103075.	83.61	0.984881	0.965651	ZB104030.	84.66	0.98437	0.956142	ZB105105.	86.91
ZB102135.	82.71	0.962179	0.998942	ZB103075.	83.61	0.982281	0.965159	ZB104030.	84.66	0.980967	0.953894	ZB105105.	86.91
ZB102135.	82.71	0.958174	0.992592	ZB103075.	83.61	0.978106	0.964955	ZB104030.	84.66	0.979369	0.952809	ZB105105.	86.91
ZB102135.	82.71	0.953646	0.984894	ZB103075.	83.61	0.972958	0.964704	ZB104030.	84.66	0.979232	0.952989	ZB105105.	86.91
ZB102135.	82.71	0.948829	0.976938	ZB103075.	83.61	0.967595	0.964022	ZB104030.	84.66	0.979555	0.954094	ZB105105.	86.91
ZB102135.	82.71	0.944167	0.969636	ZB103075.	83.61	0.962737	0.962478	ZB104030.	84.66	0.978836	0.955343	ZB105105.	86.91
ZB102135.	82.71	0.940148	0.96344	ZB103075.	83.61	0.958897	0.959707	ZB104030.	84.66	0.975537	0.955721	ZB105105.	86.91
ZB102135.	82.71	0.937081	0.958291	ZB103075.	83.61	0.956267	0.9556	ZB104030.	84.66	0.968745	0.954282	ZB105105.	86.91
ZB102135.	82.71	0.934929	0.953819	ZB103075.	83.61	0.954727	0.950477	ZB104030.	84.66	0.958667	0.950531	ZB105105.	86.91
ZB102135.	82.71	0.933302	0.949624	ZB103075.	83.61	0.953938	0.945082	ZB104030.	84.66	0.946677	0.944655	ZB105105.	86.91
ZB102135.	82.71	0.931627	0.94547	ZB103075.	83.61	0.953472	0.940373	ZB104030.	84.66	0.934857	0.937552	ZB105105.	86.91
ZB102135.	82.71	0.929396	0.941266	ZB103075.	83.61	0.952904	0.937186	ZB104030.	84.66	0.925207	0.930559	ZB105105.	86.91
ZB102135.	82.71	0.926383	0.93691	ZB103075.	83.61	0.951876	0.935877	ZB104030.	84.66	0.918881	0.924948	ZB105105.	86.91
ZB102135.	82.71	0.922713	0.932158	ZB103075.	83.61	0.950147	0.93610	ZB104030.	84.66	0.915787	0.921384	ZB105105.	86.91
ZB102135.	82.71	0.918835	0.926715	ZB103075.	83.61	0.947628	0.937351	ZB104030.	84.66	0.914742	0.919665	ZB105105.	86.91
ZB102135.	82.71	0.915431	0.920508	ZB103075.	83.61	0.944394	0.938358	ZB104030.	84.66	0.914025	0.918885	ZB105105.	86.91
ZB102135.	82.71	0.91327	0.913922	ZB103075.	83.61	0.940618	0.938338	ZB104030.	84.66	0.912082	0.917988	ZB105105.	86.91
ZB102135.	82.71	0.912949	0.907727	ZB103075.	83.61	0.936501	0.936837	ZB104030.	84.66	0.908009	0.916332	ZB105105.	86.91
ZB102135.	82.71	0.914542	0.902714	ZB103075.	83.61	0.932198	0.933932	ZB104030.	84.66	0.901659	0.913905	ZB105105.	86.91
ZB102135.	82.71	0.91733	0.899214	ZB103075.	83.61	0.927821	0.930155	ZB104030.	84.66	0.893466	0.911025	ZB105105.	86.91
ZB102135.	82.71	0.91985	0.89682	ZB103075.	83.61	0.923488	0.926237	ZB104030.	84.66	0.884146	0.907812	ZB105105.	86.91
ZB102135.	82.71	0.920326	0.894523	ZB103075.	83.61	0.91935	0.922821	ZB104030.	84.66	0.874432	0.903874	ZB105105.	86.91
ZB102135.	82.71	0.917387	0.891172	ZB103075.	83.61	0.915519	0.920225	ZB104030.	84.66	0.864899	0.89849	ZB105105.	86.91
ZB102135.	82.71	0.910669	0.88603	ZB103075.	83.61	0.911931	0.918336	ZB104030.	84.66	0.855889	0.891124	ZB105105.	86.91
ZB102135.	82.71	0.901014	0.879124	ZB103075.	83.61	0.908281	0.916656	ZB104030.	84.66	0.847508	0.881842	ZB105105.	86.91
ZB102135.	82.71	0.890046	0.871176	ZB103075.	83.61	0.904073	0.91444	ZB104030.	84.66	0.839682	0.871301	ZB105105.	86.91
ZB102135.	82.71	0.879356	0.863192	ZB103075.	83.61	0.898853	0.910924	ZB104030.	84.66	0.832232	0.860337	ZB105105.	86.91
ZB102135.	82.71	0.869814	0.855945	ZB103075.	83.61	0.892447	0.905567	ZB104030.	84.66	0.825002	0.849515	ZB105105.	86.91
ZB102135.	82.71	0.861303	0.849653	ZB103075.	83.61	0.885069	0.898233	ZB104030.	84.66	0.817967	0.838992	ZB105105.	86.91
ZB102135.	82.71	0.853027	0.843957	ZB103075.	83.61	0.877175	0.889189	ZB104030.	84.66	0.811227	0.828717	ZB105105.	86.91
ZB102135.	82.71	0.844101	0.838186	ZB103075.	83.61	0.869165	0.878953	ZB104030.	84.66	0.804876	0.818718	ZB105105.	86.91
ZB102135.	82.71	0.834029	0.831727	ZB103075.	83.61	0.861118	0.86803	ZB104030.	84.66	0.798775	0.809174	ZB105105.	86.91
ZB102135.	82.71	0.822865	0.82429	ZB103075.	83.61	0.852758	0.856754	ZB104030.	84.66	0.792463	0.80021	ZB105105.	86.91
ZB102135.	82.71	0.811071	0.815963	ZB103075.	83.61	0.84369	0.845269	ZB104030.	84.66	0.78525	0.791659	ZB105105.	86.91
ZB102135.	82.71	0.79924	0.807062	ZB103075.	83.61	0.833734	0.833676	ZB104030.	84.66	0.776547	0.783069	ZB105105.	86.91
ZB102135.	82.71	0.787909	0.797925	ZB103075.	83.61	0.823119	0.8222	ZB104030.	84.66	0.766239	0.777399	ZB105105.	86.91
ZB102135.	82.71	0.777481	0.788773	ZB103075.	83.61	0.812406	0.811229	ZB104030.	84.66	0.754856	0.764339	ZB105105.	86.91
ZB102135.	82.71	0.76819	0.779693	ZB103075.	83.61	0.802179	0.801204	ZB104030.	84.66	0.743425	0.754513	ZB105105.	86.91
ZB102135.	82.71	0.760093	0.770752	ZB103075.	83.61	0.79273	0.792419	ZB104030.	84.66	0.733026	0.745193	ZB105105.	86.91
ZB102135.	82.71	0.753107	0.762108	ZB103075.	83.61	0.78397	0.784879	ZB104030.	84.66	0.724342	0.736964	ZB105105.	86.91
ZB102135.	82.71	0.747083	0.754024	ZB103075.	83.61	0.775598	0.778316	ZB104030.	84.66	0.717401	0.730012	ZB105105.	86.91
ZB102135.	82.71	0.74187	0.746732	ZB103075.	83.61	0.767405	0.772334	ZB104030.	84.66	0.711639	0.72403	ZB105105.	86.91
ZB102135.	82.71	0.737364	0.740279	ZB103075.	83.61	0.7595	0.766593	ZB104030.	84.66	0.706239	0.718349	ZB105105.	86.91
ZB102135.	82.71	0.73348	0.734454	ZB103075.	83.61	0.752276	0.760899	ZB104030.	84.66	0.70054	0.712212	ZB105105.	86.91
ZB102135.	82.71	0.730086	0.728878	ZB103075.	83.61	0.746183	0.755193	ZB104030.	84.66	0.694323	0.705085	ZB105105.	86.91
ZB102135.	82.71	0.726904	0.723176	ZB103075.	83.61	0.741416	0.749492	ZB104030.	84.66	0.687838	0.696942	ZB105105.	86.91
ZB102135.	82.71	0.7235	0.717153	ZB103075.	83.61	0.737754	0.743846	ZB104030.	84.66	0.681561	0.688377	ZB105105.	86.91
ZB102135.	82.71	0.71938	0.710834	ZB103075.	83.61	0.734652	0.738333	ZB104030.	84.66	0.675866	0.680389	ZB105105.	86.91
ZB102135.	82.71	0.714167	0.704382	ZB103075.	83.61	0.731522	0.733036	ZB104030.	84.66	0.670765	0.673923	ZB105105.	86.91
ZB102135.	82.71	0.707762	0.69797	ZB103075.	83.61	0.728016	0.728017	ZB104030.	84.66	0.665858	0.669371	ZB105105.	86.91
ZB102135.	82.71	0.7004	0.691679	ZB103075.	83.61	0.72413	0.7233	ZB104030.	84.66	0.660506	0.666368	ZB105105.	86.91
ZB102135.	82.71	0.692585	0.68551	ZB103075.	83.61	0.720068	0.718871	ZB104030.	84.66	0.654125	0.664021	ZB105105.	86.91
ZB102135.	82.71	0.684939	0.67948	ZB103075.	83.61	0.716	0.714678	ZB104030.	84.66	0.646521	0.661442	ZB105105.	86.91
ZB102135.	82.71	0.678023	0.673668	ZB103075.	83.61	0.71187	0.710596	ZB104030.	84.66	0.638052	0.658162	ZB105105.	86.91
ZB102135.	82.71	0.672156	0.668178	ZB103075.	83.61	0.707383	0.706405	ZB104030.	84.66	0.629573	0.654223	ZB105105.	86.91
ZB102135.	82.71	0.667314	0.663044	ZB103075.	83.61	0.70219	0.701842	ZB104030.	84.66	0.622133	0.649918	ZB105105.	86.91
ZB102135.	82.71	0.663146	0.658183	ZB103075.	83.61	0.696145	0.696742	ZB104030.	84.66	0.616606	0.645467	ZB105105.	86.91
ZB102135.	82.71	0.65913	0.653443	ZB103075.	83.61	0.689455	0.691181	ZB104030.	84.66	0.613331	0.640908	ZB105105.	86.91
ZB102135.	82.71	0.654801	0.648719	ZB103075.	83.61	0.682621	0.685516	ZB104030.	84.66	0.611984	0.636325	ZB105105.	86.91
ZB102135.	82.71	0.649966	0.644051	ZB103075.	83.61	0.676226	0.680245	ZB104030.	84.66	0.611709	0.631709	ZB105105.	86.91
ZB102135.	82.71	0.644753	0.639637	ZB103075.	83.61	0.670693	0.675766	ZB104030.	84.66	0.611486	0.627785	ZB105105.	86.91
ZB102135.	82.71	0.639492	0.635766	ZB103075.	83.61	0.66614	0.672144	ZB104030.	84.66	0.610647	0.6251		

RawTest1. RawTest2.6	name.7	depth.7	RawTest1. RawTest2.7	name.8	depth.8	RawTest1. RawTest2.8	name.9	depth.9	RawTest1. RawTest2.8
0.99137 0.98221	ZB111030.	89.9	0.977033 0.99494	ZB112105.	92.15	1.024693 1.012157	ZB121030.	99.8	1.006583 0.993684
0.991876 0.984324	ZB111030.	89.9	0.978752 0.994338	ZB112105.	92.15	1.023288 1.011154	ZB121030.	99.8	1.008558 0.994428
0.992381 0.987574	ZB111030.	89.9	0.98205 0.993204	ZB112105.	92.15	1.019856 1.009618	ZB121030.	99.8	1.011234 0.99538
0.99234 0.989477	ZB111030.	89.9	0.985096 0.9923	ZB112105.	92.15	1.015716 1.00852	ZB121030.	99.8	1.011967 0.995491
0.99195 0.990044	ZB111030.	89.9	0.987756 0.991816	ZB112105.	92.15	1.011147 1.007552	ZB121030.	99.8	1.010602 0.994621
0.991409 0.989489	ZB111030.	89.9	0.989839 0.991881	ZB112105.	92.15	1.006544 1.006277	ZB121030.	99.8	1.007318 0.992781
0.990827 0.988176	ZB111030.	89.9	0.991086 0.992495	ZB112105.	92.15	1.002262 1.004175	ZB121030.	99.8	1.002667 0.990164
0.990219 0.986558	ZB111030.	89.9	0.991205 0.99349	ZB112105.	92.15	0.998481 1.000729	ZB121030.	99.8	0.997497 0.987106
0.989576 0.985059	ZB111030.	89.9	0.98992 0.994544	ZB112105.	92.15	0.99516 0.995569	ZB121030.	99.8	0.99276 0.983982
0.988968 0.983967	ZB111030.	89.9	0.98705 0.99523	ZB112105.	92.15	0.992075 0.988642	ZB121030.	99.8	0.989245 0.981017
0.988612 0.983323	ZB111030.	89.9	0.982608 0.995099	ZB112105.	92.15	0.988935 0.980341	ZB121030.	99.8	0.987323 0.978172
0.988851 0.982852	ZB111030.	89.9	0.976897 0.993757	ZB112105.	92.15	0.985492 0.971508	ZB121030.	99.8	0.986817 0.97516
0.989996 0.982	ZB111030.	89.9	0.970555 0.990941	ZB112105.	92.15	0.981624 0.96324	ZB121030.	99.8	0.987028 0.971617
0.99211 0.980112	ZB111030.	89.9	0.964487 0.986591	ZB112105.	92.15	0.977357 0.956547	ZB121030.	99.8	0.986973 0.967341
0.994869 0.976749	ZB111030.	89.9	0.959641 0.980894	ZB112105.	92.15	0.972867 0.951971	ZB121030.	99.8	0.985678 0.962484
0.997545 0.971987	ZB111030.	89.9	0.956684 0.974259	ZB112105.	92.15	0.968434 0.949385	ZB121030.	99.8	0.982466 0.95756
0.999159 0.966507	ZB111030.	89.9	0.955702 0.96725	ZB112105.	92.15	0.96435 0.948061	ZB121030.	99.8	0.977121 0.953245
0.998745 0.961362	ZB111030.	89.9	0.956074 0.96046	ZB112105.	92.15	0.960794 0.94699	ZB121030.	99.8	0.969885 0.95009
0.995654 0.957462	ZB111030.	89.9	0.956659 0.954384	ZB112105.	92.15	0.957673 0.945291	ZB121030.	99.8	0.961381 0.948229
0.989791 0.955067	ZB111030.	89.9	0.956169 0.949326	ZB112105.	92.15	0.954557 0.942461	ZB121030.	99.8	0.952482 0.947278
0.98169 0.953656	ZB111030.	89.9	0.953643 0.945369	ZB112105.	92.15	0.950749 0.938426	ZB121030.	99.8	0.944158 0.946462
0.972384 0.95224	ZB111030.	89.9	0.948788 0.942364	ZB112105.	92.15	0.945527 0.933433	ZB121030.	99.8	0.93728 0.944958
0.963092 0.950001	ZB111030.	89.9	0.942083 0.939961	ZB112105.	92.15	0.938487 0.92788	ZB121030.	99.8	0.932349 0.94223
0.954827 0.946784	ZB111030.	89.9	0.934587 0.937664	ZB112105.	92.15	0.929822 0.922188	ZB121030.	99.8	0.929276 0.938213
0.948073 0.943118	ZB111030.	89.9	0.927545 0.934962	ZB112105.	92.15	0.920372 0.916734	ZB121030.	99.8	0.927345 0.933222
0.942692 0.939785	ZB111030.	89.9	0.921941 0.931493	ZB112105.	92.15	0.91135 0.911836	ZB121030.	99.8	0.925397 0.927704
0.93809 0.937235	ZB111030.	89.9	0.91813 0.927235	ZB112105.	92.15	0.903836 0.90771	ZB121030.	99.8	0.922261 0.921972
0.933607 0.935244	ZB111030.	89.9	0.915777 0.922537	ZB112105.	92.15	0.898256 0.904413	ZB121030.	99.8	0.917211 0.916091
0.928878 0.933022	ZB111030.	89.9	0.914102 0.917954	ZB112105.	92.15	0.894248 0.901789	ZB121030.	99.8	0.910289 0.909968
0.923991 0.929611	ZB111030.	89.9	0.912281 0.913945	ZB112105.	92.15	0.89095 0.899484	ZB121030.	99.8	0.902292 0.903503
0.919367 0.924391	ZB111030.	89.9	0.909789 0.910585	ZB112105.	92.15	0.887538 0.897059	ZB121030.	99.8	0.894421 0.896691
0.915462 0.917411	ZB111030.	89.9	0.906524 0.907511	ZB112105.	92.15	0.883651 0.894164	ZB121030.	99.8	0.887741 0.889624
0.912411 0.90942	ZB111030.	89.9	0.902653 0.904121	ZB112105.	92.15	0.87941 0.89066	ZB121030.	99.8	0.882691 0.882412
0.909848 0.901634	ZB111030.	89.9	0.898366 0.899934	ZB112105.	92.15	0.875047 0.886594	ZB121030.	99.8	0.878883 0.875119
0.907045 0.895315	ZB111030.	89.9	0.893782 0.894863	ZB112105.	92.15	0.870503 0.882097	ZB121030.	99.8	0.875262 0.867818
0.903305 0.891255	ZB111030.	89.9	0.889038 0.889253	ZB112105.	92.15	0.865336 0.877277	ZB121030.	99.8	0.870611 0.86069
0.898369 0.889373	ZB111030.	89.9	0.884457 0.88366	ZB112105.	92.15	0.859065 0.872196	ZB121030.	99.8	0.864156 0.854061
0.892583 0.888641	ZB111030.	89.9	0.880552 0.878546	ZB112105.	92.15	0.851687 0.866858	ZB121030.	99.8	0.855938 0.848318
0.886704 0.887455	ZB111030.	89.9	0.877763 0.874089	ZB112105.	92.15	0.84389 0.861206	ZB121030.	99.8	0.846769 0.843674
0.881441 0.88428	ZB111030.	89.9	0.876063 0.870166	ZB112105.	92.15	0.836713 0.855069	ZB121030.	99.8	0.837767 0.839951
0.87704 0.878336	ZB111030.	89.9	0.874728 0.866474	ZB112105.	92.15	0.83082 0.848151	ZB121030.	99.8	0.829709 0.836509
0.873126 0.869872	ZB111030.	89.9	0.872527 0.862636	ZB112105.	92.15	0.825936 0.840075	ZB121030.	99.8	0.822612 0.832405
0.868928 0.859943	ZB111030.	89.9	0.868252 0.858248	ZB112105.	92.15	0.82089 0.830554	ZB121030.	99.8	0.815815 0.826707
0.86367 0.849843	ZB111030.	89.9	0.861343 0.85291	ZB112105.	92.15	0.814287 0.819627	ZB121030.	99.8	0.808475 0.818827
0.856931 0.840525	ZB111030.	89.9	0.852171 0.846292	ZB112105.	92.15	0.80537 0.807847	ZB121030.	99.8	0.800158 0.808745
0.848756 0.832344	ZB111030.	89.9	0.841838 0.838254	ZB112105.	92.15	0.794502 0.796223	ZB121030.	99.8	0.791132 0.797038
0.839545 0.82513	ZB111030.	89.9	0.831628 0.828952	ZB112105.	92.15	0.782966 0.785922	ZB121030.	99.8	0.782187 0.784696
0.829851 0.818458	ZB111030.	89.9	0.822436 0.818854	ZB112105.	92.15	0.772277 0.777769	ZB121030.	99.8	0.774159 0.772809
0.820202 0.81192	ZB111030.	89.9	0.814481 0.808636	ZB112105.	92.15	0.763488 0.771869	ZB121030.	99.8	0.767442 0.762255
0.810995 0.805301	ZB111030.	89.9	0.807385 0.799018	ZB112105.	92.15	0.756841 0.767537	ZB121030.	99.8	0.761782 0.75347
0.802442 0.798633	ZB111030.	89.9	0.800495 0.790588	ZB112105.	92.15	0.751908 0.76358	ZB121030.	99.8	0.756393 0.746411
0.794558 0.792151	ZB111030.	89.9	0.79325 0.783693	ZB112105.	92.15	0.747944 0.75882	ZB121030.	99.8	0.750336 0.740646
0.78716 0.786158	ZB111030.	89.9	0.785421 0.778354	ZB112105.	92.15	0.744215 0.752557	ZB121030.	99.8	0.742903 0.735515
0.779947 0.780834	ZB111030.	89.9	0.777158 0.774235	ZB112105.	92.15	0.740155 0.744797	ZB121030.	99.8	0.733889 0.73036
0.772654 0.776073	ZB111030.	89.9	0.768886 0.770707	ZB112105.	92.15	0.735386 0.73616	ZB121030.	99.8	0.723661 0.724738
0.765216 0.771487	ZB111030.	89.9	0.761104 0.767038	ZB112105.	92.15	0.729699 0.727561	ZB121030.	99.8	0.713044 0.718595
0.757844 0.766555	ZB111030.	89.9	0.754175 0.762667	ZB112105.	92.15	0.723088 0.719834	ZB121030.	99.8	0.703055 0.712271
0.750946 0.760823	ZB111030.	89.9	0.748152 0.75744	ZB112105.	92.15	0.715756 0.713455	ZB121030.	99.8	0.69455 0.70631
0.744971 0.754081	ZB111030.	89.9	0.742752 0.751637	ZB112105.	92.15	0.708054 0.708456	ZB121030.	99.8	0.687877 0.701167
0.740225 0.746399	ZB111030.	89.9	0.737476 0.745747	ZB112105.	92.15	0.700341 0.704552	ZB121030.	99.8	0.682734 0.696931
0.736746 0.738072	ZB111030.	89.9	0.731857 0.740087	ZB112105.	92.15	0.692868 0.701331	ZB121030.	99.8	0.678291 0.69324
0.734251 0.729542	ZB111030.	89.9	0.725693 0.734533	ZB112105.	92.15	0.685768 0.698385	ZB121030.	99.8	0.673538 0.689423
0.732173 0.721333	ZB111030.	89.9	0.71918 0.728549	ZB112105.	92.15	0.67912 0.695339	ZB121030.	99.8	0.667707 0.684806
0.729802 0.713966	ZB111030.	89.9	0.712832 0.721528	ZB112105.	92.15	0.673 0.691829	ZB121030.	99.8	0.660574 0.679005
0.726473 0.707826	ZB111030.	89.9	0.707244 0.713208	ZB112105.	92.15	0.66746 0.687548	ZB121030.	99.8	0.652466 0.672042
0.721776 0.703016	ZB111030.	89.9	0.702791 0.70388	ZB112105.	92.15	0.662462 0.682327	ZB121030.	99.8	0.644053 0.664253
0.715711 0.699266	ZB111030.	89.9	0.699452 0.69427	ZB112105.	92.15	0.657832 0.67623	ZB121030.	99.8	0.63604 0.656093
0.708732 0.695982	ZB111030.	89.9	0.696813 0.685205	ZB112105.	92.15	0.653338 0.669571	ZB121030.	99.8	0.628919 0.64798
0.701618 0.692495	ZB111030.	89.9	0.694245 0.67733	ZB112105.	92.15	0.648829 0.66281	ZB121030.	99.8	0.622866 0.640294
0.695233 0.688332	ZB111030.	89.9	0.691206 0.671015	ZB112105.	92.15	0.644363 0.656339	ZB121030.	99.8	0.617818 0.633405
0.69026 0.683423	ZB111030.	89.9	0.687437 0.666446	ZB112105.	92.15	0.640216 0.650298	ZB121030.	99.8	0.613595 0.627661
0.686924 0.678095	ZB111030.	89.9	0.682999 0.663716	ZB112105.	92.15	0.636771 0.644565	ZB121030.	99.8	0.609947 0.623259
0.684843 0.672883	ZB111030.	89.9	0.678098 0.662799	ZB112105.	92.15	0.634389 0.638933	ZB121030.	99.8	0.60646 0.620136
0.683074 0.668314	ZB111030.	89.9	0.672798 0.663373	ZB112105.	92.15	0.633341 0.63337	ZB121030.	99.8	0.602381 0.617973
0.680383 0.664717	ZB111030.	89.9	0.666796 0.664691	ZB112105.	92.15	0.633823 0.628189	ZB121030.	99.8	0.5965 0.616387
0.675588 0.662169	ZB111030.	89.9	0.659391 0.665667	ZB112105.	92.15	0.636018 0.623995	ZB121030.	99.8	0.587269 0.615186
0.667936 0.660552	ZB111030.	89.9	0.649719 0.665163	ZB112105.	92.15	0.640105 0.621459	ZB121030.	99.8	0.573171 0.614531

9	name.10	depth.10	RawTest1.	RawTest2.10	name.11	depth.11	RawTest1.	RawTest2.11	name.12	depth.12	RawTest1.	RawTest2.12	name.13
	ZB122130.	102.3	0.986527	0.992524	ZB124064.	104.64	0.965066	1.006088	ZB125034.	105.84	0.950479	0.985564	ZB125094.
	ZB122130.	102.3	0.985224	0.991724	ZB124064.	104.64	0.965164	1.005868	ZB125034.	105.84	0.951103	0.986165	ZB125094.
	ZB122130.	102.3	0.982635	0.989914	ZB124064.	104.64	0.965675	1.004401	ZB125034.	105.84	0.9525	0.98801	ZB125094.
	ZB122130.	102.3	0.980022	0.987822	ZB124064.	104.64	0.96678	1.001443	ZB125034.	105.84	0.954357	0.990596	ZB125094.
	ZB122130.	102.3	0.977335	0.9855	ZB124064.	104.64	0.968607	0.997016	ZB125034.	105.84	0.95696	0.993574	ZB125094.
	ZB122130.	102.3	0.974535	0.983	ZB124064.	104.64	0.971078	0.991356	ZB125034.	105.84	0.960458	0.996418	ZB125094.
	ZB122130.	102.3	0.971588	0.980329	ZB124064.	104.64	0.97386	0.984828	ZB125034.	105.84	0.964778	0.998558	ZB125094.
	ZB122130.	102.3	0.96847	0.977437	ZB124064.	104.64	0.976396	0.977831	ZB125034.	105.84	0.969594	0.999533	ZB125094.
	ZB122130.	102.3	0.965177	0.974246	ZB124064.	104.64	0.978038	0.970754	ZB125034.	105.84	0.974366	0.999095	ZB125094.
	ZB122130.	102.3	0.961758	0.970696	ZB124064.	104.64	0.978277	0.963996	ZB125034.	105.84	0.97844	0.997239	ZB125094.
	ZB122130.	102.3	0.958345	0.96678	ZB124064.	104.64	0.976946	0.957978	ZB125034.	105.84	0.98119	0.99414	ZB125094.
	ZB122130.	102.3	0.955181	0.962556	ZB124064.	104.64	0.974327	0.953124	ZB125034.	105.84	0.98215	0.990074	ZB125094.
	ZB122130.	102.3	0.952568	0.958159	ZB124064.	104.64	0.971116	0.949764	ZB125034.	105.84	0.98113	0.985333	ZB125094.
	ZB122130.	102.3	0.950769	0.953848	ZB124064.	104.64	0.968211	0.947996	ZB125034.	105.84	0.978262	0.980186	ZB125094.
	ZB122130.	102.3	0.949877	0.950003	ZB124064.	104.64	0.966405	0.947562	ZB125034.	105.84	0.973985	0.97486	ZB125094.
	ZB122130.	102.3	0.949724	0.947062	ZB124064.	104.64	0.966121	0.947806	ZB125034.	105.84	0.968943	0.969542	ZB125094.
	ZB122130.	102.3	0.949907	0.945364	ZB124064.	104.64	0.96729	0.947896	ZB125034.	105.84	0.963836	0.964373	ZB125094.
	ZB122130.	102.3	0.949878	0.944959	ZB124064.	104.64	0.969386	0.94704	ZB125034.	105.84	0.959243	0.959451	ZB125094.
	ZB122130.	102.3	0.949084	0.945461	ZB124064.	104.64	0.971611	0.944849	ZB125034.	105.84	0.955468	0.954824	ZB125094.
	ZB122130.	102.3	0.947073	0.946069	ZB124064.	104.64	0.973109	0.941502	ZB125034.	105.84	0.952466	0.950506	ZB125094.
	ZB122130.	102.3	0.943594	0.945782	ZB124064.	104.64	0.97318	0.937667	ZB125034.	105.84	0.9499	0.946465	ZB125094.
	ZB122130.	102.3	0.938649	0.943718	ZB124064.	104.64	0.971436	0.934215	ZB125034.	105.84	0.947308	0.942618	ZB125094.
	ZB122130.	102.3	0.932547	0.939451	ZB124064.	104.64	0.967887	0.931814	ZB125034.	105.84	0.944324	0.938825	ZB125094.
	ZB122130.	102.3	0.925887	0.933152	ZB124064.	104.64	0.962919	0.930654	ZB125034.	105.84	0.940849	0.934946	ZB125094.
	ZB122130.	102.3	0.919417	0.925522	ZB124064.	104.64	0.957164	0.930401	ZB125034.	105.84	0.93704	0.930961	ZB125094.
	ZB122130.	102.3	0.913786	0.917548	ZB124064.	104.64	0.951277	0.9304	ZB125034.	105.84	0.933136	0.927094	ZB125094.
	ZB122130.	102.3	0.909218	0.910208	ZB124064.	104.64	0.945713	0.929989	ZB125034.	105.84	0.929263	0.923805	ZB125094.
	ZB122130.	102.3	0.905368	0.904197	ZB124064.	104.64	0.940632	0.928716	ZB125034.	105.84	0.925373	0.921579	ZB125094.
	ZB122130.	102.3	0.90148	0.899765	ZB124064.	104.64	0.935992	0.926382	ZB125034.	105.84	0.921351	0.92061	ZB125094.
	ZB122130.	102.3	0.896769	0.896683	ZB124064.	104.64	0.93174	0.922985	ZB125034.	105.84	0.917182	0.920521	ZB125094.
	ZB122130.	102.3	0.890849	0.894348	ZB124064.	104.64	0.92794	0.918687	ZB125034.	105.84	0.913011	0.920385	ZB125094.
	ZB122130.	102.3	0.883962	0.892034	ZB124064.	104.64	0.924703	0.913841	ZB125034.	105.84	0.909058	0.919065	ZB125094.
	ZB122130.	102.3	0.876853	0.889159	ZB124064.	104.64	0.921984	0.908994	ZB125034.	105.84	0.90543	0.915736	ZB125094.
	ZB122130.	102.3	0.870358	0.885458	ZB124064.	104.64	0.919378	0.904752	ZB125034.	105.84	0.90199	0.910224	ZB125094.
	ZB122130.	102.3	0.864992	0.880977	ZB124064.	104.64	0.916143	0.901486	ZB125034.	105.84	0.898381	0.902992	ZB125094.
	ZB122130.	102.3	0.860715	0.875883	ZB124064.	104.64	0.9115	0.89903	ZB125034.	105.84	0.89419	0.89472	ZB125094.
	ZB122130.	102.3	0.85702	0.870278	ZB124064.	104.64	0.905119	0.89663	ZB125034.	105.84	0.889084	0.885835	ZB125094.
	ZB122130.	102.3	0.853209	0.864117	ZB124064.	104.64	0.897397	0.893245	ZB125034.	105.84	0.882869	0.876349	ZB125094.
	ZB122130.	102.3	0.848669	0.857282	ZB124064.	104.64	0.889365	0.888071	ZB125034.	105.84	0.875464	0.866109	ZB125094.
	ZB122130.	102.3	0.842996	0.8497	ZB124064.	104.64	0.882171	0.880958	ZB125034.	105.84	0.866882	0.855271	ZB125094.
	ZB122130.	102.3	0.835943	0.84141	ZB124064.	104.64	0.876456	0.872418	ZB125034.	105.84	0.857253	0.844514	ZB125094.
	ZB122130.	102.3	0.827307	0.832515	ZB124064.	104.64	0.872024	0.863235	ZB125034.	105.84	0.846874	0.834792	ZB125094.
	ZB122130.	102.3	0.816915	0.823117	ZB124064.	104.64	0.867965	0.853955	ZB125034.	105.84	0.836201	0.826757	ZB125094.
	ZB122130.	102.3	0.804768	0.813293	ZB124064.	104.64	0.863148	0.844597	ZB125034.	105.84	0.825724	0.82027	ZB125094.
	ZB122130.	102.3	0.791235	0.803151	ZB124064.	104.64	0.856737	0.834799	ZB125034.	105.84	0.815784	0.814425	ZB125094.
	ZB122130.	102.3	0.77713	0.792917	ZB124064.	104.64	0.848462	0.824291	ZB125034.	105.84	0.80645	0.808041	ZB125094.
	ZB122130.	102.3	0.763582	0.782931	ZB124064.	104.64	0.838539	0.813281	ZB125034.	105.84	0.797548	0.800324	ZB125094.
	ZB122130.	102.3	0.75174	0.773551	ZB124064.	104.64	0.827447	0.802505	ZB125034.	105.84	0.788843	0.791288	ZB125094.
	ZB122130.	102.3	0.742383	0.765004	ZB124064.	104.64	0.815769	0.792853	ZB125034.	105.84	0.780224	0.781652	ZB125094.
	ZB122130.	102.3	0.735637	0.757272	ZB124064.	104.64	0.804123	0.784888	ZB125034.	105.84	0.771767	0.77235	ZB125094.
	ZB122130.	102.3	0.730927	0.750069	ZB124064.	104.64	0.793163	0.778543	ZB125034.	105.84	0.763655	0.764015	ZB125094.
	ZB122130.	102.3	0.727191	0.74292	ZB124064.	104.64	0.783447	0.773209	ZB125034.	105.84	0.756032	0.756742	ZB125094.
	ZB122130.	102.3	0.723254	0.735291	ZB124064.	104.64	0.775257	0.768078	ZB125034.	105.84	0.748873	0.750208	ZB125094.
	ZB122130.	102.3	0.718252	0.726717	ZB124064.	104.64	0.768421	0.762554	ZB125034.	105.84	0.741959	0.743984	ZB125094.
	ZB122130.	102.3	0.711904	0.716974	ZB124064.	104.64	0.762367	0.756448	ZB125034.	105.84	0.734962	0.737771	ZB125094.
	ZB122130.	102.3	0.704551	0.706241	ZB124064.	104.64	0.756398	0.749934	ZB125034.	105.84	0.727583	0.731474	ZB125094.
	ZB122130.	102.3	0.696693	0.695177	ZB124064.	104.64	0.750066	0.743323	ZB125034.	105.84	0.719686	0.725119	ZB125094.
	ZB122130.	102.3	0.689785	0.684769	ZB124064.	104.64	0.743364	0.736812	ZB125034.	105.84	0.711357	0.718755	ZB125094.
	ZB122130.	102.3	0.683481	0.675971	ZB124064.	104.64	0.736637	0.730379	ZB125034.	105.84	0.702882	0.71245	ZB125094.
	ZB122130.	102.3	0.67789	0.669298	ZB124064.	104.64	0.730315	0.723868	ZB125034.	105.84	0.694671	0.706298	ZB125094.
	ZB122130.	102.3	0.672547	0.664611	ZB124064.	104.64	0.724663	0.717199	ZB125034.	105.84	0.687125	0.700404	ZB125094.
	ZB122130.	102.3	0.666977	0.661241	ZB124064.	104.64	0.719715	0.710544	ZB125034.	105.84	0.680506	0.694811	ZB125094.
	ZB122130.	102.3	0.661006	0.658405	ZB124064.	104.64	0.715359	0.704349	ZB125034.	105.84	0.67486	0.689432	ZB125094.
	ZB122130.	102.3	0.6548	0.655615	ZB124064.	104.64	0.711439	0.699141	ZB125034.	105.84	0.669968	0.684041	ZB125094.
	ZB122130.	102.3	0.648685	0.652841	ZB124064.	104.64	0.70778	0.695252	ZB125034.	105.84	0.665384	0.678376	ZB125094.
	ZB122130.	102.3	0.642893	0.650354	ZB124064.	104.64	0.704418	0.692633	ZB125034.	105.84	0.660559	0.672306	ZB125094.
	ZB122130.	102.3	0.637439	0.648428	ZB124064.	104.64	0.700266	0.690847	ZB125034.	105.84	0.65505	0.665969	ZB125094.
	ZB122130.	102.3	0.632207	0.647105	ZB124064.	104.64	0.695933	0.689246	ZB125034.	105.84	0.648738	0.659772	ZB125094.
	ZB122130.	102.3	0.627127	0.646168	ZB124064.	104.64	0.691183	0.687227	ZB125034.	105.84	0.64193	0.654186	ZB125094.
	ZB122130.	102.3	0.62231	0.645268	ZB124064.	104.64	0.68636	0.684395	ZB125034.	105.84	0.635271	0.649429	ZB125094.
	ZB122130.	102.3	0.618037	0.64407	ZB124064.	104.64	0.681954	0.680638	ZB125034.	105.84	0.629509	0.645266	ZB125094.
	ZB122130.	102.3	0.614609	0.642285	ZB124064.	104.64	0.678258	0.676161	ZB125034.	105.84	0.625215	0.641084	ZB125094.
	ZB122130.	102.3	0.612164	0.639587	ZB124064.	104.64	0.675013	0.671598	ZB125034.	105.84	0.622596	0.636232	ZB125094.
	ZB122130.	102.3	0.610553	0.635489	ZB124064.	104.64	0.671271	0					

depth.13	RawTest1.1	RawTest2.13	name.14	depth.14	RawTest1.1	RawTest2.14	name.15	depth.15	RawTest1.1	RawTest2.15	name.16	depth.16	RawTest1.1
106.44	1.023458	0.996118	ZB127034.	108.36	1.002474	1.018747	ZB134124.	115.35	1.010606	0.998732	ZB135034.	115.96	1.012933
106.44	1.021257	0.995468	ZB127034.	108.36	1.000697	1.018565	ZB134124.	115.35	1.01127	0.995437	ZB135034.	115.96	1.009479
106.44	1.016416	0.994178	ZB127034.	108.36	0.997517	1.017807	ZB134124.	115.35	1.011383	0.990234	ZB135034.	115.96	1.003433
106.44	1.011061	0.992838	ZB127034.	108.36	0.994812	1.016549	ZB134124.	115.35	1.009552	0.987083	ZB135034.	115.96	0.998583
106.44	1.005474	0.991425	ZB127034.	108.36	0.992657	1.014913	ZB134124.	115.35	1.005573	0.986156	ZB135034.	115.96	0.994952
106.44	1.000104	0.989937	ZB127034.	108.36	0.991108	1.013065	ZB134124.	115.35	0.999628	0.987382	ZB135034.	115.96	0.992423
106.44	0.995431	0.988373	ZB127034.	108.36	0.990165	1.011135	ZB134124.	115.35	0.992339	0.990468	ZB135034.	115.96	0.990765
106.44	0.991778	0.986728	ZB127034.	108.36	0.989728	1.009129	ZB134124.	115.35	0.984713	0.994933	ZB135034.	115.96	0.989675
106.44	0.989148	0.985033	ZB127034.	108.36	0.989563	1.006891	ZB134124.	115.35	0.977955	1.000147	ZB135034.	115.96	0.988845
106.44	0.987166	0.983402	ZB127034.	108.36	0.989325	1.004128	ZB134124.	115.35	0.973214	1.005362	ZB135034.	115.96	0.988026
106.44	0.9852	0.98206	ZB127034.	108.36	0.988631	1.00049	ZB134124.	115.35	0.971277	1.009739	ZB135034.	115.96	0.987078
106.44	0.982592	0.981285	ZB127034.	108.36	0.987182	0.995695	ZB134124.	115.35	0.972326	1.012434	ZB135034.	115.96	0.985959
106.44	0.978938	0.981248	ZB127034.	108.36	0.984858	0.989658	ZB134124.	115.35	0.975808	1.012713	ZB135034.	115.96	0.984673
106.44	0.974288	0.981824	ZB127034.	108.36	0.981757	0.982558	ZB134124.	115.35	0.980507	1.010139	ZB135034.	115.96	0.983191
106.44	0.969136	0.982504	ZB127034.	108.36	0.978147	0.974799	ZB134124.	115.35	0.984868	1.004735	ZB135034.	115.96	0.981398
106.44	0.964225	0.982504	ZB127034.	108.36	0.974328	0.966683	ZB134124.	115.35	0.987432	0.997044	ZB135034.	115.96	0.979097
106.44	0.960261	0.981047	ZB127034.	108.36	0.970503	0.959145	ZB134124.	115.35	0.9873	0.988015	ZB135034.	115.96	0.976091
106.44	0.957634	0.977703	ZB127034.	108.36	0.966731	0.951866	ZB134124.	115.35	0.984365	0.978741	ZB135034.	115.96	0.972289
106.44	0.956303	0.972584	ZB127034.	108.36	0.962967	0.945131	ZB134124.	115.35	0.979228	0.970139	ZB135034.	115.96	0.967777
106.44	0.955858	0.966287	ZB127034.	108.36	0.959182	0.939078	ZB134124.	115.35	0.972845	0.962741	ZB135034.	115.96	0.962815
106.44	0.955711	0.95961	ZB127034.	108.36	0.955456	0.933964	ZB134124.	115.35	0.966149	0.956686	ZB135034.	115.96	0.957764
106.44	0.955329	0.953203	ZB127034.	108.36	0.951983	0.9301	ZB134124.	115.35	0.959802	0.951881	ZB135034.	115.96	0.952972
106.44	0.954389	0.947337	ZB127034.	108.36	0.948974	0.927619	ZB134124.	115.35	0.954203	0.948216	ZB135034.	115.96	0.948706
106.44	0.952806	0.941928	ZB127034.	108.36	0.946527	0.926294	ZB134124.	115.35	0.9496	0.945678	ZB135034.	115.96	0.945143
106.44	0.950638	0.936792	ZB127034.	108.36	0.94457	0.925566	ZB134124.	115.35	0.94618	0.944272	ZB135034.	115.96	0.942366
106.44	0.947927	0.9319	ZB127034.	108.36	0.942893	0.9248	ZB134124.	115.35	0.944046	0.943818	ZB135034.	115.96	0.940326
106.44	0.944604	0.927442	ZB127034.	108.36	0.941235	0.923609	ZB134124.	115.35	0.943079	0.943763	ZB135034.	115.96	0.938783
106.44	0.940512	0.923663	ZB127034.	108.36	0.939328	0.921996	ZB134124.	115.35	0.942862	0.943237	ZB135034.	115.96	0.937298
106.44	0.935544	0.92062	ZB127034.	108.36	0.936873	0.920204	ZB134124.	115.35	0.942736	0.941349	ZB135034.	115.96	0.935304
106.44	0.929788	0.918055	ZB127034.	108.36	0.933487	0.918413	ZB134124.	115.35	0.942015	0.937596	ZB135034.	115.96	0.932291
106.44	0.923572	0.91551	ZB127034.	108.36	0.928711	0.916516	ZB134124.	115.35	0.940175	0.932115	ZB135034.	115.96	0.928036
106.44	0.917356	0.912612	ZB127034.	108.36	0.922159	0.914141	ZB134124.	115.35	0.936951	0.925632	ZB135034.	115.96	0.922714
106.44	0.911549	0.9093	ZB127034.	108.36	0.913707	0.910866	ZB134124.	115.35	0.932241	0.919037	ZB135034.	115.96	0.916765
106.44	0.906364	0.905804	ZB127034.	108.36	0.903652	0.906439	ZB134124.	115.35	0.925942	0.912871	ZB135034.	115.96	0.910592
106.44	0.901817	0.902392	ZB127034.	108.36	0.89273	0.900891	ZB134124.	115.35	0.917874	0.907043	ZB135034.	115.96	0.904317
106.44	0.897833	0.899083	ZB127034.	108.36	0.881891	0.894436	ZB134124.	115.35	0.907915	0.900929	ZB135034.	115.96	0.897755
106.44	0.89436	0.895579	ZB127034.	108.36	0.871951	0.887327	ZB134124.	115.35	0.89624	0.893824	ZB135034.	115.96	0.890656
106.44	0.891331	0.891448	ZB127034.	108.36	0.863316	0.879775	ZB134124.	115.35	0.883492	0.88541	ZB135034.	115.96	0.883015
106.44	0.888509	0.88642	ZB127034.	108.36	0.855939	0.871973	ZB134124.	115.35	0.870712	0.875977	ZB135034.	115.96	0.875225
106.44	0.885316	0.880525	ZB127034.	108.36	0.849472	0.864149	ZB134124.	115.35	0.858955	0.866262	ZB135034.	115.96	0.867897
106.44	0.880855	0.873968	ZB127034.	108.36	0.84349	0.856499	ZB134124.	115.35	0.848824	0.857005	ZB135034.	115.96	0.86148
106.44	0.874188	0.86688	ZB127034.	108.36	0.837614	0.849052	ZB134124.	115.35	0.84017	0.848517	ZB135034.	115.96	0.855876
106.44	0.864734	0.859144	ZB127034.	108.36	0.831502	0.841537	ZB134124.	115.35	0.832186	0.840534	ZB135034.	115.96	0.850357
106.44	0.852597	0.850474	ZB127034.	108.36	0.824783	0.833429	ZB134124.	115.35	0.823856	0.83243	ZB135034.	115.96	0.843866
106.44	0.838641	0.840663	ZB127034.	108.36	0.817073	0.824171	ZB134124.	115.35	0.814465	0.823599	ZB135034.	115.96	0.83551
106.44	0.824239	0.829828	ZB127034.	108.36	0.808118	0.813482	ZB134124.	115.35	0.803876	0.813749	ZB135034.	115.96	0.825014
106.44	0.810813	0.818424	ZB127034.	108.36	0.79796	0.801562	ZB134124.	115.35	0.792457	0.802954	ZB135034.	115.96	0.812849
106.44	0.799397	0.807097	ZB127034.	108.36	0.78702	0.789109	ZB134124.	115.35	0.780804	0.791511	ZB135034.	115.96	0.800018
106.44	0.79033	0.796441	ZB127034.	108.36	0.775992	0.77709	ZB134124.	115.35	0.769449	0.779768	ZB135034.	115.96	0.787635
106.44	0.783218	0.786839	ZB127034.	108.36	0.765598	0.766427	ZB134124.	115.35	0.758742	0.768041	ZB135034.	115.96	0.776477
106.44	0.777147	0.778429	ZB127034.	108.36	0.756289	0.757683	ZB134124.	115.35	0.748875	0.756646	ZB135034.	115.96	0.766763
106.44	0.771106	0.771129	ZB127034.	108.36	0.748117	0.750861	ZB134124.	115.35	0.739959	0.745949	ZB135034.	115.96	0.758234
106.44	0.764173	0.764682	ZB127034.	108.36	0.740792	0.745417	ZB134124.	115.35	0.732042	0.736339	ZB135034.	115.96	0.750428
106.44	0.756266	0.758704	ZB127034.	108.36	0.733917	0.740516	ZB134124.	115.35	0.725065	0.728101	ZB135034.	115.96	0.742989
106.44	0.747745	0.752792	ZB127034.	108.36	0.727228	0.735431	ZB134124.	115.35	0.718863	0.721293	ZB135034.	115.96	0.735828
106.44	0.739436	0.746698	ZB127034.	108.36	0.72069	0.72988	ZB134124.	115.35	0.713203	0.715704	ZB135034.	115.96	0.729066
106.44	0.732215	0.740475	ZB127034.	108.36	0.714424	0.724078	ZB134124.	115.35	0.707848	0.710936	ZB135034.	115.96	0.722814
106.44	0.726592	0.734496	ZB127034.	108.36	0.70855	0.718511	ZB134124.	115.35	0.70259	0.706539	ZB135034.	115.96	0.716993
106.44	0.722496	0.729258	ZB127034.	108.36	0.703089	0.713559	ZB134124.	115.35	0.69726	0.702152	ZB135034.	115.96	0.711315
106.44	0.719356	0.725098	ZB127034.	108.36	0.697947	0.709219	ZB134124.	115.35	0.691721	0.697542	ZB135034.	115.96	0.705436
106.44	0.716391	0.721974	ZB127034.	108.36	0.692984	0.70508	ZB134124.	115.35	0.685929	0.692599	ZB135034.	115.96	0.699139
106.44	0.712977	0.719456	ZB127034.	108.36	0.688094	0.700567	ZB134124.	115.35	0.680016	0.68729	ZB135034.	115.96	0.692424
106.44	0.708862	0.716908	ZB127034.	108.36	0.683229	0.695256	ZB134124.	115.35	0.674302	0.681655	ZB135034.	115.96	0.685469
106.44	0.704146	0.713699	ZB127034.	108.36	0.678341	0.689073	ZB134124.	115.35	0.669199	0.675828	ZB135034.	115.96	0.678516
106.44	0.699105	0.70939	ZB127034.	108.36	0.673315	0.682261	ZB134124.	115.35	0.665001	0.670011	ZB135034.	115.96	0.671809
106.44	0.694014	0.703826	ZB127034.	108.36	0.667952	0.675187	ZB134124.	115.35	0.661711	0.664386	ZB135034.	115.96	0.665585
106.44	0.689036	0.697162	ZB127034.	108.36	0.662039	0.668185	ZB134124.	115.35	0.659021	0.659	ZB135034.	115.96	0.660092
106.44	0.684268	0.689817	ZB127034.	108.36	0.655467	0.661514	ZB134124.	115.35	0.656451	0.653722	ZB135034.	115.96	0.655498
106.44	0.679827	0.682365	ZB127034.	108.36	0.648319	0.655391	ZB134124.	115.35	0.653527	0.648295	ZB135034.	115.96	0.651732
106.44	0.675894	0.675314	ZB127034.	108.36	0.640906	0.65003	ZB134124.	115.35	0.6498				

RawTest2.16	name.17	depth.17	RawTest1. RawTest2.17	name.18	depth.18	RawTest1. RawTest2.18	name.19	depth.19	RawTest1. RawTest2.19
1.025759	ZB143094.	124.09	0.99452 1.018736	ZB144064.	125.29	1.006974 0.996552	ZB151064.	131.59	1.010206 1.005259
1.023946	ZB143094.	124.09	0.99573 1.016959	ZB144064.	125.29	1.007244 0.995017	ZB151064.	131.59	1.011383 1.004359
1.020429	ZB143094.	124.09	0.997403 1.013128	ZB144064.	125.29	1.007699 0.991836	ZB151064.	131.59	1.014104 1.00263
1.016933	ZB143094.	124.09	0.997832 1.008893	ZB144064.	125.29	1.007986 0.988771	ZB151064.	131.59	1.016921 1.001158
1.013386	ZB143094.	124.09	0.996695 1.004322	ZB144064.	125.29	1.008003 0.986235	ZB151064.	131.59	1.019158 1.000172
1.009771	ZB143094.	124.09	0.993728 0.999581	ZB144064.	125.29	1.007598 0.98457	ZB151064.	131.59	1.020018 0.999805
1.006135	ZB143094.	124.09	0.988817 0.99488	ZB144064.	125.29	1.006552 0.983875	ZB151064.	131.59	1.01896 0.999992
1.002591	ZB143094.	124.09	0.982103 0.9904	ZB144064.	125.29	1.004608 0.983914	ZB151064.	131.59	1.015704 1.000423
0.999347	ZB143094.	124.09	0.974048 0.986194	ZB144064.	125.29	1.001561 0.984173	ZB151064.	131.59	1.01058 1.000628
0.996716	ZB143094.	124.09	0.965436 0.982149	ZB144064.	125.29	0.99736 0.98407	ZB151064.	131.59	1.004342 1.000154
0.995085	ZB143094.	124.09	0.957243 0.978013	ZB144064.	125.29	0.992213 0.983247	ZB151064.	131.59	0.997974 0.99877
0.994786	ZB143094.	124.09	0.950461 0.973477	ZB144064.	125.29	0.986624 0.981739	ZB151064.	131.59	0.992365 0.996582
0.995892	ZB143094.	124.09	0.945864 0.968306	ZB144064.	125.29	0.981301 0.979934	ZB151064.	131.59	0.988062 0.993968
0.998048	ZB143094.	124.09	0.943813 0.962453	ZB144064.	125.29	0.97694 0.978296	ZB151064.	131.59	0.985138 0.991403
1.000447	ZB143094.	124.09	0.944125 0.956118	ZB144064.	125.29	0.973957 0.977006	ZB151064.	131.59	0.983268 0.989268
1.002048	ZB143094.	124.09	0.946095 0.949729	ZB144064.	125.29	0.972289 0.975746	ZB151064.	131.59	0.981949 0.987739
1.001886	ZB143094.	124.09	0.948659 0.9438	ZB144064.	125.29	0.971409 0.973807	ZB151064.	131.59	0.980738 0.986803
0.999394	ZB143094.	124.09	0.950652 0.938794	ZB144064.	125.29	0.97053 0.970454	ZB151064.	131.59	0.979418 0.986338
0.994549	ZB143094.	124.09	0.951106 0.934977	ZB144064.	125.29	0.968932 0.965377	ZB151064.	131.59	0.978001 0.986178
0.987804	ZB143094.	124.09	0.949477 0.932343	ZB144064.	125.29	0.966222 0.958892	ZB151064.	131.59	0.976562 0.986119
0.979892	ZB143094.	124.09	0.945725 0.930594	ZB144064.	125.29	0.962369 0.951791	ZB151064.	131.59	0.975051 0.985917
0.971625	ZB143094.	124.09	0.940258 0.929202	ZB144064.	125.29	0.957558 0.944918	ZB151064.	131.59	0.973225 0.985328
0.963762	ZB143094.	124.09	0.933735 0.927562	ZB144064.	125.29	0.951956 0.938789	ZB151064.	131.59	0.970766 0.984161
0.956917	ZB143094.	124.09	0.926847 0.925182	ZB144064.	125.29	0.945611 0.933499	ZB151064.	131.59	0.96751 0.982342
0.951485	ZB143094.	124.09	0.920139 0.921815	ZB144064.	125.29	0.938512 0.9289	ZB151064.	131.59	0.963574 0.979892
0.947558	ZB143094.	124.09	0.913931 0.917488	ZB144064.	125.29	0.930777 0.924835	ZB151064.	131.59	0.959292 0.976861
0.944488	ZB143094.	124.09	0.908303 0.912433	ZB144064.	125.29	0.922764 0.92123	ZB151064.	131.59	0.955037 0.973264
0.942888	ZB143094.	124.09	0.903146 0.906932	ZB144064.	125.29	0.91503 0.918015	ZB151064.	131.59	0.951081 0.969066
0.940854	ZB143094.	124.09	0.898227 0.901157	ZB144064.	125.29	0.908162 0.914959	ZB151064.	131.59	0.947572 0.964261
0.938081	ZB143094.	124.09	0.893256 0.895107	ZB144064.	125.29	0.902594 0.911623	ZB151064.	131.59	0.944639 0.958945
0.934121	ZB143094.	124.09	0.88799 0.888675	ZB144064.	125.29	0.898491 0.907487	ZB151064.	131.59	0.942472 0.953358
0.928904	ZB143094.	124.09	0.882329 0.881824	ZB144064.	125.29	0.89574 0.902218	ZB151064.	131.59	0.941217 0.94784
0.922722	ZB143094.	124.09	0.876379 0.874688	ZB144064.	125.29	0.893958 0.895878	ZB151064.	131.59	0.940726 0.942697
0.916117	ZB143094.	124.09	0.870416 0.867548	ZB144064.	125.29	0.892516 0.888948	ZB151064.	131.59	0.940347 0.938062
0.909696	ZB143094.	124.09	0.864739 0.86066	ZB144064.	125.29	0.890616 0.882143	ZB151064.	131.59	0.939043 0.933813
0.903934	ZB143094.	124.09	0.859497 0.854088	ZB144064.	125.29	0.887447 0.876117	ZB151064.	131.59	0.935843 0.929604
0.899002	ZB143094.	124.09	0.854559 0.847634	ZB144064.	125.29	0.882418 0.871227	ZB151064.	131.59	0.930404 0.925052
0.894672	ZB143094.	124.09	0.849539 0.840965	ZB144064.	125.29	0.875363 0.867442	ZB151064.	131.59	0.923267 0.919961
0.890341	ZB143094.	124.09	0.843905 0.833827	ZB144064.	125.29	0.866626 0.864413	ZB151064.	131.59	0.915605 0.914463
0.885207	ZB143094.	124.09	0.837154 0.826195	ZB144064.	125.29	0.856939 0.861626	ZB151064.	131.59	0.908573 0.908939
0.878523	ZB143094.	124.09	0.82899 0.818237	ZB144064.	125.29	0.847117 0.858561	ZB151064.	131.59	0.902652 0.903725
0.869853	ZB143094.	124.09	0.81943 0.810132	ZB144064.	125.29	0.83774 0.854753	ZB151064.	131.59	0.897422 0.898772
0.859224	ZB143094.	124.09	0.80882 0.801909	ZB144064.	125.29	0.828972 0.84979	ZB151064.	131.59	0.89183 0.893487
0.847124	ZB143094.	124.09	0.797771 0.793445	ZB144064.	125.29	0.820591 0.843282	ZB151064.	131.59	0.884802 0.886933
0.834376	ZB143094.	124.09	0.787007 0.78462	ZB144064.	125.29	0.81221 0.834902	ZB151064.	131.59	0.875822 0.878328
0.821887	ZB143094.	124.09	0.777132 0.775525	ZB144064.	125.29	0.803577 0.824486	ZB151064.	131.59	0.86514 0.867535
0.810435	ZB143094.	124.09	0.768442 0.766518	ZB144064.	125.29	0.794762 0.812179	ZB151064.	131.59	0.853579 0.85525
0.800481	ZB143094.	124.09	0.760844 0.758053	ZB144064.	125.29	0.786145 0.798522	ZB151064.	131.59	0.842089 0.842727
0.792081	ZB143094.	124.09	0.753937 0.750362	ZB144064.	125.29	0.778206 0.784387	ZB151064.	131.59	0.831326 0.831197
0.784889	ZB143094.	124.09	0.747213 0.743257	ZB144064.	125.29	0.771237 0.770736	ZB151064.	131.59	0.821458 0.82133
0.778268	ZB143094.	124.09	0.740318 0.736234	ZB144064.	125.29	0.765166 0.758359	ZB151064.	131.59	0.812255 0.81308
0.771493	ZB143094.	124.09	0.733226 0.728887	ZB144064.	125.29	0.759573 0.747698	ZB151064.	131.59	0.80334 0.805911
0.763996	ZB143094.	124.09	0.726244 0.721311	ZB144064.	125.29	0.753916 0.738828	ZB151064.	131.59	0.794426 0.799215
0.75558	ZB143094.	124.09	0.719874 0.714221	ZB144064.	125.29	0.747856 0.731578	ZB151064.	131.59	0.785421 0.792595
0.746483	ZB143094.	124.09	0.714573 0.708678	ZB144064.	125.29	0.741443 0.725665	ZB151064.	131.59	0.776428 0.785901
0.737285	ZB143094.	124.09	0.710527 0.705516	ZB144064.	125.29	0.735064 0.720804	ZB151064.	131.59	0.76769 0.779099
0.728662	ZB143094.	124.09	0.707505 0.704817	ZB144064.	125.29	0.72916 0.716736	ZB151064.	131.59	0.75952 0.772157
0.721149	ZB143094.	124.09	0.704864 0.705721	ZB144064.	125.29	0.723948 0.713218	ZB151064.	131.59	0.752214 0.765049
0.714972	ZB143094.	124.09	0.701739 0.706713	ZB144064.	125.29	0.719295 0.710002	ZB151064.	131.59	0.745953 0.757846
0.710029	ZB143094.	124.09	0.697349 0.706229	ZB144064.	125.29	0.714829 0.706855	ZB151064.	131.59	0.740704 0.750745
0.705982	ZB143094.	124.09	0.691327 0.7032	ZB144064.	125.29	0.710133 0.703616	ZB151064.	131.59	0.736192 0.744001
0.702383	ZB143094.	124.09	0.683905 0.697363	ZB144064.	125.29	0.704925 0.700218	ZB151064.	131.59	0.731975 0.737761
0.698771	ZB143094.	124.09	0.675833 0.689199	ZB144064.	125.29	0.699098 0.696666	ZB151064.	131.59	0.727633 0.731976
0.694734	ZB143094.	124.09	0.668093 0.679637	ZB144064.	125.29	0.6927 0.692967	ZB151064.	131.59	0.72295 0.726432
0.689964	ZB143094.	124.09	0.661558 0.669757	ZB144064.	125.29	0.68591 0.689074	ZB151064.	131.59	0.718006 0.720924
0.684289	ZB143094.	124.09	0.656719 0.660594	ZB144064.	125.29	0.679905 0.684874	ZB151064.	131.59	0.713062 0.715431
0.677688	ZB143094.	124.09	0.653583 0.653037	ZB144064.	125.29	0.672563 0.68026	ZB151064.	131.59	0.708324 0.710156
0.670295	ZB143094.	124.09	0.651719 0.64773	ZB144064.	125.29	0.666884 0.675239	ZB151064.	131.59	0.70375 0.705379
0.662367	ZB143094.	124.09	0.650397 0.644906	ZB144064.	125.29	0.662227 0.669981	ZB151064.	131.59	0.699046 0.701225
0.654244	ZB143094.	124.09	0.648756 0.644223	ZB144064.	125.29	0.658389 0.664772	ZB151064.	131.59	0.69386 0.697504
0.646315	ZB143094.	124.09	0.646015 0.644768	ZB144064.	125.29	0.654736 0.659861	ZB151064.	131.59	0.688034 0.693756
0.63899	ZB143094.	124.09	0.641691 0.64534	ZB144064.	125.29	0.650434 0.655293	ZB151064.	131.59	0.681721 0.689456
0.632641	ZB143094.	124.09	0.635753 0.644898	ZB144064.	125.29	0.644807 0.650838	ZB151064.	131.59	0.675257 0.684272
0.627511	ZB143094.	124.09	0.628637 0.642958	ZB144064.	125.29	0.637607 0.646075	ZB151064.	131.59	0.668863 0.678232
0.623604	ZB143094.	124.09	0.621125 0.639734	ZB144064.	125.29	0.62905 0.640564	ZB151064.	131.59	0.662353 0.671705
0.620632	ZB143094.	124.09	0.614094 0.635906	ZB144064.	125.29	0.619601 0.634029	ZB151064.	131.59	0.655037 0.665235
0.618091	ZB143094.	124.09	0.608252 0.632183	ZB144064.	125.29	0.609692 0.626449	ZB151064.	131.59	0.645916 0.65931

name.20	depth.20	RawTest1.	RawTest2.20	name.21	depth.21	RawTest1.	RawTest2.21	name.22	depth.22	RawTest1.	RawTest2.22	name.23	depth.23
ZB151090.	131.84	1.025255	1.020439	ZB151124.	132.19	0.999226	1.031946	ZB152074.	133.1	1.011086	0.977889	ZB153073.	134.57
ZB151090.	131.84	1.023039	1.021841	ZB151124.	132.19	0.996215	1.029878	ZB152074.	133.1	1.009542	0.978282	ZB153073.	134.57
ZB151090.	131.84	1.018603	1.024073	ZB151124.	132.19	0.990612	1.027356	ZB152074.	133.1	1.006818	0.979614	ZB153073.	134.57
ZB151090.	131.84	1.014226	1.025327	ZB151124.	132.19	0.985723	1.026725	ZB152074.	133.1	1.004559	0.981489	ZB153073.	134.57
ZB151090.	131.84	1.009944	1.025371	ZB151124.	132.19	0.981761	1.027406	ZB152074.	133.1	1.002661	0.983564	ZB153073.	134.57
ZB151090.	131.84	1.005709	1.024143	ZB151124.	132.19	0.978903	1.028494	ZB152074.	133.1	1.000876	0.985469	ZB153073.	134.57
ZB151090.	131.84	1.001426	1.021759	ZB151124.	132.19	0.977245	1.02897	ZB152074.	133.1	0.998878	0.986951	ZB153073.	134.57
ZB151090.	131.84	0.997031	1.018436	ZB151124.	132.19	0.976753	1.027954	ZB152074.	133.1	0.996389	0.987941	ZB153073.	134.57
ZB151090.	131.84	0.992618	1.014379	ZB151124.	132.19	0.977245	1.024747	ZB152074.	133.1	0.993347	0.988519	ZB153073.	134.57
ZB151090.	131.84	0.988484	1.009697	ZB151124.	132.19	0.978422	1.018996	ZB152074.	133.1	0.990004	0.988812	ZB153073.	134.57
ZB151090.	131.84	0.985033	1.004431	ZB151124.	132.19	0.979925	1.010668	ZB152074.	133.1	0.986878	0.988858	ZB153073.	134.57
ZB151090.	131.84	0.982528	0.998656	ZB151124.	132.19	0.981403	1.000085	ZB152074.	133.1	0.984551	0.988514	ZB153073.	134.57
ZB151090.	131.84	0.980819	0.992573	ZB151124.	132.19	0.982582	0.987968	ZB152074.	133.1	0.983353	0.987447	ZB153073.	134.57
ZB151090.	131.84	0.979252	0.986536	ZB151124.	132.19	0.983284	0.97542	ZB152074.	133.1	0.983109	0.985186	ZB153073.	134.57
ZB151090.	131.84	0.976872	0.980963	ZB151124.	132.19	0.983449	0.963741	ZB152074.	133.1	0.983083	0.981281	ZB153073.	134.57
ZB151090.	131.84	0.972848	0.97618	ZB151124.	132.19	0.983097	0.954101	ZB152074.	133.1	0.982202	0.975514	ZB153073.	134.57
ZB151090.	131.84	0.966919	0.97229	ZB151124.	132.19	0.982297	0.94716	ZB152074.	133.1	0.979436	0.968087	ZB153073.	134.57
ZB151090.	131.84	0.959576	0.969133	ZB151124.	132.19	0.981108	0.942872	ZB152074.	133.1	0.974204	0.959668	ZB153073.	134.57
ZB151090.	131.84	0.95185	0.966339	ZB151124.	132.19	0.979516	0.940607	ZB152074.	133.1	0.966655	0.951233	ZB153073.	134.57
ZB151090.	131.84	0.944801	0.963409	ZB151124.	132.19	0.977394	0.939521	ZB152074.	133.1	0.957676	0.94374	ZB153073.	134.57
ZB151090.	131.84	0.939031	0.959797	ZB151124.	132.19	0.974495	0.938945	ZB152074.	133.1	0.948662	0.937797	ZB153073.	134.57
ZB151090.	131.84	0.934439	0.955	ZB151124.	132.19	0.970501	0.938553	ZB152074.	133.1	0.941057	0.9335	ZB153073.	134.57
ZB151090.	131.84	0.930404	0.948683	ZB151124.	132.19	0.965122	0.938255	ZB152074.	133.1	0.93592	0.930514	ZB153073.	134.57
ZB151090.	131.84	0.926219	0.940817	ZB151124.	132.19	0.958232	0.93793	ZB152074.	133.1	0.933596	0.92831	ZB153073.	134.57
ZB151090.	131.84	0.921487	0.931763	ZB151124.	132.19	0.949969	0.937253	ZB152074.	133.1	0.933687	0.926362	ZB153073.	134.57
ZB151090.	131.84	0.916258	0.922237	ZB151124.	132.19	0.940778	0.935782	ZB152074.	133.1	0.935253	0.924218	ZB153073.	134.57
ZB151090.	131.84	0.913085	0.913128	ZB151124.	132.19	0.931352	0.933238	ZB152074.	133.1	0.937106	0.92148	ZB153073.	134.57
ZB151090.	131.84	0.905571	0.905216	ZB151124.	132.19	0.922452	0.929724	ZB152074.	133.1	0.938069	0.917858	ZB153073.	134.57
ZB151090.	131.84	0.900431	0.898886	ZB151124.	132.19	0.914701	0.925631	ZB152074.	133.1	0.937147	0.913282	ZB153073.	134.57
ZB151090.	131.84	0.895212	0.894017	ZB151124.	132.19	0.908408	0.92129	ZB152074.	133.1	0.933621	0.908027	ZB153073.	134.57
ZB151090.	131.84	0.889604	0.890094	ZB151124.	132.19	0.903515	0.916647	ZB152074.	133.1	0.927162	0.902694	ZB153073.	134.57
ZB151090.	131.84	0.883433	0.886464	ZB151124.	132.19	0.899671	0.911262	ZB152074.	133.1	0.917958	0.897954	ZB153073.	134.57
ZB151090.	131.84	0.876789	0.882607	ZB151124.	132.19	0.896374	0.904664	ZB152074.	133.1	0.906707	0.894226	ZB153073.	134.57
ZB151090.	131.84	0.87001	0.878316	ZB151124.	132.19	0.893101	0.896842	ZB152074.	133.1	0.894451	0.89147	ZB153073.	134.57
ZB151090.	131.84	0.86352	0.873726	ZB151124.	132.19	0.889378	0.888465	ZB152074.	133.1	0.882304	0.889217	ZB153073.	134.57
ZB151090.	131.84	0.857601	0.869172	ZB151124.	132.19	0.884821	0.880641	ZB152074.	133.1	0.871163	0.88679	ZB153073.	134.57
ZB151090.	131.84	0.852254	0.864936	ZB151124.	132.19	0.879202	0.874315	ZB152074.	133.1	0.861592	0.883599	ZB153073.	134.57
ZB151090.	131.84	0.847218	0.860992	ZB151124.	132.19	0.872548	0.869716	ZB152074.	133.1	0.853872	0.879308	ZB153073.	134.57
ZB151090.	131.84	0.842132	0.856911	ZB151124.	132.19	0.865147	0.866178	ZB152074.	133.1	0.848099	0.87384	ZB153073.	134.57
ZB151090.	131.84	0.836723	0.851985	ZB151124.	132.19	0.857429	0.862466	ZB152074.	133.1	0.844183	0.867262	ZB153073.	134.57
ZB151090.	131.84	0.830918	0.845557	ZB151124.	132.19	0.849722	0.857371	ZB152074.	133.1	0.841709	0.859655	ZB153073.	134.57
ZB151090.	131.84	0.82478	0.837387	ZB151124.	132.19	0.842054	0.850238	ZB152074.	133.1	0.839802	0.851052	ZB153073.	134.57
ZB151090.	131.84	0.818319	0.827789	ZB151124.	132.19	0.834145	0.84115	ZB152074.	133.1	0.837206	0.841428	ZB153073.	134.57
ZB151090.	131.84	0.811327	0.817478	ZB151124.	132.19	0.825628	0.830762	ZB152074.	133.1	0.832632	0.830773	ZB153073.	134.57
ZB151090.	131.84	0.803384	0.807216	ZB151124.	132.19	0.816366	0.819928	ZB152074.	133.1	0.825227	0.819209	ZB153073.	134.57
ZB151090.	131.84	0.794058	0.797457	ZB151124.	132.19	0.806621	0.809364	ZB152074.	133.1	0.814927	0.807094	ZB153073.	134.57
ZB151090.	131.84	0.783204	0.78822	ZB151124.	132.19	0.796964	0.799477	ZB152074.	133.1	0.802475	0.794997	ZB153073.	134.57
ZB151090.	131.84	0.771151	0.779212	ZB151124.	132.19	0.787958	0.790378	ZB152074.	133.1	0.78913	0.783515	ZB153073.	134.57
ZB151090.	131.84	0.75866	0.770091	ZB151124.	132.19	0.779832	0.781947	ZB152074.	133.1	0.776229	0.773029	ZB153073.	134.57
ZB151090.	131.84	0.746668	0.760676	ZB151124.	132.19	0.772396	0.773927	ZB152074.	133.1	0.764796	0.763539	ZB153073.	134.57
ZB151090.	131.84	0.735972	0.751003	ZB151124.	132.19	0.765234	0.766017	ZB152074.	133.1	0.755337	0.754732	ZB153073.	134.57
ZB151090.	131.84	0.72698	0.741223	ZB151124.	132.19	0.757985	0.75797	ZB152074.	133.1	0.747861	0.746231	ZB153073.	134.57
ZB151090.	131.84	0.719652	0.731501	ZB151124.	132.19	0.750522	0.749667	ZB152074.	133.1	0.742008	0.737861	ZB153073.	134.57
ZB151090.	131.84	0.713615	0.721994	ZB151124.	132.19	0.742933	0.741168	ZB152074.	133.1	0.737268	0.729766	ZB153073.	134.57
ZB151090.	131.84	0.708373	0.712924	ZB151124.	132.19	0.735367	0.732716	ZB152074.	133.1	0.733176	0.722267	ZB153073.	134.57
ZB151090.	131.84	0.703502	0.704637	ZB151124.	132.19	0.727897	0.724683	ZB152074.	133.1	0.729404	0.715614	ZB153073.	134.57
ZB151090.	131.84	0.698736	0.697568	ZB151124.	132.19	0.720483	0.717453	ZB152074.	133.1	0.725735	0.709836	ZB153073.	134.57
ZB151090.	131.84	0.693935	0.692086	ZB151124.	132.19	0.713053	0.711293	ZB152074.	133.1	0.721983	0.704777	ZB153073.	134.57
ZB151090.	131.84	0.688978	0.688312	ZB151124.	132.19	0.705583	0.706248	ZB152074.	133.1	0.717953	0.700275	ZB153073.	134.57
ZB151090.	131.84	0.683669	0.686008	ZB151124.	132.19	0.698155	0.702125	ZB152074.	133.1	0.713482	0.696253	ZB153073.	134.57
ZB151090.	131.84	0.677762	0.684592	ZB151124.	132.19	0.690984	0.698536	ZB152074.	133.1	0.708533	0.692714	ZB153073.	134.57
ZB151090.	131.84	0.671072	0.683265	ZB151124.	132.19	0.684388	0.695019	ZB152074.	133.1	0.703275	0.689634	ZB153073.	134.57
ZB151090.	131.84	0.663591	0.681245	ZB151124.	132.19	0.678719	0.691167	ZB152074.	133.1	0.69806	0.686886	ZB153073.	134.57
ZB151090.	131.84	0.655515	0.678008	ZB151124.	132.19	0.674234	0.686728	ZB152074.	133.1	0.69329	0.68426	ZB153073.	134.57
ZB151090.	131.84	0.647164	0.673455	ZB151124.	132.19	0.670954	0.681675	ZB152074.	133.1	0.689202	0.681548	ZB153073.	134.57
ZB151090.	131.84	0.638817	0.667928	ZB151124.	132.19	0.668612	0.676203	ZB152074.	133.1	0.68571	0.678609	ZB153073.	134.57
ZB151090.	131.84	0.630588	0.662045	ZB151124.	132.19	0.666746	0.670667	ZB152074.	133.1	0.682392	0.675373	ZB153073.	134.57
ZB151090.	131.84	0.622391	0.656407	ZB151124.	132.19	0.664887	0.665461	ZB152074.	133.1	0.678683	0.671788	ZB153073.	134.57
ZB151090.	131.84	0.614028	0.651342	ZB151124.	132.19	0.662735	0.660847	ZB152074.	133.1	0.674138	0.667803	ZB153073.	134.57
ZB151090.	131.84	0.605342	0.646754	ZB151124.	132.19	0.660189	0.656806	ZB152074.	133.1	0.668681	0.663412	ZB153073.	134.57
ZB151090.	131.84	0.596336	0.642167	ZB151124.	132.19								

RawTest1. RawTest2.23	name.24	depth.24	RawTest1. RawTest2.24	name.25	depth.25	RawTest1. RawTest2.25	name.26	depth.26	RawTest1. RawTest2.26
1.040285 0.965779	ZB154023.	135.53	1.005397 1.034129	ZB161053.	140.93	1.037371 1.015229	ZB161076.	141.17	1.012518 0.979684
1.037852 0.967222	ZB154023.	135.53	1.004885 1.032116	ZB161053.	140.93	1.037162 1.013762	ZB161076.	141.17	1.012842 0.979943
1.032539 0.969915	ZB154023.	135.53	1.004083 1.027512	ZB161053.	140.93	1.035826 1.011649	ZB161076.	141.17	1.012169 0.980716
1.026579 0.97243	ZB154023.	135.53	1.003554 1.022076	ZB161053.	140.93	1.033199 1.01075	ZB161076.	141.17	1.009738 0.981615
1.020092 0.974808	ZB154023.	135.53	1.003208 1.01598	ZB161053.	140.93	1.029459 1.01105	ZB161076.	141.17	1.005732 0.982297
1.013379 0.977043	ZB154023.	135.53	1.002865 1.00964	ZB161053.	140.93	1.025108 1.012165	ZB161076.	141.17	1.000587 0.982454
1.00685 0.979027	ZB154023.	135.53	1.002265 1.003645	ZB161053.	140.93	1.020812 1.013341	ZB161076.	141.17	0.9949 0.98194
1.000915 0.980537	ZB154023.	135.53	1.001123 0.998611	ZB161053.	140.93	1.017151 1.01365	ZB161076.	141.17	0.989342 0.980821
0.995858 0.98131	ZB154023.	135.53	0.999208 0.994989	ZB161053.	140.93	1.014352 1.012297	ZB161076.	141.17	0.984551 0.979283
0.991764 0.98117	ZB154023.	135.53	0.996433 0.992892	ZB161053.	140.93	1.012194 1.008972	ZB161076.	141.17	0.98102 0.977471
0.988515 0.980149	ZB154023.	135.53	0.992938 0.992031	ZB161053.	140.93	1.010107 1.004021	ZB161076.	141.17	0.978979 0.975348
0.985847 0.978536	ZB154023.	135.53	0.989072 0.991774	ZB161053.	140.93	1.007461 0.998351	ZB161076.	141.17	0.97831 0.972687
0.983443 0.976792	ZB154023.	135.53	0.985303 0.991321	ZB161053.	140.93	1.003863 0.993037	ZB161076.	141.17	0.978554 0.969215
0.981035 0.975328	ZB154023.	135.53	0.98204 0.98995	ZB161053.	140.93	0.999344 0.988842	ZB161076.	141.17	0.979026 0.964839
0.978484 0.974263	ZB154023.	135.53	0.97945 0.987218	ZB161053.	140.93	0.994313 0.985895	ZB161076.	141.17	0.979023 0.959815
0.975797 0.973308	ZB154023.	135.53	0.977344 0.983015	ZB161053.	140.93	0.989332 0.983724	ZB161076.	141.17	0.978015 0.954748
0.973086 0.971887	ZB154023.	135.53	0.975227 0.977497	ZB161053.	140.93	0.984833 0.98163	ZB161076.	141.17	0.975754 0.950391
0.970438 0.969423	ZB154023.	135.53	0.972456 0.970925	ZB161053.	140.93	0.980894 0.979183	ZB161076.	141.17	0.972265 0.947361
0.967795 0.965672	ZB154023.	135.53	0.968484 0.963524	ZB161053.	140.93	0.977191 0.97653	ZB161076.	141.17	0.96777 0.945887
0.964893 0.960886	ZB154023.	135.53	0.963071 0.955452	ZB161053.	140.93	0.97314 0.974307	ZB161076.	141.17	0.962613 0.945737
0.961344 0.955687	ZB154023.	135.53	0.95635 0.946872	ZB161053.	140.93	0.968162 0.97324	ZB161076.	141.17	0.95724 0.946366
0.956809 0.950731	ZB154023.	135.53	0.948763 0.938063	ZB161053.	140.93	0.962001 0.973656	ZB161076.	141.17	0.95219 0.947162
0.951178 0.946318	ZB154023.	135.53	0.940844 0.929448	ZB161053.	140.93	0.954958 0.975229	ZB161076.	141.17	0.948015 0.947693
0.944639 0.942232	ZB154023.	135.53	0.932979 0.921524	ZB161053.	140.93	0.947936 0.977125	ZB161076.	141.17	0.945124 0.947795
0.937612 0.937912	ZB154023.	135.53	0.925281 0.914719	ZB161053.	140.93	0.942244 0.97843	ZB161076.	141.17	0.9436 0.947512
0.930567 0.932814	ZB154023.	135.53	0.917606 0.909223	ZB161053.	140.93	0.939142 0.978544	ZB161076.	141.17	0.943089 0.946943
0.923869 0.926765	ZB154023.	135.53	0.909714 0.90491	ZB161053.	140.93	0.939276 0.977343	ZB161076.	141.17	0.942847 0.946055
0.917706 0.92009	ZB154023.	135.53	0.901496 0.901398	ZB161053.	140.93	0.942206 0.974998	ZB161076.	141.17	0.94196 0.944604
0.912104 0.913535	ZB154023.	135.53	0.893133 0.898213	ZB161053.	140.93	0.946369 0.971691	ZB161076.	141.17	0.939646 0.942188
0.907 0.908017	ZB154023.	135.53	0.885096 0.894947	ZB161053.	140.93	0.949572 0.967428	ZB161076.	141.17	0.935501 0.938435
0.902298 0.904264	ZB154023.	135.53	0.877968 0.891344	ZB161053.	140.93	0.949842 0.962098	ZB161076.	141.17	0.929607 0.933208
0.897863 0.902429	ZB154023.	135.53	0.872148 0.887282	ZB161053.	140.93	0.946266 0.955681	ZB161076.	141.17	0.922468 0.926758
0.893462 0.901902	ZB154023.	135.53	0.867614 0.882687	ZB161053.	140.93	0.939303 0.948419	ZB161076.	141.17	0.914846 0.919743
0.888756 0.901355	ZB154023.	135.53	0.863869 0.877484	ZB161053.	140.93	0.930421 0.94078	ZB161076.	141.17	0.907544 0.913099
0.883386 0.899192	ZB154023.	135.53	0.860116 0.871624	ZB161053.	140.93	0.921317 0.933248	ZB161076.	141.17	0.901212 0.907776
0.877133 0.894209	ZB154023.	135.53	0.855605 0.86516	ZB161053.	140.93	0.913125 0.92609	ZB161076.	141.17	0.89615 0.904371
0.870066 0.886223	ZB154023.	135.53	0.850015 0.858319	ZB161053.	140.93	0.90609 0.919277	ZB161076.	141.17	0.892248 0.902857
0.862539 0.876253	ZB154023.	135.53	0.843615 0.851499	ZB161053.	140.93	0.899778 0.912592	ZB161076.	141.17	0.889091 0.902518
0.855047 0.866125	ZB154023.	135.53	0.837145 0.845124	ZB161053.	140.93	0.893581 0.905834	ZB161076.	141.17	0.886198 0.902149
0.847983 0.857621	ZB154023.	135.53	0.831403 0.839455	ZB161053.	140.93	0.887139 0.898921	ZB161076.	141.17	0.883269 0.900483
0.841449 0.851618	ZB154023.	135.53	0.826781 0.834394	ZB161053.	140.93	0.88037 0.891837	ZB161076.	141.17	0.880286 0.896612
0.835217 0.847683	ZB154023.	135.53	0.823005 0.829441	ZB161053.	140.93	0.873248 0.884518	ZB161076.	141.17	0.877371 0.890261
0.828859 0.844319	ZB154023.	135.53	0.819193 0.823845	ZB161053.	140.93	0.865563 0.876811	ZB161076.	141.17	0.874503 0.881764
0.821963 0.839758	ZB154023.	135.53	0.814239 0.816894	ZB161053.	140.93	0.856941 0.86859	ZB161076.	141.17	0.871313 0.871821
0.814345 0.832831	ZB154023.	135.53	0.807307 0.808272	ZB161053.	140.93	0.847103 0.859912	ZB161076.	141.17	0.867165 0.861182
0.806112 0.823448	ZB154023.	135.53	0.798188 0.798223	ZB161053.	140.93	0.83617 0.851087	ZB161076.	141.17	0.861495 0.850452
0.797577 0.812473	ZB154023.	135.53	0.787369 0.787458	ZB161053.	140.93	0.824753 0.84258	ZB161076.	141.17	0.854157 0.840038
0.789111 0.801175	ZB154023.	135.53	0.775807 0.776835	ZB161053.	140.93	0.813748 0.834785	ZB161076.	141.17	0.845542 0.830244
0.78102 0.790609	ZB154023.	135.53	0.764577 0.766979	ZB161053.	140.93	0.803935 0.82779	ZB161076.	141.17	0.836341 0.821368
0.773497 0.781212	ZB154023.	135.53	0.754562 0.758023	ZB161053.	140.93	0.795635 0.821326	ZB161076.	141.17	0.827158 0.813692
0.766624 0.772761	ZB154023.	135.53	0.746249 0.749619	ZB161053.	140.93	0.788604 0.814912	ZB161076.	141.17	0.818258 0.793634
0.760371 0.764625	ZB154023.	135.53	0.739668 0.74122	ZB161053.	140.93	0.782191 0.808099	ZB161076.	141.17	0.809609 0.802234
0.754568 0.756159	ZB154023.	135.53	0.734404 0.732461	ZB161053.	140.93	0.775641 0.800649	ZB161076.	141.17	0.801169 0.7978
0.748918 0.747084	ZB154023.	135.53	0.729719 0.723419	ZB161053.	140.93	0.768418 0.792597	ZB161076.	141.17	0.793127 0.793334
0.743089 0.737612	ZB154023.	135.53	0.72477 0.71458	ZB161053.	140.93	0.760388 0.784165	ZB161076.	141.17	0.785891 0.788102
0.736852 0.728355	ZB154023.	135.53	0.718888 0.706563	ZB161053.	140.93	0.751804 0.775641	ZB161076.	141.17	0.779807 0.781638
0.730239 0.720045	ZB154023.	135.53	0.711862 0.69977	ZB161053.	140.93	0.743169 0.767293	ZB161076.	141.17	0.774862 0.773908
0.723582 0.713222	ZB154023.	135.53	0.704044 0.694175	ZB161053.	140.93	0.735038 0.759345	ZB161076.	141.17	0.770588 0.76533
0.717429 0.708038	ZB154023.	135.53	0.69621 0.689406	ZB161053.	140.93	0.727864 0.751985	ZB161076.	141.17	0.766277 0.756612
0.712321 0.704274	ZB154023.	135.53	0.689196 0.685024	ZB161053.	140.93	0.721898 0.745377	ZB161076.	141.17	0.761297 0.748457
0.708568 0.701476	ZB154023.	135.53	0.683507 0.680835	ZB161053.	140.93	0.717115 0.73963	ZB161076.	141.17	0.755372 0.741286
0.7061 0.699161	ZB154023.	135.53	0.679071 0.676975	ZB161053.	140.93	0.713228 0.734744	ZB161076.	141.17	0.748632 0.735088
0.704464 0.696971	ZB154023.	135.53	0.67531 0.673735	ZB161053.	140.93	0.70975 0.730542	ZB161076.	141.17	0.741465 0.72949
0.702974 0.694706	ZB154023.	135.53	0.671454 0.671235	ZB161053.	140.93	0.706128 0.726666	ZB161076.	141.17	0.734311 0.723975
0.700958 0.692252	ZB154023.	135.53	0.666951 0.66918	ZB161053.	140.93	0.701881 0.722624	ZB161076.	141.17	0.727516 0.718156
0.697987 0.689472	ZB154023.	135.53	0.661725 0.666912	ZB161053.	140.93	0.696735 0.717944	ZB161076.	141.17	0.721307 0.711949
0.694027 0.686157	ZB154023.	135.53	0.656143 0.663719	ZB161053.	140.93	0.690691 0.71238	ZB161076.	141.17	0.715806 0.705595
0.689404 0.682077	ZB154023.	135.53	0.65074 0.659242	ZB161053.	140.93	0.684008 0.706026	ZB161076.	141.17	0.711055 0.699519
0.684625 0.677103	ZB154023.	135.53	0.645912 0.653709	ZB161053.	140.93	0.677094 0.699282	ZB161076.	141.17	0.707011 0.694143
0.680095 0.671301	ZB154023.	135.53	0.641763 0.647817	ZB161053.	140.93	0.670373 0.692669	ZB161076.	141.17	0.703554 0.689717
0.675932 0.664916	ZB154023.	135.53	0.638176 0.642321	ZB161053.	140.93	0.664224 0.686622	ZB161076.	141.17	0.700505 0.686275
0.672031 0.658298	ZB154023.	135.53	0.635003 0.637638	ZB161053.	140.93	0.65904 0.681385	ZB161076.	141.17	0.69762 0.683748
0.668425 0.651808	ZB154023.	135.53	0.632195 0.633692	ZB161053.	140.93	0.655412 0.677141	ZB161076.	141.17	0.69454 0.68215
0.665743 0.645775	ZB154023.	135.53	0.629791 0.630074	ZB161053.	140.93	0.654308 0.674259	ZB161076.	141.17	0.690706 0.681755
0.665453 0.640478	ZB154023.	135.53	0.627766 0.626414	ZB161053.	140.93	0.657115 0.67351	ZB161076.	141.17	0.685323 0.683134
0.669646 0.636159	ZB154023.	135.53	0.625891 0.622679	ZB161053.	140.93	0.665415 0.676018	ZB161076.	141.17	0.677448 0.687

26	name.27	depth.27	RawTest1.	RawTest2.27	name.28	depth.28	RawTest1.	RawTest2.28	name.29	depth.29	RawTest1.	RawTest2.29	name.30
	ZB161124.	141.65	1.0093	1.008598	ZB161138.	141.77	0.988383	0.96209	ZB162017.	142.07	0.985533	0.976224	ZB162137.
	ZB161124.	141.65	1.00953	1.007725	ZB161138.	141.77	0.988801	0.963087	ZB162017.	142.07	0.983672	0.978277	ZB162137.
	ZB161124.	141.65	1.0095	1.005754	ZB161138.	141.77	0.989839	0.965959	ZB162017.	142.07	0.980626	0.981661	ZB162137.
	ZB161124.	141.65	1.00887	1.003135	ZB161138.	141.77	0.990992	0.969937	ZB162017.	142.07	0.978566	0.984157	ZB162137.
	ZB161124.	141.65	1.007786	0.999571	ZB161138.	141.77	0.991949	0.974676	ZB162017.	142.07	0.977513	0.98587	ZB162137.
	ZB161124.	141.65	1.006467	0.995045	ZB161138.	141.77	0.992321	0.979556	ZB162017.	142.07	0.977366	0.987014	ZB162137.
	ZB161124.	141.65	1.005122	0.989929	ZB161138.	141.77	0.991828	0.983853	ZB162017.	142.07	0.977966	0.98785	ZB162137.
	ZB161124.	141.65	1.00385	0.984943	ZB161138.	141.77	0.99037	0.986936	ZB162017.	142.07	0.979166	0.988627	ZB162137.
	ZB161124.	141.65	1.00259	0.980939	ZB161138.	141.77	0.988184	0.988479	ZB162017.	142.07	0.980861	0.989508	ZB162137.
	ZB161124.	141.65	1.001118	0.97859	ZB161138.	141.77	0.985773	0.988586	ZB162017.	142.07	0.982972	0.990527	ZB162137.
	ZB161124.	141.65	0.999124	0.978071	ZB161138.	141.77	0.983734	0.987772	ZB162017.	142.07	0.985366	0.991561	ZB162137.
	ZB161124.	141.65	0.996324	0.978932	ZB161138.	141.77	0.982496	0.986821	ZB162017.	142.07	0.98776	0.992379	ZB162137.
	ZB161124.	141.65	0.992585	0.980185	ZB161138.	141.77	0.982105	0.986511	ZB162017.	142.07	0.989679	0.992741	ZB162137.
	ZB161124.	141.65	0.988019	0.980642	ZB161138.	141.77	0.982117	0.987324	ZB162017.	142.07	0.990524	0.992538	ZB162137.
	ZB161124.	141.65	0.982985	0.979393	ZB161138.	141.77	0.981741	0.989214	ZB162017.	142.07	0.989789	0.991895	ZB162137.
	ZB161124.	141.65	0.977985	0.976164	ZB161138.	141.77	0.980162	0.991577	ZB162017.	142.07	0.987221	0.991136	ZB162137.
	ZB161124.	141.65	0.973483	0.971418	ZB161138.	141.77	0.976911	0.993446	ZB162017.	142.07	0.983024	0.990607	ZB162137.
	ZB161124.	141.65	0.969718	0.96612	ZB161138.	141.77	0.972113	0.993857	ZB162017.	142.07	0.977795	0.990426	ZB162137.
	ZB161124.	141.65	0.966611	0.961279	ZB161138.	141.77	0.966447	0.992245	ZB162017.	142.07	0.972316	0.99034	ZB162137.
	ZB161124.	141.65	0.963822	0.957503	ZB161138.	141.77	0.960813	0.988694	ZB162017.	142.07	0.96728	0.989807	ZB162137.
	ZB161124.	141.65	0.960944	0.954817	ZB161138.	141.77	0.955898	0.983876	ZB162017.	142.07	0.963135	0.988297	ZB162137.
	ZB161124.	141.65	0.957696	0.952785	ZB161138.	141.77	0.951868	0.978741	ZB162017.	142.07	0.960108	0.985609	ZB162137.
	ZB161124.	141.65	0.95402	0.950856	ZB161138.	141.77	0.948399	0.974071	ZB162017.	142.07	0.958304	0.982025	ZB162137.
	ZB161124.	141.65	0.950042	0.948704	ZB161138.	141.77	0.94503	0.970137	ZB162017.	142.07	0.957771	0.9782	ZB162137.
	ZB161124.	141.65	0.945915	0.946316	ZB161138.	141.77	0.94155	0.966651	ZB162017.	142.07	0.958347	0.974861	ZB162137.
	ZB161124.	141.65	0.941699	0.94383	ZB161138.	141.77	0.93812	0.963023	ZB162017.	142.07	0.959657	0.972514	ZB162137.
	ZB161124.	141.65	0.937304	0.941258	ZB161138.	141.77	0.935077	0.9588	ZB162017.	142.07	0.960971	0.971282	ZB162137.
	ZB161124.	141.65	0.932524	0.93834	ZB161138.	141.77	0.932566	0.954011	ZB162017.	142.07	0.96146	0.970942	ZB162137.
	ZB161124.	141.65	0.927156	0.934627	ZB161138.	141.77	0.930302	0.94918	ZB162017.	142.07	0.960552	0.971047	ZB162137.
	ZB161124.	141.65	0.921144	0.929722	ZB161138.	141.77	0.927664	0.944943	ZB162017.	142.07	0.958248	0.971	ZB162137.
	ZB161124.	141.65	0.914693	0.923496	ZB161138.	141.77	0.924062	0.94154	ZB162017.	142.07	0.955169	0.970059	ZB162137.
	ZB161124.	141.65	0.90824	0.916145	ZB161138.	141.77	0.919299	0.938528	ZB162017.	142.07	0.95221	0.967418	ZB162137.
	ZB161124.	141.65	0.902281	0.908092	ZB161138.	141.77	0.913707	0.93499	ZB162017.	142.07	0.950068	0.962446	ZB162137.
	ZB161124.	141.65	0.897099	0.899806	ZB161138.	141.77	0.907975	0.930065	ZB162017.	142.07	0.948862	0.955017	ZB162137.
	ZB161124.	141.65	0.89258	0.891694	ZB161138.	141.77	0.90278	0.923469	ZB162017.	142.07	0.948099	0.945758	ZB162137.
	ZB161124.	141.65	0.888238	0.884068	ZB161138.	141.77	0.89845	0.915619	ZB162017.	142.07	0.946938	0.936008	ZB162137.
	ZB161124.	141.65	0.883479	0.877162	ZB161138.	141.77	0.894773	0.907316	ZB162017.	142.07	0.944587	0.927383	ZB162137.
	ZB161124.	141.65	0.877951	0.871143	ZB161138.	141.77	0.891029	0.899281	ZB162017.	142.07	0.94062	0.921163	ZB162137.
	ZB161124.	141.65	0.87178	0.866061	ZB161138.	141.77	0.886227	0.891833	ZB162017.	142.07	0.93511	0.917745	ZB162137.
	ZB161124.	141.65	0.865524	0.861764	ZB161138.	141.77	0.879462	0.884886	ZB162017.	142.07	0.928573	0.916472	ZB162137.
	ZB161124.	141.65	0.859823	0.857824	ZB161138.	141.77	0.870343	0.87817	ZB162017.	142.07	0.92177	0.915926	ZB162137.
	ZB161124.	141.65	0.854948	0.853575	ZB161138.	141.77	0.859263	0.87145	ZB162017.	142.07	0.915428	0.914517	ZB162137.
	ZB161124.	141.65	0.850527	0.848283	ZB161138.	141.77	0.847381	0.86459	ZB162017.	142.07	0.909987	0.911043	ZB162137.
	ZB161124.	141.65	0.845666	0.84141	ZB161138.	141.77	0.836211	0.85747	ZB162017.	142.07	0.905402	0.905056	ZB162137.
	ZB161124.	141.65	0.839386	0.832825	ZB161138.	141.77	0.826952	0.849914	ZB162017.	142.07	0.901124	0.896888	ZB162137.
	ZB161124.	141.65	0.831179	0.822888	ZB161138.	141.77	0.819892	0.841738	ZB162017.	142.07	0.89629	0.887403	ZB162137.
	ZB161124.	141.65	0.821334	0.812351	ZB161138.	141.77	0.814288	0.832855	ZB162017.	142.07	0.890048	0.877618	ZB162137.
	ZB161124.	141.65	0.810851	0.802106	ZB161138.	141.77	0.808754	0.823356	ZB162017.	142.07	0.881907	0.868366	ZB162137.
	ZB161124.	141.65	0.800969	0.792884	ZB161138.	141.77	0.801986	0.813456	ZB162017.	142.07	0.871967	0.860116	ZB162137.
	ZB161124.	141.65	0.792564	0.785021	ZB161138.	141.77	0.793365	0.803376	ZB162017.	142.07	0.860873	0.852915	ZB162137.
	ZB161124.	141.65	0.785775	0.778411	ZB161138.	141.77	0.783182	0.793257	ZB162017.	142.07	0.849525	0.846472	ZB162137.
	ZB161124.	141.65	0.780039	0.772663	ZB161138.	141.77	0.772392	0.783157	ZB162017.	142.07	0.838666	0.840315	ZB162137.
	ZB161124.	141.65	0.774461	0.767344	ZB161138.	141.77	0.762109	0.773118	ZB162017.	142.07	0.828641	0.833974	ZB162137.
	ZB161124.	141.65	0.768326	0.762164	ZB161138.	141.77	0.753113	0.763232	ZB162017.	142.07	0.819402	0.827131	ZB162137.
	ZB161124.	141.65	0.761426	0.757004	ZB161138.	141.77	0.745616	0.753672	ZB162017.	142.07	0.810748	0.819678	ZB162137.
	ZB161124.	141.65	0.754049	0.751818	ZB161138.	141.77	0.739317	0.74468	ZB162017.	142.07	0.802579	0.811719	ZB162137.
	ZB161124.	141.65	0.746698	0.746545	ZB161138.	141.77	0.733659	0.736536	ZB162017.	142.07	0.794974	0.803537	ZB162137.
	ZB161124.	141.65	0.73976	0.741095	ZB161138.	141.77	0.7281	0.72948	ZB162017.	142.07	0.788069	0.795511	ZB162137.
	ZB161124.	141.65	0.733343	0.735417	ZB161138.	141.77	0.722308	0.723619	ZB162017.	142.07	0.781844	0.788024	ZB162137.
	ZB161124.	141.65	0.727332	0.729585	ZB161138.	141.77	0.71621	0.718849	ZB162017.	142.07	0.776006	0.781377	ZB162137.
	ZB161124.	141.65	0.721534	0.723815	ZB161138.	141.77	0.709912	0.714881	ZB162017.	142.07	0.770074	0.775708	ZB162137.
	ZB161124.	141.65	0.71579	0.718397	ZB161138.	141.77	0.703577	0.711383	ZB162017.	142.07	0.763651	0.770926	ZB162137.
	ZB161124.	141.65	0.710007	0.71357	ZB161138.	141.77	0.697315	0.708127	ZB162017.	142.07	0.756707	0.766718	ZB162137.
	ZB161124.	141.65	0.704137	0.709351	ZB161138.	141.77	0.691142	0.705033	ZB162017.	142.07	0.749649	0.762617	ZB162137.
	ZB161124.	141.65	0.698163	0.705457	ZB161138.	141.77	0.685009	0.702086	ZB162017.	142.07	0.743105	0.758169	ZB162137.
	ZB161124.	141.65	0.69208	0.701357	ZB161138.	141.77	0.678901	0.699198	ZB162017.	142.07	0.737576	0.753074	ZB162137.
	ZB161124.	141.65	0.685926	0.69649	ZB161138.	141.77	0.672911	0.696139	ZB162017.	142.07	0.733138	0.747261	ZB162137.
	ZB161124.	141.65	0.679831	0.690559	ZB161138.	141.77	0.667242	0.692606	ZB162017.	142.07	0.729439	0.740856	ZB162137.
	ZB161124.	141.65	0.674057	0.683699	ZB161138.	141.77	0.662092	0.688361	ZB162017.	142.07	0.725921	0.734097	ZB162137.
	ZB161124.	141.65	0.668986	0.676476	ZB161138.	141.77	0.657511	0.68334	ZB162017.	142.07	0.722144	0.727247	ZB162137.
	ZB161124.	141.65	0.665028	0.669686	ZB161138.	141.77	0.653336	0.677628	ZB162017.	142.07	0.717976	0.72055	ZB162137.
	ZB161124.	141.65	0.662437	0.66401	ZB161138.	141.77	0.649278	0.671307	ZB162017.	142.07	0.713562	0.714208	ZB162137.
	ZB161124.	141.65	0.661126	0.659725	ZB161138.	141.77	0.645139	0.664305	ZB162017.	142.07	0.709085	0.708363	ZB162137.
	ZB161124.	1											

depth.30	RawTest1.	RawTest2.30	name.31	depth.31	RawTest1.	RawTest2.31	name.32	depth.32	RawTest1.	RawTest2.32	name.33	depth.33	RawTest1.
143.27	1.004941	0.969239	ZB164066.	145.56	0.97352	1.007435	ZB172005.	152.2	1.001654	0.965308	ZB173005.	153.7	1.001372
143.27	1.004238	0.968607	ZB164066.	145.56	0.97574	1.006846	ZB172005.	152.2	1.003656	0.966064	ZB173005.	153.7	1.002295
143.27	1.00288	0.967996	ZB164066.	145.56	0.979942	1.004921	ZB172005.	152.2	1.007122	0.967776	ZB173005.	153.7	1.003854
143.27	1.00172	0.968393	ZB164066.	145.56	0.983887	1.002067	ZB172005.	152.2	1.009835	0.969938	ZB173005.	153.7	1.005049
143.27	1.000863	0.969908	ZB164066.	145.56	0.98753	0.998583	ZB172005.	152.2	1.011746	0.972896	ZB173005.	153.7	1.00591
143.27	1.000261	0.972485	ZB164066.	145.56	0.99073	0.994955	ZB172005.	152.2	1.012842	0.976853	ZB173005.	153.7	1.00646
143.27	0.999679	0.975863	ZB164066.	145.56	0.993265	0.991697	ZB172005.	152.2	1.013143	0.981806	ZB173005.	153.7	1.006677
143.27	0.998735	0.979594	ZB164066.	145.56	0.994899	0.989214	ZB172005.	152.2	1.012716	0.98743	ZB173005.	153.7	1.006484
143.27	0.997025	0.983129	ZB164066.	145.56	0.995466	0.98772	ZB172005.	152.2	1.011631	0.993067	ZB173005.	153.7	1.00579
143.27	0.994297	0.98597	ZB164066.	145.56	0.994967	0.987264	ZB172005.	152.2	1.009948	0.997861	ZB173005.	153.7	1.004563
143.27	0.990608	0.987817	ZB164066.	145.56	0.993597	0.987764	ZB172005.	152.2	1.00767	1.001017	ZB173005.	153.7	1.002884
143.27	0.986342	0.988633	ZB164066.	145.56	0.99178	0.989088	ZB172005.	152.2	1.004753	1.002079	ZB173005.	153.7	1.00095
143.27	0.982104	0.988605	ZB164066.	145.56	0.990077	0.990971	ZB172005.	152.2	1.001157	1.001108	ZB173005.	153.7	0.999005
143.27	0.978468	0.988004	ZB164066.	145.56	0.988995	0.992958	ZB172005.	152.2	0.996935	0.998665	ZB173005.	153.7	0.997212
143.27	0.975748	0.987036	ZB164066.	145.56	0.988746	0.994384	ZB172005.	152.2	0.992264	0.995555	ZB173005.	153.7	0.995544
143.27	0.973891	0.985771	ZB164066.	145.56	0.989053	0.994483	ZB172005.	152.2	0.987386	0.99246	ZB173005.	153.7	0.9938
143.27	0.972576	0.984818	ZB164066.	145.56	0.989132	0.992624	ZB172005.	152.2	0.98248	0.989646	ZB173005.	153.7	0.991732
143.27	0.971448	0.982216	ZB164066.	145.56	0.987914	0.988577	ZB172005.	152.2	0.977568	0.986901	ZB173005.	153.7	0.989228
143.27	0.970364	0.979864	ZB164066.	145.56	0.984469	0.982675	ZB172005.	152.2	0.972558	0.983738	ZB173005.	153.7	0.986442
143.27	0.969479	0.97712	ZB164066.	145.56	0.978462	0.975755	ZB172005.	152.2	0.967412	0.979749	ZB173005.	153.7	0.983753
143.27	0.969125	0.973955	ZB164066.	145.56	0.970385	0.968915	ZB172005.	152.2	0.962319	0.974871	ZB173005.	153.7	0.981583
143.27	0.969531	0.97031	ZB164066.	145.56	0.961444	0.963143	ZB172005.	152.2	0.957708	0.969422	ZB173005.	153.7	0.980125
143.27	0.970563	0.966174	ZB164066.	145.56	0.953109	0.959008	ZB172005.	152.2	0.954041	0.963864	ZB173005.	153.7	0.979142
143.27	0.971629	0.961673	ZB164066.	145.56	0.946555	0.956512	ZB172005.	152.2	0.951513	0.95848	ZB173005.	153.7	0.977955
143.27	0.971827	0.957071	ZB164066.	145.56	0.942251	0.955151	ZB172005.	152.2	0.949869	0.953204	ZB173005.	153.7	0.975661
143.27	0.970245	0.95262	ZB164066.	145.56	0.939868	0.954134	ZB172005.	152.2	0.948474	0.947727	ZB173005.	153.7	0.971518
143.27	0.966277	0.948393	ZB164066.	145.56	0.938505	0.952666	ZB172005.	152.2	0.946585	0.941781	ZB173005.	153.7	0.965267
143.27	0.959839	0.944219	ZB164066.	145.56	0.937153	0.950192	ZB172005.	152.2	0.943653	0.935371	ZB173005.	153.7	0.957221
143.27	0.951405	0.939831	ZB164066.	145.56	0.93508	0.946504	ZB172005.	152.2	0.939433	0.928745	ZB173005.	153.7	0.948093
143.27	0.941899	0.93509	ZB164066.	145.56	0.932035	0.941733	ZB172005.	152.2	0.933918	0.922189	ZB173005.	153.7	0.938708
143.27	0.932469	0.930147	ZB164066.	145.56	0.928212	0.936269	ZB172005.	152.2	0.927175	0.915833	ZB173005.	153.7	0.92972
143.27	0.924166	0.925377	ZB164066.	145.56	0.92407	0.93062	ZB172005.	152.2	0.919251	0.909605	ZB173005.	153.7	0.921475
143.27	0.917627	0.921117	ZB164066.	145.56	0.920122	0.925238	ZB172005.	152.2	0.910208	0.903338	ZB173005.	153.7	0.914031
143.27	0.912901	0.917378	ZB164066.	145.56	0.916758	0.920379	ZB172005.	152.2	0.900242	0.896906	ZB173005.	153.7	0.907203
143.27	0.909444	0.913745	ZB164066.	145.56	0.914109	0.916043	ZB172005.	152.2	0.889779	0.89027	ZB173005.	153.7	0.900587
143.27	0.906356	0.909589	ZB164066.	145.56	0.911938	0.912018	ZB172005.	152.2	0.879407	0.883392	ZB173005.	153.7	0.893632
143.27	0.902783	0.904442	ZB164066.	145.56	0.909645	0.908007	ZB172005.	152.2	0.869683	0.876187	ZB173005.	153.7	0.885796
143.27	0.898287	0.898296	ZB164066.	145.56	0.90645	0.903726	ZB172005.	152.2	0.860909	0.868578	ZB173005.	153.7	0.876791
143.27	0.892985	0.8916	ZB164066.	145.56	0.901746	0.898954	ZB172005.	152.2	0.853024	0.860631	ZB173005.	153.7	0.866806
143.27	0.887351	0.884966	ZB164066.	145.56	0.89542	0.893481	ZB172005.	152.2	0.845641	0.852618	ZB173005.	153.7	0.856511
143.27	0.881797	0.878791	ZB164066.	145.56	0.887948	0.887046	ZB172005.	152.2	0.83821	0.844866	ZB173005.	153.7	0.846723
143.27	0.876286	0.873034	ZB164066.	145.56	0.880134	0.879373	ZB172005.	152.2	0.830175	0.837483	ZB173005.	153.7	0.837924
143.27	0.870254	0.867262	ZB164066.	145.56	0.872622	0.870337	ZB172005.	152.2	0.821126	0.830134	ZB173005.	153.7	0.829885
143.27	0.862899	0.860904	ZB164066.	145.56	0.865493	0.860187	ZB172005.	152.2	0.810863	0.822104	ZB173005.	153.7	0.821733
143.27	0.853707	0.853519	ZB164066.	145.56	0.858227	0.849645	ZB172005.	152.2	0.799423	0.812617	ZB173005.	153.7	0.812414
143.27	0.842867	0.844969	ZB164066.	145.56	0.850084	0.83973	ZB172005.	152.2	0.787068	0.801266	ZB173005.	153.7	0.801294
143.27	0.831249	0.835427	ZB164066.	145.56	0.840637	0.831391	ZB172005.	152.2	0.774231	0.788292	ZB173005.	153.7	0.788503
143.27	0.819991	0.825299	ZB164066.	145.56	0.830123	0.82505	ZB172005.	152.2	0.761441	0.774546	ZB173005.	153.7	0.774875
143.27	0.80994	0.815086	ZB164066.	145.56	0.819376	0.820344	ZB172005.	152.2	0.749227	0.761131	ZB173005.	153.7	0.761538
143.27	0.801337	0.805258	ZB164066.	145.56	0.80938	0.816274	ZB172005.	152.2	0.738052	0.748976	ZB173005.	153.7	0.749482
143.27	0.793892	0.796173	ZB164066.	145.56	0.80075	0.811663	ZB172005.	152.2	0.728214	0.738521	ZB173005.	153.7	0.739255
143.27	0.787143	0.788046	ZB164066.	145.56	0.793481	0.805662	ZB172005.	152.2	0.719751	0.729632	ZB173005.	153.7	0.730914
143.27	0.780813	0.780927	ZB164066.	145.56	0.787081	0.798075	ZB172005.	152.2	0.712351	0.721725	ZB173005.	153.7	0.724129
143.27	0.774934	0.774701	ZB164066.	145.56	0.780956	0.789351	ZB172005.	152.2	0.705387	0.714081	ZB173005.	153.7	0.71833
143.27	0.769678	0.769132	ZB164066.	145.56	0.774815	0.780327	ZB172005.	152.2	0.698105	0.706175	ZB173005.	153.7	0.712862
143.27	0.765083	0.763931	ZB164066.	145.56	0.768842	0.771857	ZB172005.	152.2	0.689906	0.697891	ZB173005.	153.7	0.707147
143.27	0.76088	0.758857	ZB164066.	145.56	0.76358	0.764547	ZB172005.	152.2	0.680625	0.689522	ZB173005.	153.7	0.700864
143.27	0.756555	0.753765	ZB164066.	145.56	0.759636	0.758638	ZB172005.	152.2	0.670628	0.681567	ZB173005.	153.7	0.694061
143.27	0.751575	0.748612	ZB164066.	145.56	0.757344	0.754046	ZB172005.	152.2	0.660646	0.67442	ZB173005.	153.7	0.687105
143.27	0.745675	0.743414	ZB164066.	145.56	0.756551	0.750479	ZB172005.	152.2	0.651416	0.668136	ZB173005.	153.7	0.680437
143.27	0.739028	0.738197	ZB164066.	145.56	0.756607	0.747552	ZB172005.	152.2	0.643288	0.662377	ZB173005.	153.7	0.674258
143.27	0.732219	0.732968	ZB164066.	145.56	0.756554	0.744887	ZB172005.	152.2	0.636055	0.656554	ZB173005.	153.7	0.668319
143.27	0.726016	0.727717	ZB164066.	145.56	0.755438	0.742177	ZB172005.	152.2	0.629086	0.650072	ZB173005.	153.7	0.661983
143.27	0.721045	0.722466	ZB164066.	145.56	0.752589	0.739189	ZB172005.	152.2	0.621696	0.642573	ZB173005.	153.7	0.654541
143.27	0.717471	0.717302	ZB164066.	145.56	0.747792	0.735742	ZB172005.	152.2	0.613506	0.63406	ZB173005.	153.7	0.645622
143.27	0.714863	0.712379	ZB164066.	145.56	0.741299	0.731674	ZB172005.	152.2	0.604663	0.624909	ZB173005.	153.7	0.635464
143.27	0.712318	0.707845	ZB164066.	145.56	0.733708	0.726882	ZB172005.	152.2	0.595773	0.615744	ZB173005.	153.7	0.624862
143.27	0.708828	0.703743	ZB164066.	145.56	0.725753	0.721407	ZB172005.	152.2	0.587614	0.607239	ZB173005.	153.7	0.614827
143.27	0.703768	0.699971	ZB164066.	145.56	0.718099	0.715508	ZB172005.	152.2	0.580765	0.599874	ZB173005.	153.7	0.606128
143.27	0.697227	0.69634	ZB164066.	145.56	0.711149	0.709667	ZB172005.	152.2	0.575382	0.593763	ZB173005.	153.7	0.598954
143.27	0.690009	0.6927	ZB164066.	145.56	0.704891	0.704437							

RawTest2.33	name.34	depth.34	RawTest1. RawTest2.34	name.35	depth.35	RawTest1. RawTest2.35	name.36	depth.36	RawTest1. RawTest2.36			
0.991086	ZB173077.	154.42	1.003333	0.972888	ZB174004.	155.19	1.015822	1.065257	ZB174047.	155.61	0.994898	0.996224
0.991	ZB173077.	154.42	1.002759	0.974748	ZB174004.	155.19	1.012989	1.062959	ZB174047.	155.61	0.996456	0.997869
0.990687	ZB173077.	154.42	1.00146	0.978353	ZB174004.	155.19	1.007767	1.056706	ZB174047.	155.61	0.998374	1.000475
0.990421	ZB173077.	154.42	1.000178	0.98165	ZB174004.	155.19	1.003213	1.048122	ZB174047.	155.61	0.998526	1.001876
0.990533	ZB173077.	154.42	0.999203	0.984386	ZB174004.	155.19	0.999556	1.037521	ZB174047.	155.61	0.996957	1.001703
0.991322	ZB173077.	154.42	0.99877	0.986345	ZB174004.	155.19	0.997068	1.025649	ZB174047.	155.61	0.994136	0.999781
0.992965	ZB173077.	154.42	0.998926	0.987437	ZB174004.	155.19	0.995961	1.013531	ZB174047.	155.61	0.990884	0.996251
0.995468	ZB173077.	154.42	0.999478	0.98775	ZB174004.	155.19	0.99624	1.002207	ZB174047.	155.61	0.988195	0.991634
0.998695	ZB173077.	154.42	1.000018	0.987538	ZB174004.	155.19	0.997616	0.992559	ZB174047.	155.61	0.986958	0.986732
1.002412	ZB173077.	154.42	1.000048	0.987142	ZB174004.	155.19	0.999525	0.985145	ZB174047.	155.61	0.987692	0.982404
1.00629	ZB173077.	154.42	0.99916	0.98686	ZB174004.	155.19	1.001321	0.98014	ZB174047.	155.61	0.990348	0.979323
1.009888	ZB173077.	154.42	0.997196	0.98684	ZB174004.	155.19	1.002496	0.97732	ZB174047.	155.61	0.994257	0.977807
1.012644	ZB173077.	154.42	0.994317	0.987033	ZB174004.	155.19	1.002883	0.976096	ZB174047.	155.61	0.998276	0.977781
1.013941	ZB173077.	154.42	0.990935	0.987264	ZB174004.	155.19	1.002681	0.975587	ZB174047.	155.61	1.001138	0.978911
1.013261	ZB173077.	154.42	0.987521	0.987377	ZB174004.	155.19	1.002272	0.974833	ZB174047.	155.61	1.001906	0.980797
1.010385	ZB173077.	154.42	0.984381	0.987373	ZB174004.	155.19	1.001954	0.973041	ZB174047.	155.61	1.000354	0.9831
1.005532	ZB173077.	154.42	0.981552	0.987437	ZB174004.	155.19	1.001714	0.969855	ZB174047.	155.61	0.997071	0.985555
0.999341	ZB173077.	154.42	0.978879	0.987824	ZB174004.	155.19	1.001189	0.96548	ZB174047.	155.61	0.993201	0.987915
0.992644	ZB173077.	154.42	0.976236	0.988643	ZB174004.	155.19	0.999839	0.960588	ZB174047.	155.61	0.989909	0.989791
0.986127	ZB173077.	154.42	0.973745	0.989674	ZB174004.	155.19	0.997219	0.956053	ZB174047.	155.61	0.987859	0.99071
0.98009	ZB173077.	154.42	0.971827	0.990348	ZB174004.	155.19	0.993174	0.952667	ZB174047.	155.61	0.986985	0.990218
0.974377	ZB173077.	154.42	0.971013	0.98995	ZB174004.	155.19	0.987867	0.950885	ZB174047.	155.61	0.98662	0.988075
0.968579	ZB173077.	154.42	0.971562	0.987954	ZB174004.	155.19	0.981655	0.950712	ZB174047.	155.61	0.985865	0.984369
0.96232	ZB173077.	154.42	0.973206	0.984304	ZB174004.	155.19	0.974958	0.951719	ZB174047.	155.61	0.983949	0.979461
0.955521	ZB173077.	154.42	0.975065	0.979502	ZB174004.	155.19	0.968203	0.953222	ZB174047.	155.61	0.9804	0.973793
0.94846	ZB173077.	154.42	0.975971	0.974444	ZB174004.	155.19	0.961832	0.95454	ZB174047.	155.61	0.97507	0.967725
0.941628	ZB173077.	154.42	0.974992	0.970035	ZB174004.	155.19	0.956306	0.955232	ZB174047.	155.61	0.968153	0.961454
0.935466	ZB173077.	154.42	0.971747	0.966759	ZB174004.	155.19	0.952014	0.955198	ZB174047.	155.61	0.960227	0.955083
0.930176	ZB173077.	154.42	0.966627	0.96445	ZB174004.	155.19	0.949114	0.954592	ZB174047.	155.61	0.952214	0.948712
0.925664	ZB173077.	154.42	0.960538	0.962408	ZB174004.	155.19	0.947362	0.953584	ZB174047.	155.61	0.945134	0.942444
0.921564	ZB173077.	154.42	0.954478	0.959845	ZB174004.	155.19	0.946094	0.952125	ZB174047.	155.61	0.939684	0.936332
0.917356	ZB173077.	154.42	0.949132	0.956327	ZB174004.	155.19	0.944428	0.949849	ZB174047.	155.61	0.93582	0.930319
0.912518	ZB173077.	154.42	0.944617	0.951954	ZB174004.	155.19	0.941603	0.946252	ZB174047.	155.61	0.932742	0.924274
0.906738	ZB173077.	154.42	0.940495	0.947163	ZB174004.	155.19	0.937244	0.940979	ZB174047.	155.61	0.929332	0.918133
0.900081	ZB173077.	154.42	0.936006	0.942299	ZB174004.	155.19	0.931429	0.93406	ZB174047.	155.61	0.924766	0.912011
0.892999	ZB173077.	154.42	0.930455	0.937248	ZB174004.	155.19	0.92453	0.925947	ZB174047.	155.61	0.918959	0.906149
0.886096	ZB173077.	154.42	0.923548	0.931409	ZB174004.	155.19	0.916964	0.917272	ZB174047.	155.61	0.912479	0.900743
0.879759	ZB173077.	154.42	0.915519	0.924038	ZB174004.	155.19	0.909022	0.908579	ZB174047.	155.61	0.906025	0.895776
0.873842	ZB173077.	154.42	0.906964	0.914716	ZB174004.	155.19	0.900866	0.900126	ZB174047.	155.61	0.899872	0.890992
0.867642	ZB173077.	154.42	0.89844	0.903627	ZB174004.	155.19	0.89262	0.891898	ZB174047.	155.61	0.893671	0.886049
0.860215	ZB173077.	154.42	0.890056	0.891421	ZB174004.	155.19	0.884427	0.883743	ZB174047.	155.61	0.886699	0.880706
0.850848	ZB173077.	154.42	0.881311	0.878809	ZB174004.	155.19	0.876397	0.875521	ZB174047.	155.61	0.878398	0.874856
0.839423	ZB173077.	154.42	0.871324	0.866171	ZB174004.	155.19	0.868516	0.867142	ZB174047.	155.61	0.868754	0.868406
0.826492	ZB173077.	154.42	0.85935	0.853468	ZB174004.	155.19	0.860621	0.858523	ZB174047.	155.61	0.858325	0.86112
0.813034	ZB173077.	154.42	0.845276	0.840477	ZB174004.	155.19	0.852499	0.849557	ZB174047.	155.61	0.847892	0.852602
0.800053	ZB173077.	154.42	0.82974	0.827119	ZB174004.	155.19	0.844025	0.84017	ZB174047.	155.61	0.838059	0.842482
0.788215	ZB173077.	154.42	0.813829	0.813604	ZB174004.	155.19	0.835234	0.83039	ZB174047.	155.61	0.829012	0.830709
0.777674	ZB173077.	154.42	0.798579	0.800302	ZB174004.	155.19	0.826265	0.820364	ZB174047.	155.61	0.82057	0.817736
0.768149	ZB173077.	154.42	0.784602	0.787489	ZB174004.	155.19	0.817241	0.810338	ZB174047.	155.61	0.812396	0.80444
0.759156	ZB173077.	154.42	0.772059	0.775213	ZB174004.	155.19	0.808164	0.800582	ZB174047.	155.61	0.804243	0.791746
0.750282	ZB173077.	154.42	0.760854	0.763373	ZB174004.	155.19	0.798976	0.791296	ZB174047.	155.61	0.796072	0.780214
0.741356	ZB173077.	154.42	0.750832	0.751869	ZB174004.	155.19	0.789736	0.782561	ZB174047.	155.61	0.788015	0.769846
0.732477	ZB173077.	154.42	0.741843	0.740726	ZB174004.	155.19	0.780771	0.774372	ZB174047.	155.61	0.780222	0.760265
0.723889	ZB173077.	154.42	0.733676	0.730084	ZB174004.	155.19	0.772617	0.766711	ZB174047.	155.61	0.772721	0.751141
0.715811	ZB173077.	154.42	0.726019	0.720094	ZB174004.	155.19	0.765767	0.759592	ZB174047.	155.61	0.765273	0.742538
0.708316	ZB173077.	154.42	0.718516	0.710823	ZB174004.	155.19	0.760405	0.753059	ZB174047.	155.61	0.757564	0.734927
0.701303	ZB173077.	154.42	0.710883	0.70224	ZB174004.	155.19	0.756284	0.747143	ZB174047.	155.61	0.749273	0.728852
0.694559	ZB173077.	154.42	0.702957	0.694293	ZB174004.	155.19	0.752834	0.741828	ZB174047.	155.61	0.740333	0.724477
0.687821	ZB173077.	154.42	0.694653	0.686924	ZB174004.	155.19	0.749421	0.73702	ZB174047.	155.61	0.730999	0.721382
0.680823	ZB173077.	154.42	0.685882	0.679995	ZB174004.	155.19	0.745574	0.732553	ZB174047.	155.61	0.721773	0.718745
0.673313	ZB173077.	154.42	0.67651	0.673167	ZB174004.	155.19	0.741081	0.728226	ZB174047.	155.61	0.713218	0.715777
0.665124	ZB173077.	154.42	0.666426	0.665917	ZB174004.	155.19	0.735934	0.723831	ZB174047.	155.61	0.705758	0.712105
0.656264	ZB173077.	154.42	0.655671	0.657721	ZB174004.	155.19	0.730245	0.719181	ZB174047.	155.61	0.699547	0.707833
0.646969	ZB173077.	154.42	0.644518	0.648343	ZB174004.	155.19	0.724178	0.714116	ZB174047.	155.61	0.694454	0.70332
0.637639	ZB173077.	154.42	0.633431	0.63802	ZB174004.	155.19	0.71795	0.708513	ZB174047.	155.61	0.690133	0.698836
0.628626	ZB173077.	154.42	0.622924	0.627412	ZB174004.	155.19	0.711824	0.702347	ZB174047.	155.61	0.686127	0.694233
0.620039	ZB173077.	154.42	0.613411	0.617316	ZB174004.	155.19	0.706045	0.695741	ZB174047.	155.61	0.682019	0.689977
0.611705	ZB173077.	154.42	0.605122	0.608359	ZB174004.	155.19	0.700728	0.68897	ZB174047.	155.61	0.677542	0.685466
0.603351	ZB173077.	154.42	0.59809	0.600762	ZB174004.	155.19	0.69575	0.682414	ZB174047.	155.61	0.672656	0.680992
0.594878	ZB173077.	154.42	0.592147	0.594306	ZB174004.	155.19	0.690763	0.676447	ZB174047.	155.61	0.667538	0.676687
0.586524	ZB173077.	154.42	0.586956	0.588469	ZB174004.	155.19	0.685378	0.671276	ZB174047.	155.61	0.662492	0.672514
0.578795	ZB173077.	154.42	0.58217	0.58265	ZB174004.	155.19	0.679408	0.666818	ZB174047.	155.61	0.65781	0.668131
0.572172	ZB173077.	154.42	0.5777	0.576445	ZB174004.	155.19	0.673017	0.662718	ZB174047.	155.61	0.653604	0.662834
0.566776	ZB173077.	154.42	0.573983	0.56986	ZB174004.	155.19	0.666643	0.658491	ZB174047.	155.61	0.649736	0.655549
0.562192	ZB173077.	154.42	0.572057	0.563384	ZB174004.	155.19</						

name.37	depth.37	RawTest1.	RawTest2.37	name.38	depth.38	RawTest1.	RawTest2.38	name.39	depth.39	RawTest1.	RawTest2.39	name.40	depth.40
ZB174052.	155.67	1.017802	1.006265	ZB175005.	156.7	1.028926	1.040408	ZB175077.	157.42	1.002042	0.96807	ZB181004.	161.74
ZB174052.	155.67	1.015166	1.008404	ZB175005.	156.7	1.028486	1.037492	ZB175077.	157.42	1.002503	0.969775	ZB181004.	161.74
ZB174052.	155.67	1.01024	1.012459	ZB175005.	156.7	1.027364	1.031634	ZB175077.	157.42	1.003262	0.97324	ZB181004.	161.74
ZB174052.	155.67	1.005871	1.016022	ZB175005.	156.7	1.025827	1.02579	ZB175077.	157.42	1.00392	0.977006	ZB181004.	161.74
ZB174052.	155.67	1.002386	1.018874	ZB175005.	156.7	1.023818	1.019944	ZB175077.	157.42	1.004698	0.981098	ZB181004.	161.74
ZB174052.	155.67	1.000201	1.020682	ZB175005.	156.7	1.021363	1.014195	ZB175077.	157.42	1.005909	0.985308	ZB181004.	161.74
ZB174052.	155.67	0.999661	1.021018	ZB175005.	156.7	1.01855	1.008786	ZB175077.	157.42	1.00785	0.989208	ZB181004.	161.74
ZB174052.	155.67	1.000829	1.019456	ZB175005.	156.7	1.015454	1.004106	ZB175077.	157.42	1.010683	0.99227	ZB181004.	161.74
ZB174052.	155.67	1.003304	1.015755	ZB175005.	156.7	1.012065	1.00064	ZB175077.	157.42	1.014316	0.994048	ZB181004.	161.74
ZB174052.	155.67	1.006165	1.010045	ZB175005.	156.7	1.008262	0.998851	ZB175077.	157.42	1.018331	0.994386	ZB181004.	161.74
ZB174052.	155.67	1.00817	1.002949	ZB175005.	156.7	1.003904	0.998977	ZB175077.	157.42	1.021994	0.993547	ZB181004.	161.74
ZB174052.	155.67	1.008121	0.995522	ZB175005.	156.7	0.998983	1.000816	ZB175077.	157.42	1.024369	0.992214	ZB181004.	161.74
ZB174052.	155.67	1.005331	0.988974	ZB175005.	156.7	0.993752	1.00357	ZB175077.	157.42	1.024541	0.991346	ZB181004.	161.74
ZB174052.	155.67	0.999984	0.984283	ZB175005.	156.7	0.988737	1.005943	ZB175077.	157.42	1.021929	0.991892	ZB181004.	161.74
ZB174052.	155.67	0.993184	0.981793	ZB175005.	156.7	0.984573	1.006534	ZB175077.	157.42	1.016596	0.994451	ZB181004.	161.74
ZB174052.	155.67	0.986607	0.981103	ZB175005.	156.7	0.981755	1.004383	ZB175077.	157.42	1.009421	0.998975	ZB181004.	161.74
ZB174052.	155.67	0.981946	0.98125	ZB175005.	156.7	0.980387	0.999414	ZB175077.	157.42	1.001988	1.004607	ZB181004.	161.74
ZB174052.	155.67	0.980316	0.981151	ZB175005.	156.7	0.980094	0.992502	ZB175077.	157.42	0.996083	1.009787	ZB181004.	161.74
ZB174052.	155.67	0.981871	0.980078	ZB175005.	156.7	0.980164	0.985061	ZB175077.	157.42	0.992989	1.012664	ZB181004.	161.74
ZB174052.	155.67	0.985889	0.977902	ZB175005.	156.7	0.979905	0.978361	ZB175077.	157.42	0.9929	1.011738	ZB181004.	161.74
ZB174052.	155.67	0.991054	0.975005	ZB175005.	156.7	0.978935	0.973008	ZB175077.	157.42	0.994823	1.006429	ZB181004.	161.74
ZB174052.	155.67	0.995919	0.971982	ZB175005.	156.7	0.977368	0.968831	ZB175077.	157.42	0.997053	0.997316	ZB181004.	161.74
ZB174052.	155.67	0.999274	0.96937	ZB175005.	156.7	0.975657	0.965204	ZB175077.	157.42	0.99795	0.985885	ZB181004.	161.74
ZB174052.	155.67	1.000339	0.967567	ZB175005.	156.7	0.974253	0.961555	ZB175077.	157.42	0.996603	0.973961	ZB181004.	161.74
ZB174052.	155.67	0.998819	0.966893	ZB175005.	156.7	0.973289	0.957672	ZB175077.	157.42	0.992813	0.963033	ZB181004.	161.74
ZB174052.	155.67	0.994845	0.967602	ZB175005.	156.7	0.97248	0.953686	ZB175077.	157.42	0.986817	0.953879	ZB181004.	161.74
ZB174052.	155.67	0.988896	0.969733	ZB175005.	156.7	0.971292	0.949801	ZB175077.	157.42	0.978771	0.946517	ZB181004.	161.74
ZB174052.	155.67	0.981656	0.97283	ZB175005.	156.7	0.969211	0.94603	ZB175077.	157.42	0.968645	0.940492	ZB181004.	161.74
ZB174052.	155.67	0.973863	0.975819	ZB175005.	156.7	0.96595	0.942149	ZB175077.	157.42	0.956556	0.935194	ZB181004.	161.74
ZB174052.	155.67	0.966129	0.977228	ZB175005.	156.7	0.961474	0.937904	ZB175077.	157.42	0.943204	0.930067	ZB181004.	161.74
ZB174052.	155.67	0.958799	0.975801	ZB175005.	156.7	0.955929	0.933256	ZB175077.	157.42	0.929978	0.924713	ZB181004.	161.74
ZB174052.	155.67	0.951884	0.971125	ZB175005.	156.7	0.949563	0.928466	ZB175077.	157.42	0.918547	0.918921	ZB181004.	161.74
ZB174052.	155.67	0.945155	0.963899	ZB175005.	156.7	0.942666	0.923391	ZB175077.	157.42	0.910092	0.912713	ZB181004.	161.74
ZB174052.	155.67	0.938352	0.955587	ZB175005.	156.7	0.935504	0.919903	ZB175077.	157.42	0.904722	0.906349	ZB181004.	161.74
ZB174052.	155.67	0.931401	0.947676	ZB175005.	156.7	0.928205	0.916275	ZB175077.	157.42	0.901423	0.900236	ZB181004.	161.74
ZB174052.	155.67	0.92451	0.940984	ZB175005.	156.7	0.920622	0.912544	ZB175077.	157.42	0.898598	0.894754	ZB181004.	161.74
ZB174052.	155.67	0.918071	0.935386	ZB175005.	156.7	0.912301	0.90801	ZB175077.	157.42	0.894843	0.890066	ZB181004.	161.74
ZB174052.	155.67	0.91243	0.930116	ZB175005.	156.7	0.902666	0.902082	ZB175077.	157.42	0.889454	0.885993	ZB181004.	161.74
ZB174052.	155.67	0.907659	0.924378	ZB175005.	156.7	0.89131	0.894489	ZB175077.	157.42	0.882495	0.882015	ZB181004.	161.74
ZB174052.	155.67	0.903466	0.917833	ZB175005.	156.7	0.87825	0.885298	ZB175077.	157.42	0.874478	0.877416	ZB181004.	161.74
ZB174052.	155.67	0.899305	0.910719	ZB175005.	156.7	0.863956	0.874774	ZB175077.	157.42	0.865912	0.871452	ZB181004.	161.74
ZB174052.	155.67	0.894603	0.903585	ZB175005.	156.7	0.849114	0.863166	ZB175077.	157.42	0.857001	0.863547	ZB181004.	161.74
ZB174052.	155.67	0.888999	0.896884	ZB175005.	156.7	0.83429	0.850623	ZB175077.	157.42	0.847592	0.853463	ZB181004.	161.74
ZB174052.	155.67	0.88242	0.890706	ZB175005.	156.7	0.819747	0.837264	ZB175077.	157.42	0.837273	0.841423	ZB181004.	161.74
ZB174052.	155.67	0.875008	0.884793	ZB175005.	156.7	0.80552	0.823345	ZB175077.	157.42	0.825636	0.828053	ZB181004.	161.74
ZB174052.	155.67	0.866989	0.878745	ZB175005.	156.7	0.791604	0.809345	ZB175077.	157.42	0.81255	0.814445	ZB181004.	161.74
ZB174052.	155.67	0.858589	0.872226	ZB175005.	156.7	0.77807	0.795844	ZB175077.	157.42	0.798345	0.80034	ZB181004.	161.74
ZB174052.	155.67	0.850021	0.865047	ZB175005.	156.7	0.76502	0.783276	ZB175077.	157.42	0.783744	0.786919	ZB181004.	161.74
ZB174052.	155.67	0.841496	0.857145	ZB175005.	156.7	0.752466	0.771675	ZB175077.	157.42	0.769551	0.773837	ZB181004.	161.74
ZB174052.	155.67	0.833189	0.848539	ZB175005.	156.7	0.740278	0.760661	ZB175077.	157.42	0.756298	0.760941	ZB181004.	161.74
ZB174052.	155.67	0.825165	0.839358	ZB175005.	156.7	0.728262	0.749677	ZB175077.	157.42	0.744039	0.748199	ZB181004.	161.74
ZB174052.	155.67	0.817323	0.829871	ZB175005.	156.7	0.716298	0.738312	ZB175077.	157.42	0.732427	0.735747	ZB181004.	161.74
ZB174052.	155.67	0.809465	0.8205	ZB175005.	156.7	0.70439	0.726475	ZB175077.	157.42	0.721019	0.723759	ZB181004.	161.74
ZB174052.	155.67	0.801452	0.811695	ZB175005.	156.7	0.692615	0.714353	ZB175077.	157.42	0.709589	0.712301	ZB181004.	161.74
ZB174052.	155.67	0.793355	0.803782	ZB175005.	156.7	0.681039	0.70223	ZB175077.	157.42	0.698255	0.701315	ZB181004.	161.74
ZB174052.	155.67	0.785475	0.796834	ZB175005.	156.7	0.669694	0.690329	ZB175077.	157.42	0.68737	0.690767	ZB181004.	161.74
ZB174052.	155.67	0.778229	0.790686	ZB175005.	156.7	0.658662	0.678798	ZB175077.	157.42	0.677263	0.680767	ZB181004.	161.74
ZB174052.	155.67	0.771923	0.785078	ZB175005.	156.7	0.648153	0.667775	ZB175077.	157.42	0.668031	0.671524	ZB181004.	161.74
ZB174052.	155.67	0.766549	0.77984	ZB175005.	156.7	0.638425	0.657399	ZB175077.	157.42	0.659492	0.663139	ZB181004.	161.74
ZB174052.	155.67	0.76176	0.774986	ZB175005.	156.7	0.629577	0.647706	ZB175077.	157.42	0.651305	0.655422	ZB181004.	161.74
ZB174052.	155.67	0.757001	0.770622	ZB175005.	156.7	0.621379	0.638543	ZB175077.	157.42	0.643123	0.647911	ZB181004.	161.74
ZB174052.	155.67	0.751742	0.76675	ZB175005.	156.7	0.613311	0.629589	ZB175077.	157.42	0.634673	0.640099	ZB181004.	161.74
ZB174052.	155.67	0.745661	0.763093	ZB175005.	156.7	0.604833	0.620561	ZB175077.	157.42	0.625578	0.631706	ZB181004.	161.74
ZB174052.	155.67	0.738689	0.759096	ZB175005.	156.7	0.595734	0.611436	ZB175077.	157.42	0.616367	0.622818	ZB181004.	161.74
ZB174052.	155.67	0.730947	0.75415	ZB175005.	156.7	0.586269	0.602528	ZB175077.	157.42	0.606457	0.613769	ZB181004.	161.74
ZB174052.	155.67	0.722679	0.747892	ZB175005.	156.7	0.576995	0.594293	ZB175077.	157.42	0.596192	0.604883	ZB181004.	161.74
ZB174052.	155.67	0.714228	0.740415	ZB175005.	156.7	0.568393	0.586964	ZB175077.	157.42	0.585795	0.596299	ZB181004.	161.74
ZB174052.	155.67	0.70604	0.732249	ZB175005.	156.7	0.560537	0.580271	ZB175077.	157.42	0.575491	0.587958	ZB181004.	161.74
ZB174052.	155.67	0.698596	0.724124	ZB175005.	156.7	0.553076	0.573517	ZB175077.	157.42	0.565468	0.579752	ZB181004.	161.74
ZB174052.	155.67	0.692258	0.716674	ZB175005.	156.7	0.545556	0.566038	ZB175077.	157.42	0.555938	0.571691	ZB181004.	161.74
ZB174052.	155.67	0.687119	0.710235	ZB175005.	156.7	0.537803							

RawTest1. RawTest2.40	name.41	depth.41	RawTest1. RawTest2.41	name.42	depth.42	RawTest1. RawTest2.42	name.43	depth.43	RawTest1. RawTest2.43
0.995973 1.019404	ZB181028.	161.98	0.97457 1.020305	ZB181052.	162.22	1.034104 1.044682	ZB181076.	162.46	1.047396 0.981101
0.996694 1.018622	ZB181028.	161.98	0.979137 1.020252	ZB181052.	162.22	1.032923 1.042518	ZB181076.	162.46	1.043442 0.980535
0.998312 1.016144	ZB181028.	161.98	0.987431 1.020367	ZB181052.	162.22	1.030448 1.038777	ZB181076.	162.46	1.037003 0.979812
1.000373 1.012343	ZB181028.	161.98	0.994193 1.020503	ZB181052.	162.22	1.027744 1.035512	ZB181076.	162.46	1.032354 0.979703
1.003112 1.007327	ZB181028.	161.98	0.99875 1.020252	ZB181052.	162.22	1.024765 1.032459	ZB181076.	162.46	1.029221 0.980262
1.006687 1.001495	ZB181028.	161.98	1.000605 1.019206	ZB181052.	162.22	1.021475 1.029306	ZB181076.	162.46	1.027106 0.981523
1.011077 0.995486	ZB181028.	161.98	0.999679 1.017064	ZB181052.	162.22	1.017805 1.02581	ZB181076.	162.46	1.025403 0.98348
1.01601 0.990005	ZB181028.	161.98	0.996476 1.013694	ZB181052.	162.22	1.01363 1.02184	ZB181076.	162.46	1.023571 0.986035
1.020902 0.985634	ZB181028.	161.98	0.992076 1.009169	ZB181052.	162.22	1.008798 1.017373	ZB181076.	162.46	1.021297 0.988935
1.024882 0.982626	ZB181028.	161.98	0.987866 1.003735	ZB181052.	162.22	1.003238 1.012479	ZB181076.	162.46	1.018591 0.991804
1.026925 0.980827	ZB181028.	161.98	0.98517 0.997779	ZB181052.	162.22	0.997115 1.007302	ZB181076.	162.46	1.015775 0.99424
1.026098 0.979749	ZB181028.	161.98	0.984798 0.991788	ZB181052.	162.22	0.990963 1.00209	ZB181076.	162.46	1.013308 0.995958
1.021874 0.978771	ZB181028.	161.98	0.986804 0.986271	ZB181052.	162.22	0.985652 0.997208	ZB181076.	162.46	1.011553 0.996874
1.014416 0.977396	ZB181028.	161.98	0.990479 0.9817	ZB181052.	162.22	0.982183 0.993114	ZB181076.	162.46	1.010566 0.997018
1.004673 0.975419	ZB181028.	161.98	0.99459 0.978426	ZB181052.	162.22	0.981253 0.990182	ZB181076.	162.46	1.01006 0.996343
0.994194 0.972954	ZB181028.	161.98	0.997782 0.976605	ZB181052.	162.22	0.982856 0.98846	ZB181076.	162.46	1.009545 0.994574
0.984665 0.970327	ZB181028.	161.98	0.998926 0.976167	ZB181052.	162.22	0.986121 0.98754	ZB181076.	162.46	1.008543 0.991285
0.97737 0.967904	ZB181028.	161.98	0.997399 0.976831	ZB181052.	162.22	0.989506 0.98669	ZB181076.	162.46	1.006709 0.986197
0.972764 0.965918	ZB181028.	161.98	0.993227 0.978157	ZB181052.	162.22	0.99132 0.985222	ZB181076.	162.46	1.003824 0.979552
0.970478 0.964367	ZB181028.	161.98	0.987039 0.979627	ZB181052.	162.22	0.990351 0.982916	ZB181076.	162.46	0.999735 0.972262
0.969691 0.963037	ZB181028.	161.98	0.979898 0.98071	ZB181052.	162.22	0.986277 0.980133	ZB181076.	162.46	0.994384 0.96569
0.969611 0.961635	ZB181028.	161.98	0.973021 0.980906	ZB181052.	162.22	0.979719 0.977534	ZB181076.	162.46	0.987954 0.961137
0.969739 0.95995	ZB181028.	161.98	0.967429 0.979761	ZB181052.	162.22	0.971936 0.975556	ZB181076.	162.46	0.98096 0.959237
0.969773 0.957954	ZB181028.	161.98	0.963646 0.976907	ZB181052.	162.22	0.964304 0.973992	ZB181076.	162.46	0.974156 0.959643
0.969353 0.955796	ZB181028.	161.98	0.961566 0.972103	ZB181052.	162.22	0.957921 0.972035	ZB181076.	162.46	0.968214 0.961118
0.967942 0.953734	ZB181028.	161.98	0.960541 0.965276	ZB181052.	162.22	0.953338 0.968695	ZB181076.	162.46	0.963317 0.961987
0.964965 0.951988	ZB181028.	161.98	0.959621 0.956576	ZB181052.	162.22	0.950523 0.96337	ZB181076.	162.46	0.958954 0.960851
0.960136 0.950574	ZB181028.	161.98	0.957799 0.94642	ZB181052.	162.22	0.948933 0.956149	ZB181076.	162.46	0.954172 0.956972
0.953676 0.949185	ZB181028.	161.98	0.954179 0.9355	ZB181052.	162.22	0.947676 0.947686	ZB181076.	162.46	0.948107 0.950573
0.946214 0.9472	ZB181028.	161.98	0.948073 0.924695	ZB181052.	162.22	0.945762 0.938771	ZB181076.	162.46	0.940522 0.942607
0.938381 0.943789	ZB181028.	161.98	0.939149 0.914898	ZB181052.	162.22	0.942325 0.929945	ZB181076.	162.46	0.932019 0.934342
0.930414 0.938181	ZB181028.	161.98	0.927612 0.906799	ZB181052.	162.22	0.936798 0.921354	ZB181076.	162.46	0.923784 0.926831
0.922066 0.929991	ZB181028.	161.98	0.914277 0.900651	ZB181052.	162.22	0.92896 0.912879	ZB181076.	162.46	0.917064 0.920598
0.912911 0.919483	ZB181028.	161.98	0.900414 0.896149	ZB181052.	162.22	0.918897 0.904338	ZB181076.	162.46	0.912582 0.915566
0.902769 0.907616	ZB181028.	161.98	0.88734 0.892489	ZB181052.	162.22	0.906916 0.895581	ZB181076.	162.46	0.910264 0.911228
0.891934 0.895769	ZB181028.	161.98	0.875934 0.886609	ZB181052.	162.22	0.893457 0.886445	ZB181076.	162.46	0.909254 0.90694
0.881038 0.885269	ZB181028.	161.98	0.866403 0.883474	ZB181052.	162.22	0.879017 0.876699	ZB181076.	162.46	0.908167 0.90211
0.870685 0.876835	ZB181028.	161.98	0.858382 0.876408	ZB181052.	162.22	0.864045 0.866097	ZB181076.	162.46	0.905402 0.896255
0.861122 0.870276	ZB181028.	161.98	0.851266 0.867254	ZB181052.	162.22	0.848828 0.854526	ZB181076.	162.46	0.899462 0.888983
0.852094 0.864544	ZB181028.	161.98	0.844485 0.856402	ZB181052.	162.22	0.833411 0.842096	ZB181076.	162.46	0.889296 0.879979
0.842977 0.85816	ZB181028.	161.98	0.837584 0.844626	ZB181052.	162.22	0.817634 0.829091	ZB181076.	162.46	0.87459 0.86023
0.83303 0.849783	ZB181028.	161.98	0.830127 0.83279	ZB181052.	162.22	0.801314 0.815775	ZB181076.	162.46	0.855898 0.856032
0.821661 0.838646	ZB181028.	161.98	0.821618 0.821508	ZB181052.	162.22	0.784461 0.802191	ZB181076.	162.46	0.834536 0.841096
0.808588 0.824678	ZB181028.	161.98	0.811576 0.810935	ZB181052.	162.22	0.767377 0.788072	ZB181076.	162.46	0.812244 0.824492
0.793901 0.808358	ZB181028.	161.98	0.799752 0.800743	ZB181052.	162.22	0.750602 0.772997	ZB181076.	162.46	0.790724 0.806669
0.778026 0.790468	ZB181028.	161.98	0.786312 0.790326	ZB181052.	162.22	0.73474 0.756714	ZB181076.	162.46	0.771235 0.788238
0.761561 0.771891	ZB181028.	161.98	0.771855 0.779101	ZB181052.	162.22	0.720276 0.739444	ZB181076.	162.46	0.75436 0.769926
0.745105 0.753499	ZB181028.	161.98	0.757209 0.766834	ZB181052.	162.22	0.707482 0.72198	ZB181076.	162.46	0.740057 0.752487
0.729125 0.736111	ZB181028.	161.98	0.743156 0.753765	ZB181052.	162.22	0.696406 0.70548	ZB181076.	162.46	0.72788 0.736575
0.71391 0.720428	ZB181028.	161.98	0.730242 0.740522	ZB181052.	162.22	0.686864 0.691012	ZB181076.	162.46	0.717195 0.72262
0.699608 0.706891	ZB181028.	161.98	0.718757 0.727828	ZB181052.	162.22	0.678421 0.679134	ZB181076.	162.46	0.707294 0.710733
0.686292 0.695491	ZB181028.	161.98	0.708807 0.716132	ZB181052.	162.22	0.670396 0.669707	ZB181076.	162.46	0.697453 0.700662
0.674061 0.685689	ZB181028.	161.98	0.700372 0.705242	ZB181052.	162.22	0.662024 0.661991	ZB181076.	162.46	0.687012 0.691812
0.663072 0.676569	ZB181028.	161.98	0.693316 0.694206	ZB181052.	162.22	0.652763 0.654965	ZB181076.	162.46	0.675516 0.68335
0.653466 0.667157	ZB181028.	161.98	0.68735 0.681509	ZB181052.	162.22	0.642532 0.6477	ZB181076.	162.46	0.662912 0.674416
0.645236 0.656783	ZB181028.	161.98	0.682029 0.665586	ZB181052.	162.22	0.63172 0.639605	ZB181076.	162.46	0.649652 0.664394
0.638116 0.645306	ZB181028.	161.98	0.67679 0.645458	ZB181052.	162.22	0.620938 0.630546	ZB181076.	162.46	0.636548 0.653142
0.631604 0.633309	ZB181028.	161.98	0.67104 0.621204	ZB181052.	162.22	0.610698 0.620798	ZB181076.	162.46	0.624471 0.641058
0.625089 0.620769	ZB181028.	161.98	0.664263 0.593985	ZB181052.	162.22	0.601236 0.610893	ZB181076.	162.46	0.614017 0.628929
0.618008 0.608965	ZB181028.	161.98	0.656153 0.565592	ZB181052.	162.22	0.5926 0.601393	ZB181076.	162.46	0.605354 0.617599
0.609959 0.598136	ZB181028.	161.98	0.646728 0.537701	ZB181052.	162.22	0.58481 0.592693	ZB181076.	162.46	0.598284 0.607626
0.600719 0.588524	ZB181028.	161.98	0.636386 0.511199	ZB181052.	162.22	0.577925 0.584841	ZB181076.	162.46	0.592417 0.599102
0.590202 0.580206	ZB181028.	161.98	0.625846 0.485989	ZB181052.	162.22	0.571915 0.577473	ZB181076.	162.46	0.587314 0.591749
0.578411 0.573129	ZB181028.	161.98	0.615949 0.461255	ZB181052.	162.22	0.566462 0.569913	ZB181076.	162.46	0.582541 0.585146
0.565509 0.567115	ZB181028.	161.98	0.607472 0.436007	ZB181052.	162.22	0.560912 0.561404	ZB181076.	162.46	0.57765 0.578944
0.551963 0.561861	ZB181028.	161.98	0.600942 0.409555	ZB181052.	162.22	0.554536 0.551453	ZB181076.	162.46	0.572192 0.572941
0.538625 0.556987	ZB181028.	161.98	0.596545 0.381687	ZB181052.	162.22	0.549612 0.540076	ZB181076.	162.46	0.565824 0.567033
0.526619 0.552117	ZB181028.	161.98	0.594074 0.352544	ZB181052.	162.22	0.538179 0.527809	ZB181076.	162.46	0.558477 0.561141
0.516969 0.54695	ZB181028.	161.98	0.592956 0.322408	ZB181052.	162.22	0.528953 0.515529	ZB181076.	162.46	0.550447 0.555193
0.510133 0.541279	ZB181028.	161.98	0.592327 0.29154	ZB181052.	162.22	0.519896 0.504104	ZB181076.	162.46	0.542226 0.549149
0.505685 0.534954	ZB181028.	161.98	0.591243 0.2602	ZB181052.	162.22	0.511224 0.49406	ZB181076.	162.46	0.534376 0.543053
0.502454 0.527872	ZB181028.	161.98	0.589009 0.228772	ZB181052.	162.22	0.502526 0.485358	ZB181076.	162.46	0.526918 0.53709
0.499079 0.520026	ZB181028.	161.98	0.585556 0.197882	ZB181052.	162.22	0.493405 0.477407	ZB181076.	162.46	0.519565 0.531615
0.494722 0.511629	ZB181028.	161.98	0.581727 0.168439	ZB181052.	162.22	0.482259 0.469268	ZB181076.	162.46	0.511679 0.527153
0.489595 0.503196	ZB181028.	161.98	0.579255 0.141508	ZB181052.	162.22	0.470404 0.459987	ZB181076.	162.46	0.50258 0.524351
0.48497 0.495509	ZB181028.	161.98	0.580378 0.118079	ZB181052.	162.22	0.458605 0.448913	ZB181076.	162.46	0.491817 0.

43	name.44	depth.44	RawTest1.	RawTest2.44	name.45	depth.45	RawTest1.	RawTest2.45	name.46	depth.46	RawTest1.	RawTest2.46	name.47
	ZB181100.	162.7	0.963004	0.969036	ZB181124.	162.94	1.035049	1.012459	ZB181136.	163.06	1.02462	0.996727	ZB182028.
	ZB181100.	162.7	0.963535	0.971703	ZB181124.	162.94	1.03717	1.012882	ZB181136.	163.06	1.024746	0.993888	ZB182028.
	ZB181100.	162.7	0.965509	0.976958	ZB181124.	162.94	1.041013	1.013785	ZB181136.	163.06	1.02469	0.988686	ZB182028.
	ZB181100.	162.7	0.968912	0.982017	ZB181124.	162.94	1.044043	1.014553	ZB181136.	163.06	1.024177	0.983805	ZB182028.
	ZB181100.	162.7	0.973804	0.986601	ZB181124.	162.94	1.045817	1.014891	ZB181136.	163.06	1.023237	0.979107	ZB182028.
	ZB181100.	162.7	0.979892	0.990468	ZB181124.	162.94	1.045974	1.014617	ZB181136.	163.06	1.022053	0.974646	ZB182028.
	ZB181100.	162.7	0.986541	0.993467	ZB181124.	162.94	1.044419	1.013722	ZB181136.	163.06	1.02096	0.970716	ZB182028.
	ZB181100.	162.7	0.992904	0.995536	ZB181124.	162.94	1.041431	1.012427	ZB181136.	163.06	1.020375	0.967814	ZB182028.
	ZB181100.	162.7	0.998152	0.996658	ZB181124.	162.94	1.03764	1.01107	ZB181136.	163.06	1.020624	0.966511	ZB182028.
	ZB181100.	162.7	1.001709	0.996801	ZB181124.	162.94	1.033812	1.009958	ZB181136.	163.06	1.021779	0.967254	ZB182028.
	ZB181100.	162.7	1.003389	0.995918	ZB181124.	162.94	1.030559	1.009222	ZB181136.	163.06	1.023573	0.970178	ZB182028.
	ZB181100.	162.7	1.003368	0.994048	ZB181124.	162.94	1.028076	1.008766	ZB181136.	163.06	1.025456	0.975	ZB182028.
	ZB181100.	162.7	1.002033	0.99145	ZB181124.	162.94	1.026082	1.008308	ZB181136.	163.06	1.026804	0.980993	ZB182028.
	ZB181100.	162.7	0.999763	0.988649	ZB181124.	162.94	1.023972	1.007495	ZB181136.	163.06	1.027075	0.98712	ZB182028.
	ZB181100.	162.7	0.996757	0.986296	ZB181124.	162.94	1.021131	1.006041	ZB181136.	163.06	1.025877	0.992293	ZB182028.
	ZB181100.	162.7	0.993026	0.984895	ZB181124.	162.94	1.017241	1.003803	ZB181136.	163.06	1.022904	0.995646	ZB182028.
	ZB181100.	162.7	0.988542	0.984508	ZB181124.	162.94	1.012437	1.000808	ZB181136.	163.06	1.017925	0.996731	ZB182028.
	ZB181100.	162.7	0.983469	0.984621	ZB181124.	162.94	1.007225	0.997223	ZB181136.	163.06	1.01091	0.995588	ZB182028.
	ZB181100.	162.7	0.978296	0.984338	ZB181124.	162.94	1.002232	0.993298	ZB181136.	163.06	1.002265	0.992655	ZB182028.
	ZB181100.	162.7	0.973701	0.982779	ZB181124.	162.94	0.99795	0.9893	ZB181136.	163.06	0.99296	0.988554	ZB182028.
	ZB181100.	162.7	0.970231	0.979541	ZB181124.	162.94	0.994607	0.985447	ZB181136.	163.06	0.984429	0.983895	ZB182028.
	ZB181100.	162.7	0.967936	0.974956	ZB181124.	162.94	0.992185	0.981855	ZB181136.	163.06	0.978093	0.979157	ZB182028.
	ZB181100.	162.7	0.966221	0.969991	ZB181124.	162.94	0.990509	0.978538	ZB181136.	163.06	0.974846	0.9747	ZB182028.
	ZB181100.	162.7	0.964048	0.965815	ZB181124.	162.94	0.989297	0.975439	ZB181136.	163.06	0.974642	0.970852	ZB182028.
	ZB181100.	162.7	0.960424	0.963256	ZB181124.	162.94	0.988149	0.97245	ZB181136.	163.06	0.976547	0.96794	ZB182028.
	ZB181100.	162.7	0.954939	0.962358	ZB181124.	162.94	0.98655	0.969408	ZB181136.	163.06	0.979168	0.966194	ZB182028.
	ZB181100.	162.7	0.947991	0.96225	ZB181124.	162.94	0.983961	0.966072	ZB181136.	163.06	0.981182	0.965518	ZB182028.
	ZB181100.	162.7	0.940532	0.961407	ZB181124.	162.94	0.980024	0.962177	ZB181136.	163.06	0.981691	0.965346	ZB182028.
	ZB181100.	162.7	0.933501	0.958199	ZB181124.	162.94	0.974737	0.957588	ZB181136.	163.06	0.980255	0.964761	ZB182028.
	ZB181100.	162.7	0.927329	0.951536	ZB181124.	162.94	0.968481	0.952477	ZB181136.	163.06	0.976774	0.962842	ZB182028.
	ZB181100.	162.7	0.921811	0.941326	ZB181124.	162.94	0.961855	0.947316	ZB181136.	163.06	0.971352	0.959096	ZB182028.
	ZB181100.	162.7	0.916395	0.928545	ZB181124.	162.94	0.955377	0.942652	ZB181136.	163.06	0.964232	0.953702	ZB182028.
	ZB181100.	162.7	0.9106	0.914875	ZB181124.	162.94	0.949227	0.938783	ZB181136.	163.06	0.9558	0.94741	ZB182028.
	ZB181100.	162.7	0.904269	0.902033	ZB181124.	162.94	0.943177	0.935546	ZB181136.	163.06	0.946553	0.941183	ZB182028.
	ZB181100.	162.7	0.897529	0.891071	ZB181124.	162.94	0.936756	0.932355	ZB181136.	163.06	0.936978	0.935785	ZB182028.
	ZB181100.	162.7	0.890506	0.881996	ZB181124.	162.94	0.929502	0.928456	ZB181136.	163.06	0.927421	0.931505	ZB182028.
	ZB181100.	162.7	0.883055	0.873898	ZB181124.	162.94	0.921211	0.923243	ZB181136.	163.06	0.918016	0.9281	ZB182028.
	ZB181100.	162.7	0.874679	0.86548	ZB181124.	162.94	0.912037	0.916453	ZB181136.	163.06	0.908729	0.924945	ZB182028.
	ZB181100.	162.7	0.864714	0.855728	ZB181124.	162.94	0.902445	0.908124	ZB181136.	163.06	0.899507	0.921253	ZB182028.
	ZB181100.	162.7	0.852639	0.844353	ZB181124.	162.94	0.892991	0.898367	ZB181136.	163.06	0.890394	0.916204	ZB182028.
	ZB181100.	162.7	0.838371	0.831758	ZB181124.	162.94	0.884032	0.887157	ZB181136.	163.06	0.881504	0.90905	ZB182028.
	ZB181100.	162.7	0.822362	0.818635	ZB181124.	162.94	0.875504	0.874311	ZB181136.	163.06	0.872856	0.899227	ZB182028.
	ZB181100.	162.7	0.805449	0.80548	ZB181124.	162.94	0.866866	0.859643	ZB181136.	163.06	0.864225	0.886517	ZB182028.
	ZB181100.	162.7	0.788533	0.792332	ZB181124.	162.94	0.857275	0.843193	ZB181136.	163.06	0.855186	0.871238	ZB182028.
	ZB181100.	162.7	0.77225	0.778833	ZB181124.	162.94	0.845965	0.82539	ZB181136.	163.06	0.845344	0.854263	ZB182028.
	ZB181100.	162.7	0.756784	0.764518	ZB181124.	162.94	0.832637	0.807037	ZB181136.	163.06	0.834615	0.836822	ZB182028.
	ZB181100.	162.7	0.741924	0.749146	ZB181124.	162.94	0.817619	0.78913	ZB181136.	163.06	0.823288	0.820146	ZB182028.
	ZB181100.	162.7	0.727319	0.732923	ZB181124.	162.94	0.801732	0.772586	ZB181136.	163.06	0.811779	0.805145	ZB182028.
	ZB181100.	162.7	0.712831	0.716493	ZB181124.	162.94	0.785906	0.757968	ZB181136.	163.06	0.80028	0.792196	ZB182028.
	ZB181100.	162.7	0.698699	0.700734	ZB181124.	162.94	0.770787	0.745323	ZB181136.	163.06	0.788567	0.781099	ZB182028.
	ZB181100.	162.7	0.685416	0.686498	ZB181124.	162.94	0.756529	0.734184	ZB181136.	163.06	0.776116	0.77119	ZB182028.
	ZB181100.	162.7	0.673373	0.674369	ZB181124.	162.94	0.742867	0.72377	ZB181136.	163.06	0.762478	0.761596	ZB182028.
	ZB181100.	162.7	0.662548	0.664523	ZB181124.	162.94	0.72937	0.713318	ZB181136.	163.06	0.747672	0.751544	ZB182028.
	ZB181100.	162.7	0.652482	0.656707	ZB181124.	162.94	0.715731	0.702374	ZB181136.	163.06	0.732328	0.740623	ZB182028.
	ZB181100.	162.7	0.642598	0.650318	ZB181124.	162.94	0.70198	0.690929	ZB181136.	163.06	0.717476	0.72886	ZB182028.
	ZB181100.	162.7	0.632646	0.644548	ZB181124.	162.94	0.688531	0.679346	ZB181136.	163.06	0.704083	0.716599	ZB182028.
	ZB181100.	162.7	0.622937	0.638598	ZB181124.	162.94	0.676034	0.668193	ZB181136.	163.06	0.692613	0.704258	ZB182028.
	ZB181100.	162.7	0.614172	0.631855	ZB181124.	162.94	0.665105	0.658006	ZB181136.	163.06	0.682815	0.692108	ZB182028.
	ZB181100.	162.7	0.606958	0.624015	ZB181124.	162.94	0.656025	0.649035	ZB181136.	163.06	0.673865	0.680183	ZB182028.
	ZB181100.	162.7	0.60136	0.615103	ZB181124.	162.94	0.648558	0.641068	ZB181136.	163.06	0.66477	0.668354	ZB182028.
	ZB181100.	162.7	0.596744	0.605407	ZB181124.	162.94	0.641969	0.633449	ZB181136.	163.06	0.654792	0.656489	ZB182028.
	ZB181100.	162.7	0.592079	0.595354	ZB181124.	162.94	0.635342	0.625383	ZB181136.	163.06	0.643777	0.644591	ZB182028.
	ZB181100.	162.7	0.586435	0.585415	ZB181124.	162.94	0.628001	0.61638	ZB181136.	163.06	0.632236	0.632805	ZB182028.
	ZB181100.	162.7	0.579442	0.576038	ZB181124.	162.94	0.619827	0.606562	ZB181136.	163.06	0.621151	0.621327	ZB182028.
	ZB181100.	162.7	0.571422	0.567576	ZB181124.	162.94	0.611262	0.596667	ZB181136.	163.06	0.611542	0.610286	ZB182028.
	ZB181100.	162.7	0.56319	0.560221	ZB181124.	162.94	0.603025	0.587682	ZB181136.	163.06	0.603957	0.599751	ZB182028.
	ZB181100.	162.7	0.555606	0.554004	ZB181124.	162.94	0.59569	0.580313	ZB181136.	163.06	0.598174	0.589816	ZB182028.
	ZB181100.	162.7	0.549171	0.548837	ZB181124.	162.94	0.589412	0.574598	ZB181136.	163.06	0.593268	0.580662	ZB182028.
	ZB181100.	162.7	0.543825	0.544563	ZB181124.	162.94	0.58394	0.569897	ZB181136.	163.06	0.588027	0.57247	ZB182028.
	ZB181100.	162.7	0.538959	0.54097	ZB181124.	162.94	0.578836	0.565248	ZB181136.	163.06	0.581409	0.565213	ZB182028.
	ZB181100.	162.7	0.533653	0.537785	ZB181124.	162.94	0.573694	0.559872	ZB181136.	163.06	0.572871	0.558496	ZB182028.
	ZB181100.	162.7	0.527026	0.534626	ZB181124.	162.94	0.568185	0.553585	ZB181136.	163.06	0.56245	0.551577	ZB182028.
	ZB181100.	162.7	0.518608	0.530957	ZB181124.	162.94	0.561943	0.546933	ZB181136.	163.06	0.550694	0.54354	ZB182028.
	ZB181100.	162.7	0.508574	0.526097	ZB181124.	162.94	0.55						

depth.47	RawTest1.1	RawTest2.47	name.48	depth.48	RawTest1.1	RawTest2.48	name.49	depth.49	RawTest1.1	RawTest2.49	name.50	depth.50	RawTest1.1
163.48	1.041491	1.005823	ZB182148.	164.68	1.027028	1.018591	ZB183112.	165.82	1.003023	1.008349	ZB184040.	166.6	1.023228
163.48	1.040516	1.002041	ZB182148.	164.68	1.027196	1.017006	ZB183112.	165.82	1.002099	1.007997	ZB184040.	166.6	1.022136
163.48	1.038143	0.99472	ZB182148.	164.68	1.026543	1.013857	ZB183112.	165.82	0.999457	1.007706	ZB184040.	166.6	1.019438
163.48	1.035164	0.988237	ZB182148.	164.68	1.024479	1.010892	ZB183112.	165.82	0.995863	1.007744	ZB184040.	166.6	1.015967
163.48	1.031509	0.983155	ZB182148.	164.68	1.021128	1.008308	ZB183112.	165.82	0.991682	1.007728	ZB184040.	166.6	1.011756
163.48	1.027042	0.980096	ZB182148.	164.68	1.016783	1.006213	ZB183112.	165.82	0.987529	1.007201	ZB184040.	166.6	1.007043
163.48	1.021526	0.979548	ZB182148.	164.68	1.011838	1.004621	ZB183112.	165.82	0.984122	1.005787	ZB184040.	166.6	1.002251
163.48	1.014673	0.981646	ZB182148.	164.68	1.006691	1.003539	ZB183112.	165.82	0.982097	1.003347	ZB184040.	166.6	0.997888
163.48	1.006277	0.986044	ZB182148.	164.68	1.001669	1.003077	ZB183112.	165.82	0.981854	1.000068	ZB184040.	166.6	0.994443
163.48	0.996405	0.991944	ZB182148.	164.68	0.996999	1.003475	ZB183112.	165.82	0.983467	0.996405	ZB184040.	166.6	0.992258
163.48	0.985577	0.998296	ZB182148.	164.68	0.9928	1.005043	ZB183112.	165.82	0.986673	0.992901	ZB184040.	166.6	0.991442
163.48	0.974823	1.004063	ZB182148.	164.68	0.989113	1.007865	ZB183112.	165.82	0.990921	0.989974	ZB184040.	166.6	0.991844
163.48	0.965514	1.008435	ZB182148.	164.68	0.985938	1.011592	ZB183112.	165.82	0.995458	0.987765	ZB184040.	166.6	0.993059
163.48	0.959023	1.010945	ZB182148.	164.68	0.983276	1.015361	ZB183112.	165.82	0.999494	0.986143	ZB184040.	166.6	0.994489
163.48	0.956284	1.011414	ZB182148.	164.68	0.981181	1.018004	ZB183112.	165.82	1.002392	0.984854	ZB184040.	166.6	0.99549
163.48	0.957479	1.009869	ZB182148.	164.68	0.979765	1.018486	ZB183112.	165.82	1.003804	0.9837	ZB184040.	166.6	0.995546
163.48	0.961924	1.006457	ZB182148.	164.68	0.979166	1.016341	ZB183112.	165.82	1.003733	0.982646	ZB184040.	166.6	0.994439
163.48	0.968219	1.001432	ZB182148.	164.68	0.979466	1.011901	ZB183112.	165.82	1.00246	0.9818	ZB184040.	166.6	0.992332
163.48	0.974624	0.995159	ZB182148.	164.68	0.980577	1.006174	ZB183112.	165.82	1.000381	0.981306	ZB184040.	166.6	0.98967
163.48	0.979477	0.988059	ZB182148.	164.68	0.982186	1.000428	ZB183112.	165.82	0.997849	0.981214	ZB184040.	166.6	0.986929
163.48	0.981594	0.980509	ZB182148.	164.68	0.983765	0.995669	ZB183112.	165.82	0.995064	0.981426	ZB184040.	166.6	0.984328
163.48	0.980488	0.97274	ZB182148.	164.68	0.984701	0.992251	ZB183112.	165.82	0.992081	0.981706	ZB184040.	166.6	0.981671
163.48	0.976435	0.964813	ZB182148.	164.68	0.984464	0.989775	ZB183112.	165.82	0.988887	0.981763	ZB184040.	166.6	0.978437
163.48	0.970308	0.956727	ZB182148.	164.68	0.982792	0.987351	ZB183112.	165.82	0.985494	0.981348	ZB184040.	166.6	0.9741
163.48	0.96322	0.948584	ZB182148.	164.68	0.979734	0.98405	ZB183112.	165.82	0.981984	0.980341	ZB184040.	166.6	0.968473
163.48	0.956089	0.940667	ZB182148.	164.68	0.97553	0.979317	ZB183112.	165.82	0.978478	0.978784	ZB184040.	166.6	0.961859
163.48	0.94926	0.933355	ZB182148.	164.68	0.970411	0.973147	ZB183112.	165.82	0.97508	0.976837	ZB184040.	166.6	0.954911
163.48	0.942426	0.926891	ZB182148.	164.68	0.964457	0.965955	ZB183112.	165.82	0.971822	0.974679	ZB184040.	166.6	0.948268
163.48	0.934906	0.921193	ZB182148.	164.68	0.957616	0.958262	ZB183112.	165.82	0.968659	0.972428	ZB184040.	166.6	0.942176
163.48	0.926186	0.915825	ZB182148.	164.68	0.949861	0.950391	ZB183112.	165.82	0.965501	0.970106	ZB184040.	166.6	0.936347
163.48	0.916395	0.910154	ZB182148.	164.68	0.941338	0.942324	ZB183112.	165.82	0.962243	0.967697	ZB184040.	166.6	0.930152
163.48	0.906398	0.903602	ZB182148.	164.68	0.932398	0.933807	ZB183112.	165.82	0.95878	0.965242	ZB184040.	166.6	0.923051
163.48	0.897389	0.895862	ZB182148.	164.68	0.923441	0.924624	ZB183112.	165.82	0.954991	0.96288	ZB184040.	166.6	0.914949
163.48	0.890202	0.886982	ZB182148.	164.68	0.914677	0.914793	ZB183112.	165.82	0.950738	0.960753	ZB184040.	166.6	0.906233
163.48	0.884734	0.877303	ZB182148.	164.68	0.906009	0.904559	ZB183112.	165.82	0.945882	0.958842	ZB184040.	166.6	0.897498
163.48	0.879819	0.867288	ZB182148.	164.68	0.897125	0.894172	ZB183112.	165.82	0.940313	0.95683	ZB184040.	166.6	0.889137
163.48	0.873682	0.857355	ZB182148.	164.68	0.88774	0.883631	ZB183112.	165.82	0.934001	0.954122	ZB184040.	166.6	0.881112
163.48	0.864703	0.847722	ZB182148.	164.68	0.877828	0.872643	ZB183112.	165.82	0.927025	0.950046	ZB184040.	166.6	0.873066
163.48	0.852116	0.838315	ZB182148.	164.68	0.867687	0.860859	ZB183112.	165.82	0.919521	0.944087	ZB184040.	166.6	0.864669
163.48	0.836273	0.828751	ZB182148.	164.68	0.857779	0.848244	ZB183112.	165.82	0.911603	0.936025	ZB184040.	166.6	0.855907
163.48	0.818404	0.818424	ZB182148.	164.68	0.84847	0.835299	ZB183112.	165.82	0.903274	0.925905	ZB184040.	166.6	0.847114
163.48	0.800005	0.806722	ZB182148.	164.68	0.839778	0.822923	ZB183112.	165.82	0.8944	0.913922	ZB184040.	166.6	0.838705
163.48	0.782195	0.793258	ZB182148.	164.68	0.831319	0.811999	ZB183112.	165.82	0.884778	0.900355	ZB184040.	166.6	0.830874
163.48	0.765402	0.778049	ZB182148.	164.68	0.822447	0.802948	ZB183112.	165.82	0.874251	0.88558	ZB184040.	166.6	0.823461
163.48	0.749394	0.761519	ZB182148.	164.68	0.812539	0.795526	ZB183112.	165.82	0.862821	0.870117	ZB184040.	166.6	0.816068
163.48	0.733674	0.74433	ZB182148.	164.68	0.801306	0.78897	ZB183112.	165.82	0.850685	0.854627	ZB184040.	166.6	0.808303
163.48	0.717948	0.727151	ZB182148.	164.68	0.788996	0.782402	ZB183112.	165.82	0.838196	0.839809	ZB184040.	166.6	0.799967
163.48	0.702419	0.710496	ZB182148.	164.68	0.776388	0.775222	ZB183112.	165.82	0.825773	0.826243	ZB184040.	166.6	0.791092
163.48	0.687713	0.694654	ZB182148.	164.68	0.764494	0.767279	ZB183112.	165.82	0.813805	0.814247	ZB184040.	166.6	0.781859
163.48	0.674443	0.679702	ZB182148.	164.68	0.754081	0.75877	ZB183112.	165.82	0.802574	0.803842	ZB184040.	166.6	0.772505
163.48	0.662735	0.665543	ZB182148.	164.68	0.745296	0.749995	ZB183112.	165.82	0.792182	0.794805	ZB184040.	166.6	0.763294
163.48	0.652006	0.651996	ZB182148.	164.68	0.737611	0.741157	ZB183112.	165.82	0.782486	0.786756	ZB184040.	166.6	0.754517
163.48	0.64119	0.638911	ZB182148.	164.68	0.730123	0.732344	ZB183112.	165.82	0.773142	0.779252	ZB184040.	166.6	0.74643
163.48	0.629295	0.626283	ZB182148.	164.68	0.722049	0.723638	ZB183112.	165.82	0.76376	0.771863	ZB184040.	166.6	0.73914
163.48	0.615932	0.614303	ZB182148.	164.68	0.713131	0.715249	ZB183112.	165.82	0.754108	0.76423	ZB184040.	166.6	0.732513
163.48	0.601466	0.603305	ZB182148.	164.68	0.703709	0.707525	ZB183112.	165.82	0.744245	0.756119	ZB184040.	166.6	0.726193
163.48	0.586761	0.593615	ZB182148.	164.68	0.69446	0.700812	ZB183112.	165.82	0.734507	0.747475	ZB184040.	166.6	0.719742
163.48	0.572669	0.585366	ZB182148.	164.68	0.685967	0.695228	ZB183112.	165.82	0.7253	0.738434	ZB184040.	166.6	0.712853
163.48	0.559592	0.57837	ZB182148.	164.68	0.678413	0.690495	ZB183112.	165.82	0.716858	0.729279	ZB184040.	166.6	0.705515
163.48	0.547342	0.572111	ZB182148.	164.68	0.671583	0.685953	ZB183112.	165.82	0.709136	0.720349	ZB184040.	166.6	0.698056
163.48	0.535358	0.565855	ZB182148.	164.68	0.665115	0.680823	ZB183112.	165.82	0.701897	0.711945	ZB184040.	166.6	0.691015
163.48	0.523138	0.558853	ZB182148.	164.68	0.658823	0.674566	ZB183112.	165.82	0.694934	0.704249	ZB184040.	166.6	0.684929
163.48	0.510682	0.550536	ZB182148.	164.68	0.652848	0.667231	ZB183112.	165.82	0.688223	0.697288	ZB184040.	166.6	0.680101
163.48	0.498683	0.540686	ZB182148.	164.68	0.647556	0.659491	ZB183112.	165.82	0.6819	0.690938	ZB184040.	166.6	0.676503
163.48	0.488382	0.529534	ZB182148.	164.68	0.643263	0.652339	ZB183112.	165.82	0.676081	0.684964	ZB184040.	166.6	0.673798
163.48	0.481074	0.517777	ZB182148.	164.68	0.639943	0.646563	ZB183112.	165.82	0.670667	0.679082	ZB184040.	166.6	0.67147
163.48	0.477472	0.506428	ZB182148.	164.68	0.637133	0.642301	ZB183112.	165.82	0.665311	0.673026	ZB184040.	166.6	0.669001
163.48	0.477219	0.496492	ZB182148.	164.68	0.634103	0.638975	ZB183112.	165.82	0.659561	0.666583	ZB184040.	166.6	0.665995
163.48	0.478796	0.488536	ZB182148.	164.68	0.630168	0.635582	ZB183112.	165.82	0.653105	0.659616	ZB184040.	166.6	0.662225
163.48	0.479864	0.482345	ZB182148.	164.68	0.624995	0.631197	ZB183112.	165.82	0.645938	0.652094	ZB184040.	166.6	0.657613
1													

RawTest2.50	name.51	depth.51	RawTest1. RawTest2.51	name.52	depth.52	RawTest1. RawTest2.52	name.53	depth.53	RawTest1. RawTest2.53
1.020174	ZB184076.	166.96	1.008007 0.972524	ZB184112.	167.32	1.002982 0.988987	ZB184148.	167.68	0.988617 1.022168
1.017778	ZB184076.	166.96	1.007238 0.972291	ZB184112.	167.32	1.001312 0.987859	ZB184148.	167.68	0.989544 1.022457
1.013759	ZB184076.	166.96	1.006228 0.972313	ZB184112.	167.32	0.998018 0.986783	ZB184148.	167.68	0.991399 1.022261
1.011018	ZB184076.	166.96	1.005719 0.972901	ZB184112.	167.32	0.994777 0.987577	ZB184148.	167.68	0.9931 1.020963
1.009791	ZB184076.	166.96	1.005316 0.9739	ZB184112.	167.32	0.991564 0.990315	ZB184148.	167.68	0.994458 1.018615
1.01003	ZB184076.	166.96	1.004542 0.975108	ZB184112.	167.32	0.988347 0.994584	ZB184148.	167.68	0.995342 1.01546
1.011332	ZB184076.	166.96	1.003006 0.976364	ZB184112.	167.32	0.98512 0.999543	ZB184148.	167.68	0.995721 1.011866
1.012975	ZB184076.	166.96	1.000551 0.977602	ZB184112.	167.32	0.981987 1.004157	ZB184148.	167.68	0.995634 1.008209
1.014063	ZB184076.	166.96	0.997322 0.978871	ZB184112.	167.32	0.979243 1.007507	ZB184148.	167.68	0.995123 1.004733
1.013766	ZB184076.	166.96	0.993733 0.980308	ZB184112.	167.32	0.977398 1.0091	ZB184148.	167.68	0.994153 1.001474
1.011563	ZB184076.	166.96	0.99034 0.982072	ZB184112.	167.32	0.977074 1.009004	ZB184148.	167.68	0.992597 0.998273
1.007376	ZB184076.	166.96	0.987706 0.984243	ZB184112.	167.32	0.978779 1.007755	ZB184148.	167.68	0.990316 0.994907
1.001564	ZB184076.	166.96	0.986245 0.986749	ZB184112.	167.32	0.982624 1.006088	ZB184148.	167.68	0.987318 0.991233
0.994805	ZB184076.	166.96	0.986116 0.989316	ZB184112.	167.32	0.988147 1.00458	ZB184148.	167.68	0.983884 0.987317
0.987907	ZB184076.	166.96	0.987191 0.991517	ZB184112.	167.32	0.994384 1.003389	ZB184148.	167.68	0.980555 0.983464
0.981641	ZB184076.	166.96	0.989123 0.992909	ZB184112.	167.32	1.000187 1.002244	ZB184148.	167.68	0.977975 0.980136
0.97662	ZB184076.	166.96	0.991485 0.993207	ZB184112.	167.32	1.004639 1.000682	ZB184148.	167.68	0.976595 0.977811
0.973198	ZB184076.	166.96	0.993886 0.992426	ZB184112.	167.32	1.007363 0.998385	ZB184148.	167.68	0.976469 0.976826
0.971377	ZB184076.	166.96	0.996001 0.990861	ZB184112.	167.32	1.008512 0.995446	ZB184148.	167.68	0.97726 0.977279
0.970764	ZB184076.	166.96	0.997498 0.988934	ZB184112.	167.32	1.008464 0.992333	ZB184148.	167.68	0.978469 0.978993
0.970637	ZB184076.	166.96	0.997972 0.986979	ZB184112.	167.32	1.007472 0.989605	ZB184148.	167.68	0.979768 0.981541
0.97016	ZB184076.	166.96	0.996994 0.985114	ZB184112.	167.32	1.005505 0.987591	ZB184148.	167.68	0.981156 0.984309
0.96871	ZB184076.	166.96	0.994303 0.983237	ZB184112.	167.32	1.002382 0.986267	ZB184148.	167.68	0.982838 0.986636
0.966139	ZB184076.	166.96	0.990025 0.981118	ZB184112.	167.32	0.998047 0.985366	ZB184148.	167.68	0.984887 0.987976
0.962789	ZB184076.	166.96	0.984695 0.978518	ZB184112.	167.32	0.992752 0.984582	ZB184148.	167.68	0.986952 0.988033
0.959236	ZB184076.	166.96	0.979037 0.975242	ZB184112.	167.32	0.987034 0.983633	ZB184148.	167.68	0.988238 0.986811
0.955862	ZB184076.	166.96	0.973578 0.97116	ZB184112.	167.32	0.981494 0.982202	ZB184148.	167.68	0.987804 0.984516
0.95254	ZB184076.	166.96	0.968371 0.966225	ZB184112.	167.32	0.976543 0.979858	ZB184148.	167.68	0.985019 0.98138
0.948691	ZB184076.	166.96	0.963015 0.960537	ZB184112.	167.32	0.972277 0.976111	ZB184148.	167.68	0.979839 0.977505
0.943655	ZB184076.	166.96	0.956954 0.954427	ZB184112.	167.32	0.968522 0.970617	ZB184148.	167.68	0.972775 0.972838
0.937178	ZB184076.	166.96	0.949882 0.948402	ZB184112.	167.32	0.964968 0.963415	ZB184148.	167.68	0.964582 0.967287
0.929586	ZB184076.	166.96	0.941972 0.942933	ZB184112.	167.32	0.961312 0.954964	ZB184148.	167.68	0.955912 0.960906
0.921568	ZB184076.	166.96	0.93381 0.938157	ZB184112.	167.32	0.957303 0.945952	ZB184148.	167.68	0.94719 0.953996
0.913746	ZB184076.	166.96	0.926046 0.933717	ZB184112.	167.32	0.952753 0.937005	ZB184148.	167.68	0.938695 0.947072
0.90637	ZB184076.	166.96	0.919059 0.928865	ZB184112.	167.32	0.947532 0.928504	ZB184148.	167.68	0.930714 0.94065
0.899318	ZB184076.	166.96	0.91278 0.92283	ZB184112.	167.32	0.94153 0.920617	ZB184148.	167.68	0.923567 0.934954
0.892335	ZB184076.	166.96	0.906843 0.915249	ZB184112.	167.32	0.934685 0.91343	ZB184148.	167.68	0.917479 0.929734
0.885269	ZB184076.	166.96	0.900899 0.906351	ZB184112.	167.32	0.927006 0.907013	ZB184148.	167.68	0.912414 0.924329
0.87811	ZB184076.	166.96	0.894895 0.896794	ZB184112.	167.32	0.918604 0.901332	ZB184148.	167.68	0.907999 0.917974
0.870848	ZB184076.	166.96	0.889092 0.887258	ZB184112.	167.32	0.909648 0.896035	ZB184148.	167.68	0.903622 0.910175
0.863325	ZB184076.	166.96	0.883768 0.87808	ZB184112.	167.32	0.900245 0.890357	ZB184148.	167.68	0.898607 0.900917
0.855225	ZB184076.	166.96	0.878846 0.869127	ZB184112.	167.32	0.890291 0.883255	ZB184148.	167.68	0.892389 0.890613
0.846236	ZB184076.	166.96	0.873708 0.859948	ZB184112.	167.32	0.879436 0.873808	ZB184148.	167.68	0.884589 0.879877
0.83627	ZB184076.	166.96	0.867376 0.850072	ZB184112.	167.32	0.867232 0.861684	ZB184148.	167.68	0.875049 0.869247
0.825546	ZB184076.	166.96	0.85901 0.839323	ZB184112.	167.32	0.853459 0.847381	ZB184148.	167.68	0.863876 0.859084
0.814534	ZB184076.	166.96	0.848401 0.827924	ZB184112.	167.32	0.83842 0.832083	ZB184148.	167.68	0.851487 0.84961
0.803781	ZB184076.	166.96	0.836139 0.816397	ZB184112.	167.32	0.823018 0.817234	ZB184148.	167.68	0.838627 0.840982
0.793791	ZB184076.	166.96	0.823375 0.805309	ZB184112.	167.32	0.808485 0.804006	ZB184148.	167.68	0.82626 0.833269
0.784935	ZB184076.	166.96	0.811268 0.795038	ZB184112.	167.32	0.795904 0.792883	ZB184148.	167.68	0.815281 0.826313
0.777403	ZB184076.	166.96	0.800461 0.785661	ZB184112.	167.32	0.785753 0.783613	ZB184148.	167.68	0.806205 0.819649
0.771111	ZB184076.	166.96	0.790888 0.776996	ZB184112.	167.32	0.777759 0.775502	ZB184148.	167.68	0.798967 0.812597
0.765635	ZB184076.	166.96	0.781971 0.768781	ZB184112.	167.32	0.771104 0.767857	ZB184148.	167.68	0.792977 0.804548
0.760256	ZB184076.	166.96	0.773034 0.76086	ZB184112.	167.32	0.764843 0.760303	ZB184148.	167.68	0.787409 0.795282
0.754198	ZB184076.	166.96	0.763707 0.753271	ZB184112.	167.32	0.758317 0.75283	ZB184148.	167.68	0.781558 0.785118
0.746968	ZB184076.	166.96	0.754084 0.746153	ZB184112.	167.32	0.751338 0.745586	ZB184148.	167.68	0.775069 0.774796
0.7386	ZB184076.	166.96	0.744596 0.739576	ZB184112.	167.32	0.744118 0.738637	ZB184148.	167.68	0.767962 0.765125
0.729656	ZB184076.	166.96	0.735733 0.733413	ZB184112.	167.32	0.737037 0.731857	ZB184148.	167.68	0.760503 0.756645
0.720953	ZB184076.	166.96	0.727751 0.727358	ZB184112.	167.32	0.730386 0.725048	ZB184148.	167.68	0.753024 0.749468
0.713181	ZB184076.	166.96	0.720561 0.721094	ZB184112.	167.32	0.724236 0.718124	ZB184148.	167.68	0.745793 0.743342
0.706616	ZB184076.	166.96	0.713814 0.714496	ZB184112.	167.32	0.71844 0.711215	ZB184148.	167.68	0.738969 0.737818
0.701068	ZB184076.	166.96	0.707145 0.707751	ZB184112.	167.32	0.712761 0.7046	ZB184148.	167.68	0.732634 0.732437
0.696082	ZB184076.	166.96	0.700449 0.701286	ZB184112.	167.32	0.707009 0.698541	ZB184148.	167.68	0.72682 0.726874
0.69124	ZB184076.	166.96	0.694011 0.695503	ZB184112.	167.32	0.701118 0.693141	ZB184148.	167.68	0.721495 0.720997
0.686382	ZB184076.	166.96	0.688375 0.690525	ZB184112.	167.32	0.695126 0.688319	ZB184148.	167.68	0.716534 0.714837
0.681623	ZB184076.	166.96	0.683988 0.686079	ZB184112.	167.32	0.689108 0.683848	ZB184148.	167.68	0.711171 0.708511
0.677177	ZB184076.	166.96	0.680828 0.681622	ZB184112.	167.32	0.683169 0.679418	ZB184148.	167.68	0.706763 0.702127
0.673148	ZB184076.	166.96	0.678273 0.676621	ZB184112.	167.32	0.677484 0.674722	ZB184148.	167.68	0.701499 0.695726
0.669441	ZB184076.	166.96	0.675351 0.670838	ZB184112.	167.32	0.672333 0.66953	ZB184148.	167.68	0.695864 0.689309
0.665807	ZB184076.	166.96	0.671225 0.664445	ZB184112.	167.32	0.667996 0.663754	ZB184148.	167.68	0.689945 0.682925
0.662	ZB184076.	166.96	0.665623 0.657885	ZB184112.	167.32	0.664513 0.657485	ZB184148.	167.68	0.683921 0.676754
0.657913	ZB184076.	166.96	0.658954 0.651583	ZB184112.	167.32	0.661485 0.650958	ZB184148.	167.68	0.677999 0.671101
0.653574	ZB184076.	166.96	0.652147 0.645727	ZB184112.	167.32	0.658177 0.644443	ZB184148.	167.68	0.67233 0.666227
0.64902	ZB184076.	166.96	0.646327 0.640277	ZB184112.	167.32	0.653946 0.638092	ZB184148.	167.68	0.666952 0.662088
0.644107	ZB184076.	166.96	0.642648 0.635195	ZB184112.	167.32	0.648824 0.631847	ZB184148.	167.68	0.661726 0.658113
0.638377	ZB184076.	166.96	0.642262 0.630741	ZB184112.	167.32	0.643859 0.625467	ZB184148.	167.68	0.656315 0.653203
0.6311	ZB184076.	166.96	0.64636 0.627562	ZB184112.	167.32	0.640988 0.618646	ZB184148.	167.68	0.650227 0.64595
0.621466	ZB184076.	166.96	0.656107 0.626535	ZB184112.	167.32	0.642379 0.611166	ZB184148.	167.68	0.642929 0.635052

name.54	depth.54	RawTest1. RawTest2.54	name.55	depth.55	RawTest1. RawTest2.55	name.56	depth.56	RawTest1. RawTest2.56	name.57	depth.57
ZB185028.	167.98	1.02353 0.97275	ZB185064.	168.34	1.021738 1.003812	ZB185088.	168.58	0.988181 0.978545	ZB185114.	168.83
ZB185028.	167.98	1.022063 0.972655	ZB185064.	168.34	1.020528 1.003619	ZB185088.	168.58	0.987186 0.979699	ZB185114.	168.83
ZB185028.	167.98	1.018808 0.972897	ZB185064.	168.34	1.018026 1.003646	ZB185088.	168.58	0.986052 0.982268	ZB185114.	168.83
ZB185028.	167.98	1.015282 0.974032	ZB185064.	168.34	1.015451 1.004081	ZB185088.	168.58	0.986003 0.985194	ZB185114.	168.83
ZB185028.	167.98	1.011805 0.976442	ZB185064.	168.34	1.012886 1.004676	ZB185088.	168.58	0.986816 0.988356	ZB185114.	168.83
ZB185028.	167.98	1.008782 0.980353	ZB185064.	168.34	1.010373 1.005151	ZB185088.	168.58	0.988073 0.991478	ZB185114.	168.83
ZB185028.	167.98	1.006528 0.985668	ZB185064.	168.34	1.007869 1.0053	ZB185088.	168.58	0.989243 0.994168	ZB185114.	168.83
ZB185028.	167.98	1.005097 0.991924	ZB185064.	168.34	1.005251 1.005069	ZB185088.	168.58	0.989819 0.996005	ZB185114.	168.83
ZB185028.	167.98	1.0042 0.998163	ZB185064.	168.34	1.002378 1.004538	ZB185088.	168.58	0.989471 0.996648	ZB185114.	168.83
ZB185028.	167.98	1.003271 1.003234	ZB185064.	168.34	0.999174 1.003873	ZB185088.	168.58	0.988163 0.995941	ZB185114.	168.83
ZB185028.	167.98	1.001693 1.006051	ZB185064.	168.34	0.99569 1.003227	ZB185088.	168.58	0.986165 0.993939	ZB185114.	168.83
ZB185028.	167.98	0.999118 1.005952	ZB185064.	168.34	0.992092 1.002668	ZB185088.	168.58	0.983955 0.990942	ZB185114.	168.83
ZB185028.	167.98	0.995661 1.002944	ZB185064.	168.34	0.988573 1.002147	ZB185088.	168.58	0.982048 0.987428	ZB185114.	168.83
ZB185028.	167.98	0.9919 0.997737	ZB185064.	168.34	0.985247 1.001503	ZB185088.	168.58	0.980847 0.983931	ZB185114.	168.83
ZB185028.	167.98	0.988582 0.991526	ZB185064.	168.34	0.982101 1.000511	ZB185088.	168.58	0.980557 0.980855	ZB185114.	168.83
ZB185028.	167.98	0.986224 0.985636	ZB185064.	168.34	0.979046 0.998945	ZB185088.	168.58	0.981181 0.978296	ZB185114.	168.83
ZB185028.	167.98	0.98479 0.981167	ZB185064.	168.34	0.976041 0.996643	ZB185088.	168.58	0.982558 0.975999	ZB185114.	168.83
ZB185028.	167.98	0.983674 0.978703	ZB185064.	168.34	0.973204 0.99361	ZB185088.	168.58	0.984368 0.973506	ZB185114.	168.83
ZB185028.	167.98	0.982049 0.978178	ZB185064.	168.34	0.970821 0.990072	ZB185088.	168.58	0.986148 0.970474	ZB185114.	168.83
ZB185028.	167.98	0.979359 0.978946	ZB185064.	168.34	0.969241 0.986487	ZB185088.	168.58	0.987287 0.966918	ZB185114.	168.83
ZB185028.	167.98	0.975674 0.980001	ZB185064.	168.34	0.968698 0.983418	ZB185088.	168.58	0.987127 0.963274	ZB185114.	168.83
ZB185028.	167.98	0.971661 0.980338	ZB185064.	168.34	0.969126 0.981344	ZB185088.	168.58	0.985115 0.960158	ZB185114.	168.83
ZB185028.	167.98	0.968203 0.979331	ZB185064.	168.34	0.970116 0.980409	ZB185088.	168.58	0.980983 0.957999	ZB185114.	168.83
ZB185028.	167.98	0.965911 0.976944	ZB185064.	168.34	0.971018 0.980255	ZB185088.	168.58	0.974865 0.95673	ZB185114.	168.83
ZB185028.	167.98	0.964822 0.973664	ZB185064.	168.34	0.97118 0.980022	ZB185088.	168.58	0.967298 0.955784	ZB185114.	168.83
ZB185028.	167.98	0.964451 0.970208	ZB185064.	168.34	0.970161 0.978585	ZB185088.	168.58	0.959116 0.954388	ZB185114.	168.83
ZB185028.	167.98	0.964137 0.967154	ZB185064.	168.34	0.967819 0.974966	ZB185088.	168.58	0.9513 0.952008	ZB185114.	168.83
ZB185028.	167.98	0.96342 0.964703	ZB185064.	168.34	0.964235 0.968799	ZB185088.	168.58	0.94479 0.948637	ZB185114.	168.83
ZB185028.	167.98	0.962174 0.962626	ZB185064.	168.34	0.959572 0.960566	ZB185088.	168.58	0.940299 0.944754	ZB185114.	168.83
ZB185028.	167.98	0.960432 0.960402	ZB185064.	168.34	0.95399 0.951477	ZB185088.	168.58	0.938112 0.940989	ZB185114.	168.83
ZB185028.	167.98	0.958092 0.957468	ZB185064.	168.34	0.947673 0.942994	ZB185088.	168.58	0.937933 0.937722	ZB185114.	168.83
ZB185028.	167.98	0.954793 0.953472	ZB185064.	168.34	0.940937 0.93621	ZB185088.	168.58	0.938859 0.934915	ZB185114.	168.83
ZB185028.	167.98	0.950054 0.948404	ZB185064.	168.34	0.934273 0.931412	ZB185088.	168.58	0.939604 0.932255	ZB185114.	168.83
ZB185028.	167.98	0.94358 0.942584	ZB185064.	168.34	0.92821 0.928081	ZB185088.	168.58	0.938919 0.92948	ZB185114.	168.83
ZB185028.	167.98	0.935504 0.936526	ZB185064.	168.34	0.923027 0.925241	ZB185088.	168.58	0.9361 0.926586	ZB185114.	168.83
ZB185028.	167.98	0.926388 0.930715	ZB185064.	168.34	0.918499 0.921957	ZB185088.	168.58	0.931226 0.923786	ZB185114.	168.83
ZB185028.	167.98	0.916983 0.925369	ZB185064.	168.34	0.913893 0.917664	ZB185088.	168.58	0.925028 0.921224	ZB185114.	168.83
ZB185028.	167.98	0.907919 0.920287	ZB185064.	168.34	0.908231 0.91217	ZB185088.	168.58	0.918466 0.918696	ZB185114.	168.83
ZB185028.	167.98	0.899534 0.914852	ZB185064.	168.34	0.900719 0.905422	ZB185088.	168.58	0.912245 0.915622	ZB185114.	168.83
ZB185028.	167.98	0.89186 0.908249	ZB185064.	168.34	0.891091 0.897298	ZB185088.	168.58	0.906499 0.911272	ZB185114.	168.83
ZB185028.	167.98	0.884732 0.899798	ZB185064.	168.34	0.879656 0.887579	ZB185088.	168.58	0.900768 0.905109	ZB185114.	168.83
ZB185028.	167.98	0.877896 0.88923	ZB185064.	168.34	0.867103 0.876128	ZB185088.	168.58	0.894244 0.896959	ZB185114.	168.83
ZB185028.	167.98	0.871038 0.876801	ZB185064.	168.34	0.854172 0.863107	ZB185088.	168.58	0.886122 0.886981	ZB185114.	168.83
ZB185028.	167.98	0.86381 0.863197	ZB185064.	168.34	0.841422 0.84907	ZB185088.	168.58	0.875917 0.875493	ZB185114.	168.83
ZB185028.	167.98	0.855847 0.849307	ZB185064.	168.34	0.829133 0.83484	ZB185088.	168.58	0.863654 0.862847	ZB185114.	168.83
ZB185028.	167.98	0.846857 0.835986	ZB185064.	168.34	0.817326 0.821232	ZB185088.	168.58	0.849894 0.849462	ZB185114.	168.83
ZB185028.	167.98	0.836786 0.8239	ZB185064.	168.34	0.805799 0.808794	ZB185088.	168.58	0.835611 0.835939	ZB185114.	168.83
ZB185028.	167.98	0.825957 0.813433	ZB185064.	168.34	0.794197 0.797672	ZB185088.	168.58	0.821952 0.823023	ZB185114.	168.83
ZB185028.	167.98	0.815025 0.804638	ZB185064.	168.34	0.782119 0.787657	ZB185088.	168.58	0.809907 0.811354	ZB185114.	168.83
ZB185028.	167.98	0.804751 0.797246	ZB185064.	168.34	0.769322 0.778358	ZB185088.	168.58	0.800022 0.801173	ZB185114.	168.83
ZB185028.	167.98	0.795684 0.790731	ZB185064.	168.34	0.755944 0.76942	ZB185088.	168.58	0.792266 0.792207	ZB185114.	168.83
ZB185028.	167.98	0.787916 0.784444	ZB185064.	168.34	0.742605 0.760697	ZB185088.	168.58	0.786083 0.783856	ZB185114.	168.83
ZB185028.	167.98	0.781012 0.777814	ZB185064.	168.34	0.730304 0.752331	ZB185088.	168.58	0.780642 0.775587	ZB185114.	168.83
ZB185028.	167.98	0.774214 0.77052	ZB185064.	168.34	0.720038 0.744669	ZB185088.	168.58	0.775205 0.767256	ZB185114.	168.83
ZB185028.	167.98	0.766803 0.762591	ZB185064.	168.34	0.712378 0.738134	ZB185088.	168.58	0.769392 0.759169	ZB185114.	168.83
ZB185028.	167.98	0.758439 0.754388	ZB185064.	168.34	0.707221 0.732758	ZB185088.	168.58	0.763296 0.751861	ZB185114.	168.83
ZB185028.	167.98	0.749328 0.746469	ZB185064.	168.34	0.703841 0.728231	ZB185088.	168.58	0.757336 0.74578	ZB185114.	168.83
ZB185028.	167.98	0.740111 0.73938	ZB185064.	168.34	0.701212 0.723854	ZB185088.	168.58	0.751957 0.741037	ZB185114.	168.83
ZB185028.	167.98	0.73155 0.733499	ZB185064.	168.34	0.698391 0.718846	ZB185088.	168.58	0.747295 0.737365	ZB185114.	168.83
ZB185028.	167.98	0.724204 0.728948	ZB185064.	168.34	0.694783 0.712707	ZB185088.	168.58	0.743018 0.734262	ZB185114.	168.83
ZB185028.	167.98	0.718218 0.72561	ZB185064.	168.34	0.690238 0.705429	ZB185088.	168.58	0.738432 0.731184	ZB185114.	168.83
ZB185028.	167.98	0.713312 0.723184	ZB185064.	168.34	0.684957 0.697462	ZB185088.	168.58	0.73286 0.727696	ZB185114.	168.83
ZB185028.	167.98	0.708942 0.721243	ZB185064.	168.34	0.679303 0.689458	ZB185088.	168.58	0.726023 0.723585	ZB185114.	168.83
ZB185028.	167.98	0.704509 0.719265	ZB185064.	168.34	0.673633 0.681998	ZB185088.	168.58	0.718199 0.718893	ZB185114.	168.83
ZB185028.	167.98	0.699555 0.716657	ZB185064.	168.34	0.668184 0.675326	ZB185088.	168.58	0.710068 0.713866	ZB185114.	168.83
ZB185028.	167.98	0.693856 0.712806	ZB185064.	168.34	0.66307 0.669557	ZB185088.	168.58	0.702367 0.708835	ZB185114.	168.83
ZB185028.	167.98	0.687463 0.707219	ZB185064.	168.34	0.658321 0.664623	ZB185088.	168.58	0.695554 0.704059	ZB185114.	168.83
ZB185028.	167.98	0.680639 0.699723	ZB185064.	168.34	0.653921 0.660453	ZB185088.	168.58	0.689654 0.699565	ZB185114.	168.83
ZB185028.	167.98	0.673716 0.690639	ZB185064.	168.34	0.649767 0.656908	ZB185088.	168.58	0.684285 0.695061	ZB185114.	168.83
ZB185028.	167.98	0.66693 0.680796	ZB185064.	168.34	0.64556 0.653645	ZB185088.	168.58	0.678821 0.689983	ZB185114.	168.83
ZB185028.	167.98	0.660313 0.671269	ZB185064.	168.34	0.640732 0.650069	ZB185088.	168.58	0.672587 0.683699	ZB185114.	168.83
ZB185028.	167.98	0.653686 0.662988	ZB185064.	168.34	0.634563 0.645532	ZB185088.	168.58	0.665074 0.675839	ZB185114.	168.83
ZB185028.	167.98	0.646753 0.656329	ZB185064.	168.34	0.626508 0.6397	ZB185088.	168.58	0.656113 0.666651	ZB185114.	168.83
ZB185028.	167.98	0.639235 0.650978	ZB185064.	168.34	0.616638 0.63289	ZB185088.	168.58	0.646019 0.65724	ZB185114.	168.83
ZB185028.	167.98	0.630997 0.646119	ZB185064.	168.34	0.605898 0.626127	ZB185088.	168.58	0.635571 0.649511	ZB185114.	168.83
ZB185028.	167.98	0.62209 0.640847	ZB18506							

RawTest1. RawTest2.57	name.58	depth.58	RawTest1. RawTest2.58	name.59	depth.59	RawTest1. RawTest2.59	name.60	depth.60	RawTest1. RawTest2.60
0.973788 1.003318	ZB185136.	169.06	0.986508 0.99419	ZB186004.	169.24	0.963147 1.012186	ZB186040.	169.6	0.994535 0.966822
0.972344 1.003764	ZB185136.	169.06	0.986895 0.996831	ZB186004.	169.24	0.965209 1.010783	ZB186040.	169.6	0.993373 0.967906
0.96972 1.004436	ZB185136.	169.06	0.988044 1.000993	ZB186004.	169.24	0.969869 1.008924	ZB186040.	169.6	0.990396 0.970757
0.96752 1.004688	ZB185136.	169.06	0.989801 1.003488	ZB186004.	169.24	0.97492 1.008419	ZB186040.	169.6	0.98669 0.97451
0.965868 1.00431	ZB185136.	169.06	0.99214 1.0042	ZB186004.	169.24	0.979788 1.009195	ZB186040.	169.6	0.982649 0.979004
0.964877 1.003106	ZB185136.	169.06	0.994818 1.003249	ZB186004.	169.24	0.983848 1.010867	ZB186040.	169.6	0.978895 0.98392
0.964605 1.000967	ZB185136.	169.06	0.997435 1.000982	ZB186004.	169.24	0.986659 1.012765	ZB186040.	169.6	0.976132 0.988866
0.964989 0.99794	ZB185136.	169.06	0.999563 0.997908	ZB186004.	169.24	0.988148 1.01407	ZB186040.	169.6	0.974959 0.993474
0.965827 0.994257	ZB185136.	169.06	1.000903 0.994615	ZB186004.	169.24	0.988646 1.014018	ZB186040.	169.6	0.975702 0.997472
0.966784 0.990289	ZB185136.	169.06	1.001386 0.991672	ZB186004.	169.24	0.988727 1.012161	ZB186040.	169.6	0.978308 1.000709
0.967495 0.986424	ZB185136.	169.06	1.00116 0.989557	ZB186004.	169.24	0.98893 1.00857	ZB186040.	169.6	0.982347 1.003112
0.967669 0.982929	ZB185136.	169.06	1.000476 0.98861	ZB186004.	169.24	0.989521 1.003877	ZB186040.	169.6	0.987113 1.004638
0.967159 0.979831	ZB185136.	169.06	0.999556 0.98898	ZB186004.	169.24	0.990386 0.999139	ZB186040.	169.6	0.991815 1.005228
0.965964 0.976924	ZB185136.	169.06	0.998492 0.990573	ZB186004.	169.24	0.99112 0.995509	ZB186040.	169.6	0.995799 1.004823
0.964167 0.973902	ZB185136.	169.06	0.997246 0.993017	ZB186004.	169.24	0.991246 0.99385	ZB186040.	169.6	0.998719 1.00334
0.961877 0.97059	ZB185136.	169.06	0.995748 0.995708	ZB186004.	169.24	0.990429 0.994464	ZB186040.	169.6	1.000558 1.000746
0.959222 0.96714	ZB185136.	169.06	0.99402 0.997971	ZB186004.	169.24	0.98857 0.997061	ZB186040.	169.6	1.001513 0.997073
0.956361 0.964071	ZB185136.	169.06	0.992255 0.999283	ZB186004.	169.24	0.985797 1.000956	ZB186040.	169.6	1.001795 0.992475
0.953457 0.96206	ZB185136.	169.06	0.990763 0.999468	ZB186004.	169.24	0.982388 1.005332	ZB186040.	169.6	1.001498 0.987283
0.950623 0.961546	ZB185136.	169.06	0.989816 0.998711	ZB186004.	169.24	0.978686 1.009409	ZB186040.	169.6	1.000556 0.982052
0.947856 0.962397	ZB185136.	169.06	0.98946 0.997374	ZB186004.	169.24	0.975082 1.012413	ZB186040.	169.6	0.998899 0.977489
0.945044 0.96382	ZB185136.	169.06	0.989432 0.995717	ZB186004.	169.24	0.972041 1.013521	ZB186040.	169.6	0.996572 0.974305
0.942061 0.964647	ZB185136.	169.06	0.989258 0.993699	ZB186004.	169.24	0.970097 1.011968	ZB186040.	169.6	0.993779 0.972969
0.938891 0.963818	ZB185136.	169.06	0.988488 0.991003	ZB186004.	169.24	0.969722 1.007354	ZB186040.	169.6	0.990769 0.973498
0.935698 0.960824	ZB185136.	169.06	0.986943 0.987274	ZB186004.	169.24	0.971092 1.000016	ZB186040.	169.6	0.987679 0.975382
0.932745 0.955887	ZB185136.	169.06	0.984762 0.982407	ZB186004.	169.24	0.97388 0.991148	ZB186040.	169.6	0.984469 0.977709
0.93022 0.949764	ZB185136.	169.06	0.982231 0.976699	ZB186004.	169.24	0.97725 0.98244	ZB186040.	169.6	0.980999 0.979504
0.928086 0.943295	ZB185136.	169.06	0.979461 0.970714	ZB186004.	169.24	0.980103 0.975386	ZB186040.	169.6	0.977222 0.980088
0.926063 0.936975	ZB185136.	169.06	0.97619 0.964978	ZB186004.	169.24	0.981492 0.970597	ZB186040.	169.6	0.973322 0.979338
0.923784 0.93079	ZB185136.	169.06	0.971839 0.959707	ZB186004.	169.24	0.980945 0.967632	ZB186040.	169.6	0.969679 0.977499
0.920961 0.924386	ZB185136.	169.06	0.965827 0.954766	ZB186004.	169.24	0.978531 0.965394	ZB186040.	169.6	0.966653 0.975057
0.917454 0.917429	ZB185136.	169.06	0.957942 0.949887	ZB186004.	169.24	0.974638 0.962828	ZB186040.	169.6	0.964343 0.972382
0.913203 0.909894	ZB185136.	169.06	0.948532 0.944963	ZB186004.	169.24	0.969621 0.95935	ZB186040.	169.6	0.96246 0.969582
0.908135 0.902122	ZB185136.	169.06	0.938411 0.940169	ZB186004.	169.24	0.963525 0.95486	ZB186040.	169.6	0.960426 0.966511
0.902158 0.894607	ZB185136.	169.06	0.928561 0.935814	ZB186004.	169.24	0.956082 0.949401	ZB186040.	169.6	0.957652 0.962907
0.895262 0.887675	ZB185136.	169.06	0.919821 0.932028	ZB186004.	169.24	0.947012 0.942863	ZB186040.	169.6	0.953852 0.958547
0.887621 0.881321	ZB185136.	169.06	0.9127 0.928539	ZB186004.	169.24	0.936408 0.935024	ZB186040.	169.6	0.949161 0.953329
0.879576 0.875287	ZB185136.	169.06	0.907362 0.924723	ZB186004.	169.24	0.924954 0.925888	ZB186040.	169.6	0.944028 0.947306
0.87147 0.869305	ZB185136.	169.06	0.90369 0.919908	ZB186004.	169.24	0.913829 0.915947	ZB186040.	169.6	0.938945 0.940677
0.863445 0.863237	ZB185136.	169.06	0.901306 0.913757	ZB186004.	169.24	0.904265 0.906061	ZB186040.	169.6	0.934147 0.933738
0.855321 0.857015	ZB185136.	169.06	0.899558 0.906431	ZB186004.	169.24	0.896932 0.896997	ZB186040.	169.6	0.929477 0.926769
0.846696 0.850429	ZB185136.	169.06	0.897531 0.898432	ZB186004.	169.24	0.891497 0.888922	ZB186040.	169.6	0.924476 0.919886
0.837184 0.843003	ZB185136.	169.06	0.894179 0.890206	ZB186004.	169.24	0.88663 0.881275	ZB186040.	169.6	0.9186 0.912949
0.826651 0.834127	ZB185136.	169.06	0.888585 0.881799	ZB186004.	169.24	0.880509 0.873095	ZB186040.	169.6	0.911427 0.905608
0.815297 0.823454	ZB185136.	169.06	0.880219 0.872794	ZB186004.	169.24	0.871623 0.863597	ZB186040.	169.6	0.902765 0.89749
0.803563 0.811268	ZB185136.	169.06	0.869095 0.862623	ZB186004.	169.24	0.859424 0.852583	ZB186040.	169.6	0.89264 0.888424
0.791921 0.798534	ZB185136.	169.06	0.855768 0.851028	ZB186004.	169.24	0.844515 0.840487	ZB186040.	169.6	0.881254 0.878574
0.780677 0.786495	ZB185136.	169.06	0.841182 0.838348	ZB186004.	169.24	0.828296 0.828098	ZB186040.	169.6	0.868974 0.868361
0.769927 0.776073	ZB185136.	169.06	0.8264 0.825418	ZB186004.	169.24	0.812258 0.816179	ZB186040.	169.6	0.856327 0.858216
0.759663 0.767473	ZB185136.	169.06	0.812356 0.81319	ZB186004.	169.24	0.797421 0.805235	ZB186040.	169.6	0.843939 0.848372
0.749909 0.760212	ZB185136.	169.06	0.799666 0.802324	ZB186004.	169.24	0.784119 0.795491	ZB186040.	169.6	0.832392 0.83882
0.740783 0.753487	ZB185136.	169.06	0.788528 0.792962	ZB186004.	169.24	0.772215 0.786939	ZB186040.	169.6	0.822047 0.829446
0.732456 0.746652	ZB185136.	169.06	0.778728 0.784781	ZB186004.	169.24	0.761471 0.779345	ZB186040.	169.6	0.812923 0.820199
0.725043 0.739462	ZB185136.	169.06	0.769786 0.777252	ZB186004.	169.24	0.751808 0.772274	ZB186040.	169.6	0.804724 0.811174
0.718514 0.732056	ZB185136.	169.06	0.761201 0.769921	ZB186004.	169.24	0.743325 0.765188	ZB186040.	169.6	0.797039 0.802573
0.712672 0.724736	ZB185136.	169.06	0.752682 0.762558	ZB186004.	169.24	0.73616 0.757659	ZB186040.	169.6	0.789601 0.794604
0.707215 0.717755	ZB185136.	169.06	0.74423 0.755154	ZB186004.	169.24	0.730277 0.749572	ZB186040.	169.6	0.782453 0.787376
0.701841 0.711239	ZB185136.	169.06	0.736062 0.747787	ZB186004.	169.24	0.725338 0.741207	ZB186040.	169.6	0.775895 0.780856
0.696367 0.705228	ZB185136.	169.06	0.728434 0.740489	ZB186004.	169.24	0.720704 0.73306	ZB186040.	169.6	0.770254 0.774869
0.69081 0.699775	ZB185136.	169.06	0.72149 0.73318	ZB186004.	169.24	0.715597 0.725509	ZB186040.	169.6	0.765598 0.769112
0.685382 0.694999	ZB185136.	169.06	0.715226 0.725695	ZB186004.	169.24	0.709353 0.718544	ZB186040.	169.6	0.761587 0.763192
0.680437 0.691048	ZB185136.	169.06	0.709555 0.717884	ZB186004.	169.24	0.701705 0.711751	ZB186040.	169.6	0.757585 0.756728
0.676361 0.687987	ZB185136.	169.06	0.704398 0.709754	ZB186004.	169.24	0.692946 0.704599	ZB186040.	169.6	0.752975 0.749514
0.673397 0.685674	ZB185136.	169.06	0.699691 0.701572	ZB186004.	169.24	0.68398 0.696795	ZB186040.	169.6	0.747484 0.741658
0.671462 0.683705	ZB185136.	169.06	0.695326 0.693858	ZB186004.	169.24	0.675568 0.688523	ZB186040.	169.6	0.741318 0.733597
0.670076 0.681495	ZB185136.	169.06	0.691128 0.687254	ZB186004.	169.24	0.668811 0.680375	ZB186040.	169.6	0.735036 0.725966
0.668475 0.678446	ZB185136.	169.06	0.686916 0.682272	ZB186004.	169.24	0.663922 0.67305	ZB186040.	169.6	0.729216 0.719351
0.66586 0.674149	ZB185136.	169.06	0.682573 0.678998	ZB186004.	169.24	0.660592 0.66696	ZB186040.	169.6	0.724146 0.71405
0.661713 0.668526	ZB185136.	169.06	0.678043 0.676932	ZB186004.	169.24	0.658049 0.66198	ZB186040.	169.6	0.719678 0.709918
0.655995 0.661853	ZB185136.	169.06	0.673242 0.675076	ZB186004.	169.24	0.655328 0.657393	ZB186040.	169.6	0.715333 0.706371
0.649127 0.654631	ZB185136.	169.06	0.667949 0.672248	ZB186004.	169.24	0.651546 0.652155	ZB186040.	169.6	0.710548 0.702567
0.641789 0.647351	ZB185136.	169.06	0.661739 0.667453	ZB186004.	169.24	0.646077 0.645319	ZB186040.	169.6	0.704868 0.697621
0.634666 0.640217	ZB185136.	169.06	0.654012 0.660136	ZB186004.	169.24	0.638648 0.636523	ZB186040.	169.6	0.697937 0.690849
0.628267 0.632948	ZB185136.	169.06	0.644111 0.650249	ZB186004.	169.24	0.629359 0.626339	ZB186040.	169.6	0.689329 0.681926
0.622871 0.624735	ZB185136.	169.06	0.631424 0.638121	ZB186004.	169.24	0.618642 0.616283	ZB186040.	169.6	0.678384 0.67091
0.618566 0.614424	ZB185136.	169.06	0.615433 0.624221	ZB186004.	169.24	0.607109 0.608472	ZB186040.	169.6	0.664227 0.658127
0.615313 0.600843	ZB185136.	169.06	0.595719 0.608						

50	name.61	depth.61	RawTest1. RawTest2.61	name.62	depth.62	RawTest1. RawTest2.62	name.63	depth.63	RawTest1. RawTest2.63	name.64
	ZB186076.	169.96	0.993763 1.002353	ZB186148.	170.68	0.986021 0.997977	ZB187040.	171.1	0.979828 1.036069	ZB192100.
	ZB186076.	169.96	0.994448 1.001472	ZB186148.	170.68	0.985903 0.997988	ZB187040.	171.1	0.979014 1.035407	ZB192100.
	ZB186076.	169.96	0.995399 0.999221	ZB186148.	170.68	0.986185 0.99758	ZB187040.	171.1	0.977556 1.033024	ZB192100.
	ZB186076.	169.96	0.995467 0.996353	ZB186148.	170.68	0.987121 0.996631	ZB187040.	171.1	0.976429 1.029068	ZB192100.
	ZB186076.	169.96	0.994334 0.993135	ZB186148.	170.68	0.988589 0.995321	ZB187040.	171.1	0.975801 1.023633	ZB192100.
	ZB186076.	169.96	0.991904 0.990069	ZB186148.	170.68	0.990384 0.993993	ZB187040.	171.1	0.975875 1.017234	ZB192100.
	ZB186076.	169.96	0.988392 0.987763	ZB186148.	170.68	0.992245 0.993059	ZB187040.	171.1	0.976847 1.010743	ZB192100.
	ZB186076.	169.96	0.984325 0.986703	ZB186148.	170.68	0.993901 0.99284	ZB187040.	171.1	0.978835 1.005167	ZB192100.
	ZB186076.	169.96	0.980433 0.98704	ZB186148.	170.68	0.995118 0.993443	ZB187040.	171.1	0.981793 1.001368	ZB192100.
	ZB186076.	169.96	0.977432 0.988487	ZB186148.	170.68	0.995745 0.994692	ZB187040.	171.1	0.985476 0.999744	ZB192100.
	ZB186076.	169.96	0.975789 0.990427	ZB186148.	170.68	0.995765 0.996187	ZB187040.	171.1	0.989453 1.000055	ZB192100.
	ZB186076.	169.96	0.97556 0.992181	ZB186148.	170.68	0.995313 0.997425	ZB187040.	171.1	0.993216 1.001477	ZB192100.
	ZB186076.	169.96	0.97639 0.993288	ZB186148.	170.68	0.994645 0.997944	ZB187040.	171.1	0.996323 1.002891	ZB192100.
	ZB186076.	169.96	0.977685 0.993685	ZB186148.	170.68	0.994062 0.997449	ZB187040.	171.1	0.998509 1.003368	ZB192100.
	ZB186076.	169.96	0.978902 0.993671	ZB186148.	170.68	0.993797 0.995885	ZB187040.	171.1	0.999719 1.00262	ZB192100.
	ZB186076.	169.96	0.979761 0.9937	ZB186148.	170.68	0.993922 0.993532	ZB187040.	171.1	1.000034 1.001154	ZB192100.
	ZB186076.	169.96	0.980306 0.994164	ZB186148.	170.68	0.994292 0.991001	ZB187040.	171.1	0.99959 1.000042	ZB192100.
	ZB186076.	169.96	0.980778 0.995255	ZB186148.	170.68	0.994578 0.989103	ZB187040.	171.1	0.998539 1.000366	ZB192100.
	ZB186076.	169.96	0.981396 0.996956	ZB186148.	170.68	0.994394 0.988587	ZB187040.	171.1	0.997117 1.002563	ZB192100.
	ZB186076.	169.96	0.982189 0.999059	ZB186148.	170.68	0.993465 0.98978	ZB187040.	171.1	0.995675 1.006093	ZB192100.
	ZB186076.	169.96	0.982963 1.001149	ZB186148.	170.68	0.991734 0.992315	ZB187040.	171.1	0.994579 1.009558	ZB192100.
	ZB186076.	169.96	0.983399 1.002595	ZB186148.	170.68	0.989345 0.995082	ZB187040.	171.1	0.993988 1.011293	ZB192100.
	ZB186076.	169.96	0.9832 1.002632	ZB186148.	170.68	0.986519 0.996497	ZB187040.	171.1	0.993631 1.010075	ZB192100.
	ZB186076.	169.96	0.982221 1.000634	ZB186148.	170.68	0.98342 0.995095	ZB187040.	171.1	0.992806 1.005673	ZB192100.
	ZB186076.	169.96	0.980508 0.996439	ZB186148.	170.68	0.980123 0.989992	ZB187040.	171.1	0.990676 0.998921	ZB192100.
	ZB186076.	169.96	0.978245 0.990546	ZB186148.	170.68	0.976661 0.981294	ZB187040.	171.1	0.98673 0.991353	ZB192100.
	ZB186076.	169.96	0.975662 0.983976	ZB186148.	170.68	0.97312 0.970034	ZB187040.	171.1	0.981133 0.984588	ZB192100.
	ZB186076.	169.96	0.972944 0.977835	ZB186148.	170.68	0.969666 0.957802	ZB187040.	171.1	0.974688 0.979704	ZB192100.
	ZB186076.	169.96	0.970181 0.972828	ZB186148.	170.68	0.966486 0.946281	ZB187040.	171.1	0.968399 0.976907	ZB192100.
	ZB186076.	169.96	0.967404 0.969008	ZB186148.	170.68	0.963639 0.936866	ZB187040.	171.1	0.962983 0.975555	ZB192100.
	ZB186076.	169.96	0.964657 0.965917	ZB186148.	170.68	0.960945 0.930452	ZB187040.	171.1	0.958572 0.974501	ZB192100.
	ZB186076.	169.96	0.962042 0.963004	ZB186148.	170.68	0.957999 0.927379	ZB187040.	171.1	0.954808 0.972635	ZB192100.
	ZB186076.	169.96	0.959666 0.95995	ZB186148.	170.68	0.954339 0.927416	ZB187040.	171.1	0.951196 0.969343	ZB192100.
	ZB186076.	169.96	0.957516 0.956675	ZB186148.	170.68	0.949654 0.929735	ZB187040.	171.1	0.947367 0.964673	ZB192100.
	ZB186076.	169.96	0.955387 0.953108	ZB186148.	170.68	0.943906 0.932933	ZB187040.	171.1	0.943097 0.959146	ZB192100.
	ZB186076.	169.96	0.952912 0.948982	ZB186148.	170.68	0.937296 0.935255	ZB187040.	171.1	0.938161 0.953334	ZB192100.
	ZB186076.	169.96	0.949721 0.943885	ZB186148.	170.68	0.930091 0.935079	ZB187040.	171.1	0.932188 0.947518	ZB192100.
	ZB186076.	169.96	0.945587 0.937522	ZB186148.	170.68	0.922464 0.931479	ZB187040.	171.1	0.924737 0.941613	ZB192100.
	ZB186076.	169.96	0.940445 0.929986	ZB186148.	170.68	0.914427 0.924589	ZB187040.	171.1	0.91556 0.935324	ZB192100.
	ZB186076.	169.96	0.934265 0.921798	ZB186148.	170.68	0.905876 0.915508	ZB187040.	171.1	0.904865 0.92838	ZB192100.
	ZB186076.	169.96	0.926919 0.913604	ZB186148.	170.68	0.896702 0.905671	ZB187040.	171.1	0.893332 0.920614	ZB192100.
	ZB186076.	169.96	0.918215 0.905779	ZB186148.	170.68	0.886902 0.896121	ZB187040.	171.1	0.881859 0.911862	ZB192100.
	ZB186076.	169.96	0.908105 0.89815	ZB186148.	170.68	0.876614 0.887009	ZB187040.	171.1	0.871191 0.901875	ZB192100.
	ZB186076.	169.96	0.896921 0.890085	ZB186148.	170.68	0.866095 0.877756	ZB187040.	171.1	0.861622 0.890381	ZB192100.
	ZB186076.	169.96	0.885377 0.880875	ZB186148.	170.68	0.855595 0.867584	ZB187040.	171.1	0.852925 0.877343	ZB192100.
	ZB186076.	169.96	0.874248 0.870201	ZB186148.	170.68	0.845238 0.85611	ZB187040.	171.1	0.84453 0.863187	ZB192100.
	ZB186076.	169.96	0.863962 0.858435	ZB186148.	170.68	0.834971 0.843596	ZB187040.	171.1	0.835804 0.848823	ZB192100.
	ZB186076.	169.96	0.85437 0.846575	ZB186148.	170.68	0.824683 0.83078	ZB187040.	171.1	0.826306 0.835327	ZB192100.
	ZB186076.	169.96	0.844871 0.835843	ZB186148.	170.68	0.81439 0.818477	ZB187040.	171.1	0.815948 0.823496	ZB192100.
	ZB186076.	169.96	0.834807 0.827123	ZB186148.	170.68	0.804352 0.807197	ZB187040.	171.1	0.805045 0.813539	ZB192100.
	ZB186076.	169.96	0.823881 0.820592	ZB186148.	170.68	0.794987 0.797033	ZB187040.	171.1	0.794207 0.80511	ZB192100.
	ZB186076.	169.96	0.812329 0.81567	ZB186148.	170.68	0.78664 0.78779	ZB187040.	171.1	0.784138 0.797629	ZB192100.
	ZB186076.	169.96	0.800761 0.811355	ZB186148.	170.68	0.779324 0.779201	ZB187040.	171.1	0.775363 0.790617	ZB192100.
	ZB186076.	169.96	0.789843 0.806689	ZB186148.	170.68	0.772611 0.77111	ZB187040.	171.1	0.768022 0.783871	ZB192100.
	ZB186076.	169.96	0.780063 0.80113	ZB186148.	170.68	0.765799 0.763528	ZB187040.	171.1	0.761835 0.777386	ZB192100.
	ZB186076.	169.96	0.771666 0.794687	ZB186148.	170.68	0.758243 0.756583	ZB187040.	171.1	0.756277 0.771211	ZB192100.
	ZB186076.	169.96	0.764704 0.787761	ZB186148.	170.68	0.749714 0.750419	ZB187040.	171.1	0.750843 0.765368	ZB192100.
	ZB186076.	169.96	0.759086 0.78083	ZB186148.	170.68	0.740531 0.745074	ZB187040.	171.1	0.745274 0.759852	ZB192100.
	ZB186076.	169.96	0.754576 0.77422	ZB186148.	170.68	0.73137 0.740406	ZB187040.	171.1	0.739629 0.754614	ZB192100.
	ZB186076.	169.96	0.75077 0.76805	ZB186148.	170.68	0.722915 0.736116	ZB187040.	171.1	0.734152 0.749509	ZB192100.
	ZB186076.	169.96	0.747168 0.7623	ZB186148.	170.68	0.715529 0.731869	ZB187040.	171.1	0.729032 0.744253	ZB192100.
	ZB186076.	169.96	0.743322 0.756899	ZB186148.	170.68	0.70917 0.727438	ZB187040.	171.1	0.724228 0.738478	ZB192100.
	ZB186076.	169.96	0.739003 0.751745	ZB186148.	170.68	0.70354 0.722766	ZB187040.	171.1	0.71948 0.731905	ZB192100.
	ZB186076.	169.96	0.734268 0.746654	ZB186148.	170.68	0.698356 0.71179	ZB187040.	171.1	0.714483 0.724519	ZB192100.
	ZB186076.	169.96	0.729396 0.741342	ZB186148.	170.68	0.69355 0.712878	ZB187040.	171.1	0.70909 0.71663	ZB192100.
	ZB186076.	169.96	0.724685 0.735493	ZB186148.	170.68	0.689304 0.707679	ZB187040.	171.1	0.703435 0.708776	ZB192100.
	ZB186076.	169.96	0.720239 0.728884	ZB186148.	170.68	0.685892 0.702301	ZB187040.	171.1	0.697845 0.701496	ZB192100.
	ZB186076.	169.96	0.715855 0.721494	ZB186148.	170.68	0.683417 0.696871	ZB187040.	171.1	0.692605 0.69513	ZB192100.
	ZB186076.	169.96	0.711047 0.713494	ZB186148.	170.68	0.681577 0.691608	ZB187040.	171.1	0.687706 0.689711	ZB192100.
	ZB186076.	169.96	0.705225 0.705151	ZB186148.	170.68	0.679574 0.686595	ZB187040.	171.1	0.682732 0.685012	ZB192100.
	ZB186076.	169.96	0.697917 0.696713	ZB186148.	170.68	0.676274 0.681515	ZB187040.	171.1	0.676979 0.680661	ZB192100.
	ZB186076.	169.96	0.688898 0.688287	ZB186148.	170.68	0.670563 0.675535	ZB187040.	171.1	0.669774 0.676205	ZB192100.
	ZB186076.	169.96	0.678102 0.679766	ZB186148.	170.68	0.661741 0.667468	ZB187040.	171.1	0.660861 0.671034	ZB192100.
	ZB186076.	169.96	0.66539 0.67078	ZB186148.	170.68	0.64974 0.656121	ZB187040.	171.1	0.650629 0.664257	ZB192100.
	ZB186076.	169.96	0.650325 0.6607	ZB186148.	170.68	0.635107 0.64066	ZB187040.	171.1	0.640077 0.654634	ZB192100.
	ZB186076.	169.96	0.63213 0.648716	ZB186148.	170.68	0.618747 0.620799	ZB187040.	171.1	0.630477 0.64071	ZB192100.
	ZB186076.	169.96	0.609902 0.633995	ZB186148.	170.68	0.601557 0.59675	ZB187040.	171.1	0.622292 0.621134	ZB192100.

depth.64	RawTest1.	RawTest2.64	name.65	depth.65	RawTest1.	RawTest2.65	name.66	depth.66	RawTest1.	RawTest2.66	name.67	depth.67	RawTest1.
179.7	0.960271	1.013465	ZB192136.	180.06	0.983961	0.96038	ZB193011.	181.15	0.983039	0.996688	ZB193016.	180.36	1.014264
179.7	0.960848	1.015359	ZB192136.	180.06	0.984936	0.963602	ZB193011.	181.15	0.984142	0.997301	ZB193016.	180.36	1.013514
179.7	0.962996	1.017992	ZB192136.	180.06	0.987056	0.970092	ZB193011.	181.15	0.98601	0.998004	ZB193016.	180.36	1.011554
179.7	0.966441	1.018874	ZB192136.	180.06	0.989459	0.976219	ZB193011.	181.15	0.987609	0.99776	ZB193016.	180.36	1.009332
179.7	0.970928	1.018026	ZB192136.	180.06	0.992149	0.98162	ZB193011.	181.15	0.989145	0.996297	ZB193016.	180.36	1.007326
179.7	0.975984	1.015791	ZB192136.	180.06	0.995069	0.986043	ZB193011.	181.15	0.990741	0.993502	ZB193016.	180.36	1.005901
179.7	0.981058	1.012761	ZB192136.	180.06	0.998089	0.989463	ZB193011.	181.15	0.992358	0.989499	ZB193016.	180.36	1.005123
179.7	0.985686	1.009631	ZB192136.	180.06	1.001016	0.992096	ZB193011.	181.15	0.993794	0.98469	ZB193016.	180.36	1.004714
179.7	0.989591	1.006985	ZB192136.	180.06	1.003631	0.994275	ZB193011.	181.15	0.994723	0.97971	ZB193016.	180.36	1.004195
179.7	0.992678	1.005101	ZB192136.	180.06	1.005728	0.996259	ZB193011.	181.15	0.99479	0.975309	ZB193016.	180.36	1.003172
179.7	0.994977	1.003856	ZB192136.	180.06	1.007172	0.998099	ZB193011.	181.15	0.99369	0.972147	ZB193016.	180.36	1.001599
179.7	0.996556	1.002804	ZB192136.	180.06	1.007912	0.999615	ZB193011.	181.15	0.991255	0.9706	ZB193016.	180.36	0.999855
179.7	0.997458	1.001406	ZB192136.	180.06	1.007943	1.000521	ZB193011.	181.15	0.987556	0.970639	ZB193016.	180.36	0.998569
179.7	0.997681	0.999332	ZB192136.	180.06	1.007242	1.000593	ZB193011.	181.15	0.982997	0.971826	ZB193016.	180.36	0.998284
179.7	0.997163	0.996678	ZB192136.	180.06	1.005723	0.999782	ZB193011.	181.15	0.978318	0.973482	ZB193016.	180.36	0.999136
179.7	0.995794	0.993972	ZB192136.	180.06	1.00327	0.998187	ZB193011.	181.15	0.974439	0.974965	ZB193016.	180.36	1.000761
179.7	0.993472	0.991886	ZB192136.	180.06	0.999854	0.995942	ZB193011.	181.15	0.972195	0.975939	ZB193016.	180.36	1.002472
179.7	0.990191	0.990829	ZB192136.	180.06	0.99565	0.993105	ZB193011.	181.15	0.972024	0.976493	ZB193016.	180.36	1.00361
179.7	0.986146	0.990585	ZB192136.	180.06	0.991098	0.989668	ZB193011.	181.15	0.973807	0.977006	ZB193016.	180.36	1.003788
179.7	0.981761	0.990304	ZB192136.	180.06	0.986832	0.985653	ZB193011.	181.15	0.97696	0.977849	ZB193016.	180.36	1.002918
179.7	0.977576	0.988861	ZB192136.	180.06	0.98347	0.981248	ZB193011.	181.15	0.980688	0.979093	ZB193016.	180.36	1.001018
179.7	0.973999	0.985408	ZB192136.	180.06	0.981335	0.976852	ZB193011.	181.15	0.984258	0.98041	ZB193016.	180.36	0.998006
179.7	0.971025	0.979841	ZB192136.	180.06	0.980223	0.972971	ZB193011.	181.15	0.987181	0.981217	ZB193016.	180.36	0.993681
179.7	0.968112	0.972853	ZB192136.	180.06	0.979393	0.969977	ZB193011.	181.15	0.989245	0.981007	ZB193016.	180.36	0.987891
179.7	0.964326	0.96562	ZB192136.	180.06	0.977783	0.967872	ZB193011.	181.15	0.990447	0.979612	ZB193016.	180.36	0.980765
179.7	0.958679	0.959184	ZB192136.	180.06	0.974617	0.966245	ZB193011.	181.15	0.990897	0.977253	ZB193016.	180.36	0.972834
179.7	0.950551	0.953951	ZB192136.	180.06	0.969288	0.96446	ZB193011.	181.15	0.990702	0.974371	ZB193016.	180.36	0.964977
179.7	0.940028	0.949524	ZB192136.	180.06	0.962004	0.962012	ZB193011.	181.15	0.98985	0.971374	ZB193016.	180.36	0.958193
179.7	0.927941	0.94504	ZB192136.	180.06	0.953499	0.958755	ZB193011.	181.15	0.98815	0.968493	ZB193016.	180.36	0.953246
179.7	0.915632	0.939707	ZB192136.	180.06	0.94477	0.954892	ZB193011.	181.15	0.985273	0.965813	ZB193016.	180.36	0.950377
179.7	0.904468	0.933263	ZB192136.	180.06	0.93665	0.950733	ZB193011.	181.15	0.980934	0.96338	ZB193016.	180.36	0.949179
179.7	0.895395	0.926027	ZB192136.	180.06	0.929519	0.946388	ZB193011.	181.15	0.975128	0.961256	ZB193016.	180.36	0.948724
179.7	0.888603	0.91856	ZB192136.	180.06	0.923197	0.941615	ZB193011.	181.15	0.968287	0.95945	ZB193016.	180.36	0.947885
179.7	0.883487	0.911185	ZB192136.	180.06	0.917087	0.935927	ZB193011.	181.15	0.961158	0.957774	ZB193016.	180.36	0.945702
179.7	0.878856	0.903711	ZB192136.	180.06	0.910486	0.928821	ZB193011.	181.15	0.954449	0.955731	ZB193016.	180.36	0.941736
179.7	0.873347	0.895554	ZB192136.	180.06	0.902863	0.919979	ZB193011.	181.15	0.948456	0.952606	ZB193016.	180.36	0.93618
179.7	0.865918	0.886171	ZB192136.	180.06	0.894027	0.909353	ZB193011.	181.15	0.942971	0.947717	ZB193016.	180.36	0.929706
179.7	0.856215	0.875507	ZB192136.	180.06	0.884058	0.897118	ZB193011.	181.15	0.937494	0.940664	ZB193016.	180.36	0.923165
179.7	0.844684	0.864119	ZB192136.	180.06	0.873101	0.883582	ZB193011.	181.15	0.931594	0.931473	ZB193016.	180.36	0.917241
179.7	0.832306	0.852818	ZB192136.	180.06	0.861161	0.869123	ZB193011.	181.15	0.925141	0.920574	ZB193016.	180.36	0.912224
179.7	0.820069	0.842094	ZB192136.	180.06	0.848014	0.854138	ZB193011.	181.15	0.91825	0.908643	ZB193016.	180.36	0.90792
179.7	0.808488	0.831704	ZB192136.	180.06	0.833344	0.839006	ZB193011.	181.15	0.911	0.896445	ZB193016.	180.36	0.903714
179.7	0.797407	0.820731	ZB192136.	180.06	0.81701	0.824005	ZB193011.	181.15	0.903236	0.88469	ZB193016.	180.36	0.898788
179.7	0.786214	0.808107	ZB192136.	180.06	0.799311	0.809261	ZB193011.	181.15	0.894607	0.873969	ZB193016.	180.36	0.892363
179.7	0.774295	0.793309	ZB192136.	180.06	0.781053	0.79475	ZB193011.	181.15	0.884823	0.864672	ZB193016.	180.36	0.883997
179.7	0.761432	0.776806	ZB192136.	180.06	0.763296	0.780411	ZB193011.	181.15	0.8739	0.856885	ZB193016.	180.36	0.873793
179.7	0.747896	0.759979	ZB192136.	180.06	0.746961	0.766231	ZB193011.	181.15	0.8622	0.850309	ZB193016.	180.36	0.862413
179.7	0.734222	0.74453	ZB192136.	180.06	0.732464	0.752289	ZB193011.	181.15	0.850264	0.844288	ZB193016.	180.36	0.850866
179.7	0.720866	0.731815	ZB192136.	180.06	0.719652	0.73872	ZB193011.	181.15	0.83858	0.838004	ZB193016.	180.36	0.840121
179.7	0.708004	0.722294	ZB192136.	180.06	0.707959	0.725651	ZB193011.	181.15	0.827481	0.830775	ZB193016.	180.36	0.830737
179.7	0.695604	0.71542	ZB192136.	180.06	0.696744	0.713143	ZB193011.	181.15	0.817192	0.82235	ZB193016.	180.36	0.822773
179.7	0.683655	0.709939	ZB192136.	180.06	0.685561	0.701183	ZB193011.	181.15	0.807911	0.813032	ZB193016.	180.36	0.815928
179.7	0.672356	0.704441	ZB192136.	180.06	0.674308	0.689733	ZB193011.	181.15	0.799793	0.803554	ZB193016.	180.36	0.809759
179.7	0.662083	0.697926	ZB192136.	180.06	0.663141	0.678802	ZB193011.	181.15	0.792855	0.794735	ZB193016.	180.36	0.803843
179.7	0.653177	0.690129	ZB192136.	180.06	0.652291	0.668454	ZB193011.	181.15	0.786865	0.7871	ZB193016.	180.36	0.797854
179.7	0.645716	0.681448	ZB192136.	180.06	0.64188	0.658766	ZB193011.	181.15	0.78137	0.780662	ZB193016.	180.36	0.791568
179.7	0.639416	0.67259	ZB192136.	180.06	0.631852	0.649751	ZB193011.	181.15	0.775862	0.774963	ZB193016.	180.36	0.78488
179.7	0.633739	0.664092	ZB192136.	180.06	0.622033	0.641326	ZB193011.	181.15	0.769969	0.769345	ZB193016.	180.36	0.777856
179.7	0.628126	0.655981	ZB192136.	180.06	0.612287	0.633323	ZB193011.	181.15	0.763572	0.763292	ZB193016.	180.36	0.770809
179.7	0.622218	0.647762	ZB192136.	180.06	0.602638	0.625533	ZB193011.	181.15	0.756805	0.756671	ZB193016.	180.36	0.764234
179.7	0.615944	0.638696	ZB192136.	180.06	0.593292	0.61778	ZB193011.	181.15	0.749992	0.749754	ZB193016.	180.36	0.7586
179.7	0.609462	0.628258	ZB192136.	180.06	0.584532	0.609965	ZB193011.	181.15	0.743516	0.743008	ZB193016.	180.36	0.75407
179.7	0.602998	0.616469	ZB192136.	180.06	0.576579	0.602067	ZB193011.	181.15	0.73769	0.736786	ZB193016.	180.36	0.750307
179.7	0.596677	0.603949	ZB192136.	180.06	0.569536	0.594105	ZB193011.	181.15	0.732658	0.731125	ZB193016.	180.36	0.746542
179.7	0.590403	0.591717	ZB192136.	180.06	0.563408	0.58613	ZB193011.	181.15	0.72833	0.725721	ZB193016.	180.36	0.741925
179.7	0.583913	0.580879	ZB192136.	180.06	0.558164	0.578241	ZB193011.	181.15	0.724378	0.720113	ZB193016.	180.36	0.735945
179.7	0.576903	0.572309	ZB192136.	180.06	0.553714	0.570582	ZB193011.	181.15	0.720323	0.713935	ZB193016.	180.36	0.728706
179.7	0.569209	0.566425	ZB192136.	180.06	0.5498	0.563285	ZB193011.	181.15	0.715678	0.707118	ZB193016.	180.36	0.720856
179.7	0.560919	0.563107	ZB192136.	180.06	0.545899	0.556373	ZB193011.	181.15	0.710098	0.699925	ZB193016.	180.36	0.71322
179.7	0.552394	0.561736	ZB192136.	180.06	0.541281	0.549703	ZB193011.	181.15	0.703482	0.692804	ZB193016.	180.36	0.706377
179.7	0.544161	0.561											

RawTest2.67	name.68	depth.68	RawTest1. RawTest2.68	name.69	depth.69	RawTest1. RawTest2.69	name.70	depth.70	RawTest1. RawTest2.70
1.000578	ZB193028.	180.48	0.953339 0.97252	ZB193040.	180.6	1.062258 0.984515	ZB193100.	181.2	0.996892 0.997613
1.001945	ZB193028.	180.48	0.956165 0.976068	ZB193040.	180.6	1.060348 0.985084	ZB193100.	181.2	0.997705 0.996707
1.004859	ZB193028.	180.48	0.961642 0.983344	ZB193040.	180.6	1.056113 0.986164	ZB193100.	181.2	0.999384 0.994388
1.008167	ZB193028.	180.48	0.966959 0.990764	ZB193040.	180.6	1.051073 0.987114	ZB193100.	181.2	1.001065 0.99143
1.011894	ZB193028.	180.48	0.972172 0.997757	ZB193040.	180.6	1.045155 0.987955	ZB193100.	181.2	1.002578 0.988096
1.01585	ZB193028.	180.48	0.977353 1.003558	ZB193040.	180.6	1.038629 0.988762	ZB193100.	181.2	1.003679 0.984852
1.019595	ZB193028.	180.48	0.982543 1.007445	ZB193040.	180.6	1.032085 0.989624	ZB193100.	181.2	1.004104 0.98226
1.022485	ZB193028.	180.48	0.987692 1.008986	ZB193040.	180.6	1.026241 0.990576	ZB193100.	181.2	1.003642 0.980792
1.023809	ZB193028.	180.48	0.992626 1.008205	ZB193040.	180.6	1.021683 0.99155	ZB193100.	181.2	1.002178 0.980665
1.023003	ZB193028.	180.48	0.997018 1.005532	ZB193040.	180.6	1.018599 0.992377	ZB193100.	181.2	0.999782 0.981746
1.019863	ZB193028.	180.48	1.0004 1.001655	ZB193040.	180.6	1.016679 0.992874	ZB193100.	181.2	0.99677 0.983573
1.014658	ZB193028.	180.48	1.002238 0.997271	ZB193040.	180.6	1.015235 0.992926	ZB193100.	181.2	0.993738 0.98547
1.008123	ZB193028.	180.48	1.002061 0.992936	ZB193040.	180.6	1.013479 0.992586	ZB193100.	181.2	0.991469 0.986766
1.001278	ZB193028.	180.48	0.99966 0.989001	ZB193040.	180.6	1.010827 0.992116	ZB193100.	181.2	0.990741 0.987007
0.99507	ZB193028.	180.48	0.995261 0.985649	ZB193040.	180.6	1.007136 0.991927	ZB193100.	181.2	0.992008 0.986133
0.990087	ZB193028.	180.48	0.989548 0.982936	ZB193040.	180.6	1.002718 0.992464	ZB193100.	181.2	0.995128 0.984501
0.98644	ZB193028.	180.48	0.983479 0.980783	ZB193040.	180.6	0.9982 0.994085	ZB193100.	181.2	0.999256 0.982767
0.9839	ZB193028.	180.48	0.977887 0.978947	ZB193040.	180.6	0.994248 0.996949	ZB193100.	181.2	1.003016 0.981631
0.982202	ZB193028.	180.48	0.973117 0.977059	ZB193040.	180.6	0.991278 1.000931	ZB193100.	181.2	1.00493 0.98157
0.981273	ZB193028.	180.48	0.968924 0.974741	ZB193040.	180.6	0.989303 1.005572	ZB193100.	181.2	1.004001 0.982673
0.98126	ZB193028.	180.48	0.964712 0.971788	ZB193040.	180.6	0.987996 1.010064	ZB193100.	181.2	1.000169 0.984636
0.982286	ZB193028.	180.48	0.959976 0.968261	ZB193040.	180.6	0.986979 1.013359	ZB193100.	181.2	0.99446 0.986909
0.98415	ZB193028.	180.48	0.954612 0.964435	ZB193040.	180.6	0.98617 1.014422	ZB193100.	181.2	0.98864 0.988921
0.986198	ZB193028.	180.48	0.94895 0.960561	ZB193040.	180.6	0.985957 1.012621	ZB193100.	181.2	0.984536 0.990299
0.987524	ZB193028.	180.48	0.943487 0.956612	ZB193040.	180.6	0.987038 1.008071	ZB193100.	181.2	0.983261 0.991008
0.987309	ZB193028.	180.48	0.938543 0.952174	ZB193040.	180.6	0.989973 1.001771	ZB193100.	181.2	0.984759 0.991372
0.985145	ZB193028.	180.48	0.934053 0.946588	ZB193040.	180.6	0.994669 0.995338	ZB193100.	181.2	0.987941 0.991932
0.981125	ZB193028.	180.48	0.929642 0.93933	ZB193040.	180.6	1.000164 0.990409	ZB193100.	181.2	0.991254 0.993187
0.975683	ZB193028.	180.48	0.924894 0.930386	ZB193040.	180.6	1.004908 0.987947	ZB193100.	181.2	0.993439 0.995346
0.96933	ZB193028.	180.48	0.919549 0.920388	ZB193040.	180.6	1.007433 0.987919	ZB193100.	181.2	0.994028 0.998226
0.962457	ZB193028.	180.48	0.913543 0.910425	ZB193040.	180.6	1.00711 0.989476	ZB193100.	181.2	0.993384 1.001322
0.955275	ZB193028.	180.48	0.906937 0.901577	ZB193040.	180.6	1.004541 0.991493	ZB193100.	181.2	0.992316 1.004002
0.947904	ZB193028.	180.48	0.899814 0.894411	ZB193040.	180.6	1.001303 0.993062	ZB193100.	181.2	0.991613 1.005725
0.940503	ZB193028.	180.48	0.892234 0.888711	ZB193040.	180.6	0.99913 0.993737	ZB193100.	181.2	0.991766 1.006208
0.933327	ZB193028.	180.48	0.884264 0.883593	ZB193040.	180.6	0.999056 0.993484	ZB193100.	181.2	0.992932 1.005481
0.926757	ZB193028.	180.48	0.876052 0.877978	ZB193040.	180.6	1.00094 0.992538	ZB193100.	181.2	0.995022 1.003847
0.921246	ZB193028.	180.48	0.867843 0.871197	ZB193040.	180.6	1.003657 0.991302	ZB193100.	181.2	0.997784 1.001764
0.917155	ZB193028.	180.48	0.859936 0.863326	ZB193040.	180.6	1.005795 0.990296	ZB193100.	181.2	1.000821 0.999711
0.914561	ZB193028.	180.48	0.852602 0.855095	ZB193040.	180.6	1.006369 0.990022	ZB193100.	181.2	1.003626 0.99804
0.913066	ZB193028.	180.48	0.845981 0.847398	ZB193040.	180.6	1.00522 0.990703	ZB193100.	181.2	1.005695 0.996868
0.911747	ZB193028.	180.48	0.839995 0.840696	ZB193040.	180.6	1.002868 0.992007	ZB193100.	181.2	1.006681 0.996038
0.909333	ZB193028.	180.48	0.834296 0.834721	ZB193040.	180.6	1.000047 0.993033	ZB193100.	181.2	1.00646 0.995156
0.904572	ZB193028.	180.48	0.82829 0.828625	ZB193040.	180.6	0.997238 0.992629	ZB193100.	181.2	1.005085 0.993711
0.896708	ZB193028.	180.48	0.82131 0.821463	ZB193040.	180.6	0.994452 0.989947	ZB193100.	181.2	1.002661 0.991252
0.885833	ZB193028.	180.48	0.81289 0.812712	ZB193040.	180.6	0.99135 0.984876	ZB193100.	181.2	0.999255 0.987566
0.872865	ZB193028.	180.48	0.802978 0.802541	ZB193040.	180.6	0.987538 0.978068	ZB193100.	181.2	0.994912 0.982763
0.859208	ZB193028.	180.48	0.791967 0.791671	ZB193040.	180.6	0.982834 0.970596	ZB193100.	181.2	0.989755 0.977255
0.846262	ZB193028.	180.48	0.780523 0.780962	ZB193040.	180.6	0.977344 0.963457	ZB193100.	181.2	0.98409 0.971623
0.834994	ZB193028.	180.48	0.769329 0.770967	ZB193040.	180.6	0.971401 0.957234	ZB193100.	181.2	0.978414 0.966465
0.825707	ZB193028.	180.48	0.758864 0.761734	ZB193040.	180.6	0.96542 0.952083	ZB193100.	181.2	0.973306 0.962258
0.818087	ZB193028.	180.48	0.749336 0.752919	ZB193040.	180.6	0.959791 0.947947	ZB193100.	181.2	0.96924 0.959298
0.811417	ZB193028.	180.48	0.740741 0.744084	ZB193040.	180.6	0.954807 0.944769	ZB193100.	181.2	0.966408 0.957678
0.804893	ZB193028.	180.48	0.732958 0.735003	ZB193040.	180.6	0.950625 0.942506	ZB193100.	181.2	0.964664 0.95731
0.79792	ZB193028.	180.48	0.725799 0.725786	ZB193040.	180.6	0.947239 0.941018	ZB193100.	181.2	0.963635 0.95794
0.790288	ZB193028.	180.48	0.718997 0.716781	ZB193040.	180.6	0.944483 0.939978	ZB193100.	181.2	0.962935 0.95916
0.782223	ZB193028.	180.48	0.712207 0.708355	ZB193040.	180.6	0.942085 0.938925	ZB193100.	181.2	0.962358 0.96044
0.774249	ZB193028.	180.48	0.705083 0.700732	ZB193040.	180.6	0.939749 0.937466	ZB193100.	181.2	0.961943 0.961249
0.766937	ZB193028.	180.48	0.697412 0.693979	ZB193040.	180.6	0.937262 0.935515	ZB193100.	181.2	0.961883 0.961295
0.760669	ZB193028.	180.48	0.689259 0.688138	ZB193040.	180.6	0.934547 0.933397	ZB193100.	181.2	0.962343 0.960567
0.755568	ZB193028.	180.48	0.681022 0.683335	ZB193040.	180.6	0.93167 0.931686	ZB193100.	181.2	0.963306 0.959409
0.751568	ZB193028.	180.48	0.673307 0.67974	ZB193040.	180.6	0.928751 0.930851	ZB193100.	181.2	0.964515 0.958233
0.748514	ZB193028.	180.48	0.666692 0.677351	ZB193040.	180.6	0.925866 0.930899	ZB193100.	181.2	0.965573 0.957247
0.746174	ZB193028.	180.48	0.661446 0.675796	ZB193040.	180.6	0.923008 0.931264	ZB193100.	181.2	0.966077 0.956301
0.744152	ZB193028.	180.48	0.657383 0.674309	ZB193040.	180.6	0.920166 0.931024	ZB193100.	181.2	0.965744 0.955017
0.741802	ZB193028.	180.48	0.653945 0.672015	ZB193040.	180.6	0.91744 0.929322	ZB193100.	181.2	0.964451 0.953095
0.738332	ZB193028.	180.48	0.650469 0.668324	ZB193040.	180.6	0.91511 0.925764	ZB193100.	181.2	0.962217 0.950589
0.733137	ZB193028.	180.48	0.64648 0.663194	ZB193040.	180.6	0.913523 0.920571	ZB193100.	181.2	0.959187 0.94792
0.726157	ZB193028.	180.48	0.641877 0.657045	ZB193040.	180.6	0.912866 0.914399	ZB193100.	181.2	0.955624 0.945632
0.717975	ZB193028.	180.48	0.636888 0.650443	ZB193040.	180.6	0.912934 0.907985	ZB193100.	181.2	0.951871 0.944065
0.709515	ZB193028.	180.48	0.631897 0.643808	ZB193040.	180.6	0.913061 0.901827	ZB193100.	181.2	0.948251 0.943172
0.701531	ZB193028.	180.48	0.627223 0.637335	ZB193040.	180.6	0.912321 0.896097	ZB193100.	181.2	0.944941 0.942577
0.694298	ZB193028.	180.48	0.623015 0.631115	ZB193040.	180.6	0.909963 0.890753	ZB193100.	181.2	0.941948 0.941757
0.687787	ZB193028.	180.48	0.619321 0.625307	ZB193040.	180.6	0.905852 0.885727	ZB193100.	181.2	0.939211 0.94014
0.682212	ZB193028.	180.48	0.616249 0.620168	ZB193040.	180.6	0.900703 0.881045	ZB193100.	181.2	0.936817 0.937019
0.678546	ZB193028.	180.48	0.61407 0.615895	ZB193040.	180.6	0.895951 0.876825	ZB193100.	181.2	0.935178 0.931416
0.678578	ZB193028.	180.48	0.613173 0.612405	ZB193040.	180.6	0.893336 0.873194	ZB193100.	181.2	0.935033 0.922052
0.684381	ZB193028.	180.48	0.613898 0.60926	ZB193040.	180.6	0.894332 0.870191	ZB193100.	181.2	0.93724 0.907609

name.71	depth.71	RawTest1.71	RawTest2.71	name.72	depth.72	RawTest1.72	RawTest2.72	name.73	depth.73	RawTest1.73	RawTest2.73	name.74	depth.74
ZB194064.	182.34	0.968406	0.996873	ZB194084.	182.53	1.034239	1.033646	ZB195004.	183.24	1.036005	0.994523	ZB195124.	184.44
ZB194064.	182.34	0.967662	0.99576	ZB194084.	182.53	1.030844	1.031147	ZB195004.	183.24	1.034142	0.994119	ZB195124.	184.44
ZB194064.	182.34	0.966986	0.993757	ZB194084.	182.53	1.023954	1.026042	ZB195004.	183.24	1.029956	0.993191	ZB195124.	184.44
ZB194064.	182.34	0.967289	0.992156	ZB194084.	182.53	1.016963	1.020869	ZB195004.	183.24	1.02519	0.992296	ZB195124.	184.44
ZB194064.	182.34	0.968409	0.991198	ZB194084.	182.53	1.010107	1.015902	ZB195004.	183.24	1.020013	0.991708	ZB195124.	184.44
ZB194064.	182.34	0.970185	0.991106	ZB194084.	182.53	1.003776	1.011429	ZB195004.	183.24	1.014713	0.99169	ZB195124.	184.44
ZB194064.	182.34	0.972556	0.99197	ZB194084.	182.53	0.998424	1.0076	ZB195004.	183.24	1.009662	0.992396	ZB195124.	184.44
ZB194064.	182.34	0.975565	0.993638	ZB194084.	182.53	0.994473	1.004338	ZB195004.	183.24	1.005293	0.993794	ZB195124.	184.44
ZB194064.	182.34	0.979259	0.995683	ZB194084.	182.53	0.992238	1.001377	ZB195004.	183.24	1.002051	0.99566	ZB195124.	184.44
ZB194064.	182.34	0.983525	0.997475	ZB194084.	182.53	0.991856	0.998426	ZB195004.	183.24	1.000304	0.997653	ZB195124.	184.44
ZB194064.	182.34	0.987986	0.998401	ZB194084.	182.53	0.993208	0.995378	ZB195004.	183.24	1.00022	0.999454	ZB195124.	184.44
ZB194064.	182.34	0.992038	0.998113	ZB194084.	182.53	0.995865	0.992412	ZB195004.	183.24	1.001654	1.000897	ZB195124.	184.44
ZB194064.	182.34	0.995048	0.996715	ZB194084.	182.53	0.999088	0.989897	ZB195004.	183.24	1.00408	1.002042	ZB195124.	184.44
ZB194064.	182.34	0.996627	0.994796	ZB194084.	182.53	1.001963	0.988163	ZB195004.	183.24	1.006678	1.00312	ZB195124.	184.44
ZB194064.	182.34	0.996811	0.993233	ZB194084.	182.53	1.003671	0.98727	ZB195004.	183.24	1.008552	1.004362	ZB195124.	184.44
ZB194064.	182.34	0.996001	0.992861	ZB194084.	182.53	1.00374	0.986904	ZB195004.	183.24	1.009024	1.005829	ZB195124.	184.44
ZB194064.	182.34	0.99474	0.994094	ZB194084.	182.53	1.002146	0.986485	ZB195004.	183.24	1.007864	1.007325	ZB195124.	184.44
ZB194064.	182.34	0.993423	0.996696	ZB194084.	182.53	0.999241	0.985412	ZB195004.	183.24	1.005373	1.008505	ZB195124.	184.44
ZB194064.	182.34	0.992165	0.999835	ZB194084.	182.53	0.995512	0.983348	ZB195004.	183.24	1.002259	1.009077	ZB195124.	184.44
ZB194064.	182.34	0.990917	1.002456	ZB194084.	182.53	0.991356	0.980397	ZB195004.	183.24	0.999384	1.008965	ZB195124.	184.44
ZB194064.	182.34	0.989676	1.003762	ZB194084.	182.53	0.986989	0.977112	ZB195004.	183.24	0.997506	1.008298	ZB195124.	184.44
ZB194064.	182.34	0.988618	1.003546	ZB194084.	182.53	0.982491	0.974332	ZB195004.	183.24	0.997031	1.007238	ZB195124.	184.44
ZB194064.	182.34	0.987998	1.002203	ZB194084.	182.53	0.977939	0.97284	ZB195004.	183.24	0.997893	1.005761	ZB195124.	184.44
ZB194064.	182.34	0.98791	1.00042	ZB194084.	182.53	0.973491	0.973014	ZB195004.	183.24	0.999551	1.003639	ZB195124.	184.44
ZB194064.	182.34	0.988149	0.998768	ZB194084.	182.53	0.96939	0.974601	ZB195004.	183.24	1.001172	1.000648	ZB195124.	184.44
ZB194064.	182.34	0.988317	0.997429	ZB194084.	182.53	0.965869	0.976738	ZB195004.	183.24	1.001943	0.996877	ZB195124.	184.44
ZB194064.	182.34	0.988145	0.996227	ZB194084.	182.53	0.96306	0.978256	ZB195004.	183.24	1.001406	0.992882	ZB195124.	184.44
ZB194064.	182.34	0.987773	0.994948	ZB194084.	182.53	0.960927	0.978103	ZB195004.	183.24	0.999647	0.989538	ZB195124.	184.44
ZB194064.	182.34	0.987749	0.993597	ZB194084.	182.53	0.959278	0.975675	ZB195004.	183.24	0.997215	0.98767	ZB195124.	184.44
ZB194064.	182.34	0.988674	0.992395	ZB194084.	182.53	0.957812	0.970912	ZB195004.	183.24	0.994825	0.987708	ZB195124.	184.44
ZB194064.	182.34	0.990736	0.991544	ZB194084.	182.53	0.956176	0.964178	ZB195004.	183.24	0.992986	0.989564	ZB195124.	184.44
ZB194064.	182.34	0.993497	0.991	ZB194084.	182.53	0.954007	0.956036	ZB195004.	183.24	0.991803	0.992765	ZB195124.	184.44
ZB194064.	182.34	0.996153	0.990484	ZB194084.	182.53	0.950957	0.947093	ZB195004.	183.24	0.991029	0.99669	ZB195124.	184.44
ZB194064.	182.34	0.998046	0.989717	ZB194084.	182.53	0.946695	0.937797	ZB195004.	183.24	0.990367	1.000677	ZB195124.	184.44
ZB194064.	182.34	0.999093	0.988719	ZB194084.	182.53	0.940971	0.929332	ZB195004.	183.24	0.989785	1.004023	ZB195124.	184.44
ZB194064.	182.34	0.999777	0.98789	ZB194084.	182.53	0.93372	0.921689	ZB195004.	183.24	0.989615	1.005954	ZB195124.	184.44
ZB194064.	182.34	1.000743	0.987785	ZB194084.	182.53	0.925186	0.915215	ZB195004.	183.24	0.990389	1.005825	ZB195124.	184.44
ZB194064.	182.34	1.002313	0.988755	ZB194084.	182.53	0.915973	0.909546	ZB195004.	183.24	0.992479	1.003482	ZB195124.	184.44
ZB194064.	182.34	1.004305	0.990727	ZB194084.	182.53	0.906947	0.903888	ZB195004.	183.24	0.995772	0.999554	ZB195124.	184.44
ZB194064.	182.34	1.006189	0.993242	ZB194084.	182.53	0.898926	0.897438	ZB195004.	183.24	0.999555	0.995367	ZB195124.	184.44
ZB194064.	182.34	1.007405	0.995661	ZB194084.	182.53	0.892328	0.889844	ZB195004.	183.24	1.002713	0.992365	ZB195124.	184.44
ZB194064.	182.34	1.007553	0.99733	ZB194084.	182.53	0.886969	0.881387	ZB195004.	183.24	1.004133	0.991362	ZB195124.	184.44
ZB194064.	182.34	1.006381	0.997707	ZB194084.	182.53	0.882138	0.872719	ZB195004.	183.24	1.00314	0.992027	ZB195124.	184.44
ZB194064.	182.34	1.00368	0.996407	ZB194084.	182.53	0.876885	0.864333	ZB195004.	183.24	0.999729	0.993103	ZB195124.	184.44
ZB194064.	182.34	0.999292	0.99327	ZB194084.	182.53	0.870351	0.856195	ZB195004.	183.24	0.99451	0.99302	ZB195124.	184.44
ZB194064.	182.34	0.993257	0.988463	ZB194084.	182.53	0.861975	0.847828	ZB195004.	183.24	0.988387	0.990785	ZB195124.	184.44
ZB194064.	182.34	0.985922	0.982544	ZB194084.	182.53	0.851545	0.838763	ZB195004.	183.24	0.982167	0.986436	ZB195124.	184.44
ZB194064.	182.34	0.977902	0.976389	ZB194084.	182.53	0.839182	0.82895	ZB195004.	183.24	0.976313	0.980907	ZB195124.	184.44
ZB194064.	182.34	0.969881	0.970903	ZB194084.	182.53	0.825325	0.818848	ZB195004.	183.24	0.970945	0.975472	ZB195124.	184.44
ZB194064.	182.34	0.962386	0.966645	ZB194084.	182.53	0.810699	0.809103	ZB195004.	183.24	0.966048	0.971114	ZB195124.	184.44
ZB194064.	182.34	0.955691	0.963604	ZB194084.	182.53	0.796224	0.800091	ZB195004.	183.24	0.961671	0.968175	ZB195124.	184.44
ZB194064.	182.34	0.949935	0.961283	ZB194084.	182.53	0.782813	0.791686	ZB195004.	183.24	0.957964	0.966403	ZB195124.	184.44
ZB194064.	182.34	0.945312	0.959055	ZB194084.	182.53	0.771088	0.783384	ZB195004.	183.24	0.955045	0.965215	ZB195124.	184.44
ZB194064.	182.34	0.942089	0.956525	ZB194084.	182.53	0.761167	0.774675	ZB195004.	183.24	0.952864	0.963982	ZB195124.	184.44
ZB194064.	182.34	0.940385	0.953701	ZB194084.	182.53	0.752704	0.765341	ZB195004.	183.24	0.951164	0.962193	ZB195124.	184.44
ZB194064.	182.34	0.939916	0.950883	ZB194084.	182.53	0.74515	0.75553	ZB195004.	183.24	0.949592	0.959542	ZB195124.	184.44
ZB194064.	182.34	0.939928	0.948361	ZB194084.	182.53	0.738072	0.745641	ZB195004.	183.24	0.947861	0.955984	ZB195124.	184.44
ZB194064.	182.34	0.93945	0.9462	ZB194084.	182.53	0.731342	0.736151	ZB195004.	183.24	0.945873	0.951788	ZB195124.	184.44
ZB194064.	182.34	0.937749	0.944251	ZB194084.	182.53	0.725088	0.727488	ZB195004.	183.24	0.94372	0.947504	ZB195124.	184.44
ZB194064.	182.34	0.934691	0.942359	ZB194084.	182.53	0.719525	0.719957	ZB195004.	183.24	0.941606	0.943793	ZB195124.	184.44
ZB194064.	182.34	0.930801	0.940538	ZB194084.	182.53	0.714797	0.713649	ZB195004.	183.24	0.939732	0.941151	ZB195124.	184.44
ZB194064.	182.34	0.927	0.93893	ZB194084.	182.53	0.710911	0.708367	ZB195004.	183.24	0.938205	0.939645	ZB195124.	184.44
ZB194064.	182.34	0.924151	0.937583	ZB194084.	182.53	0.707734	0.703661	ZB195004.	183.24	0.936985	0.938832	ZB195124.	184.44
ZB194064.	182.34	0.922662	0.936272	ZB194084.	182.53	0.704978	0.698967	ZB195004.	183.24	0.935861	0.937939	ZB195124.	184.44
ZB194064.	182.34	0.922315	0.934533	ZB194084.	182.53	0.702176	0.693855	ZB195004.	183.24	0.934505	0.936216	ZB195124.	184.44
ZB194064.	182.34	0.922391	0.931948	ZB194084.	182.53	0.698742	0.688198	ZB195004.	183.24	0.932584	0.933319	ZB195124.	184.44
ZB194064.	182.34	0.922017	0.928518	ZB194084.	182.53	0.694125	0.682197	ZB195004.	183.24	0.929941	0.929486	ZB195124.	184.44
ZB194064.	182.34	0.920535	0.924785	ZB194084.	182.53	0.688007	0.676241	ZB195004.	183.24	0.926748	0.925421	ZB195124.	184.44
ZB194064.	182.34	0.917781	0.921585	ZB194084.	182.53	0.680408	0.670729	ZB195004.	183.24	0.923521	0.921939	ZB195124.	184.44
ZB194064.	182.34	0.914072	0.919562	ZB194084.	182.53	0.671623	0.665953	ZB195004.	183.24	0.920932	0.919656	ZB195124.	184.44
Z													

RawTest1. RawTest2.74	name.75	depth.75	RawTest1. RawTest2.75	name.76	depth.76	RawTest1. RawTest2.76	name.77	depth.77	RawTest1. RawTest2.77
0.963224 1.004875	ZB202064.	192.34	1.01783 1.030538	ZB202078.	192.47	0.992022 0.981845	ZB203064.	193.84	0.99809 0.978635
0.964149 1.006875	ZB202064.	192.34	1.017297 1.027607	ZB202078.	192.47	0.989003 0.982245	ZB203064.	193.84	0.99791 0.977438
0.96676 1.009996	ZB202064.	192.34	1.01502 1.021725	ZB202078.	192.47	0.983753 0.983314	ZB203064.	193.84	0.997882 0.974972
0.970246 1.011659	ZB202064.	192.34	1.011198 1.01576	ZB202078.	192.47	0.979917 0.984711	ZB203064.	193.84	0.998411 0.972728
0.974233 1.011551	ZB202064.	192.34	1.006311 1.009885	ZB202078.	192.47	0.977852 0.986363	ZB203064.	193.84	0.999552 0.971129
0.97819 1.009646	ZB202064.	192.34	1.001294 1.004395	ZB202078.	192.47	0.977616 0.988194	ZB203064.	193.84	1.001193 0.970598
0.981601 1.006261	ZB202064.	192.34	0.997308 0.999681	ZB202078.	192.47	0.9789 0.990164	ZB203064.	193.84	1.003067 0.971406
0.984145 1.00201	ZB202064.	192.34	0.995387 0.996145	ZB202078.	192.47	0.981097 0.992252	ZB203064.	193.84	1.004833 0.97361
0.985776 0.99765	ZB202064.	192.34	0.996078 0.994077	ZB202078.	192.47	0.983477 0.994412	ZB203064.	193.84	1.006202 0.977089
0.986672 0.993868	ZB202064.	192.34	0.999238 0.993532	ZB202078.	192.47	0.985436 0.996505	ZB203064.	193.84	1.007073 0.981673
0.987105 0.991118	ZB202064.	192.34	1.004067 0.994256	ZB202078.	192.47	0.98669 0.998264	ZB203064.	193.84	1.007579 0.987253
0.987276 0.989593	ZB202064.	192.34	1.00933 0.995696	ZB202078.	192.47	0.987338 0.99934	ZB203064.	193.84	1.008 0.993755
0.987212 0.989291	ZB202064.	192.34	1.01369 0.997145	ZB202078.	192.47	0.987797 0.999393	ZB203064.	193.84	1.008611 1.00093
0.986766 0.990129	ZB202064.	192.34	1.016006 0.997965	ZB202078.	192.47	0.988612 0.998243	ZB203064.	193.84	1.009549 1.008121
0.985717 0.99199	ZB202064.	192.34	1.015545 0.997812	ZB202078.	192.47	0.990178 0.995999	ZB203064.	193.84	1.01076 1.014193
0.983918 0.994643	ZB202064.	192.34	1.012067 0.996726	ZB202078.	192.47	0.99251 0.993099	ZB203064.	193.84	1.012055 1.017815
0.981423 0.997633	ZB202064.	192.34	1.005839 0.995021	ZB202078.	192.47	0.995157 0.990235	ZB203064.	193.84	1.01318 1.017997
0.978545 1.000258	ZB202064.	192.34	0.997563 0.993085	ZB202078.	192.47	0.997339 0.988115	ZB203064.	193.84	1.013811 1.014629
0.975831 1.001783	ZB202064.	192.34	0.988211 0.991152	ZB202078.	192.47	0.998266 0.987175	ZB203064.	193.84	1.013543 1.008653
0.973926 1.001787	ZB202064.	192.34	0.978825 0.989263	ZB202078.	192.47	0.997482 0.987361	ZB203064.	193.84	1.011905 1.001738
0.973347 1.000452	ZB202064.	192.34	0.970294 0.987335	ZB202078.	192.47	0.994993 0.988103	ZB203064.	193.84	1.008529 0.995635
0.974233 0.99857	ZB202064.	192.34	0.963202 0.985255	ZB202078.	192.47	0.991233 0.988492	ZB203064.	193.84	1.003411 0.991577
0.976265 0.997187	ZB202064.	192.34	0.957712 0.98286	ZB202078.	192.47	0.986844 0.987601	ZB203064.	193.84	0.997116 0.98997
0.978688 0.997047	ZB202064.	192.34	0.953523 0.979809	ZB202078.	192.47	0.982458 0.984811	ZB203064.	193.84	0.990725 0.99049
0.980674 0.998227	ZB202064.	192.34	0.949906 0.975491	ZB202078.	192.47	0.97856 0.980005	ZB203064.	193.84	0.985508 0.992408
0.981762 1.000142	ZB202064.	192.34	0.945843 0.969133	ZB202078.	192.47	0.975406 0.973607	ZB203064.	193.84	0.982462 0.994892
0.982194 1.001948	ZB202064.	192.34	0.940277 0.960161	ZB202078.	192.47	0.97297 0.966482	ZB203064.	193.84	0.981963 0.997152
0.982823 1.00305	ZB202064.	192.34	0.93246 0.948677	ZB202078.	192.47	0.970945 0.959699	ZB203064.	193.84	0.983668 0.998534
0.984645 1.003377	ZB202064.	192.34	0.922281 0.935656	ZB202078.	192.47	0.968806 0.954238	ZB203064.	193.84	0.986708 0.998603
0.988176 1.003257	ZB202064.	192.34	0.910445 0.922687	ZB202078.	192.47	0.966 0.950652	ZB203064.	193.84	0.990036 0.997243
0.993124 1.003085	ZB202064.	192.34	0.898336 0.911277	ZB202078.	192.47	0.962215 0.948843	ZB203064.	193.84	0.992771 0.994687
0.998517 1.003059	ZB202064.	192.34	0.887493 0.902166	ZB202078.	192.47	0.957541 0.948062	ZB203064.	193.84	0.994381 0.991481
1.003191 1.003162	ZB202064.	192.34	0.878937 0.895024	ZB202078.	192.47	0.952394 0.947184	ZB203064.	193.84	0.994736 0.988291
1.00627 1.003309	ZB202064.	192.34	0.872706 0.886689	ZB202078.	192.47	0.947198 0.945123	ZB203064.	193.84	0.994089 0.985707
1.007356 1.003472	ZB202064.	192.34	0.867783 0.881798	ZB202078.	192.47	0.942046 0.941185	ZB203064.	193.84	0.992987 0.98405
1.006474 1.003608	ZB202064.	192.34	0.862528 0.873459	ZB202078.	192.47	0.936602 0.935207	ZB203064.	193.84	0.992108 0.983282
1.003904 1.003472	ZB202064.	192.34	0.855347 0.863575	ZB202078.	192.47	0.930334 0.927423	ZB203064.	193.84	0.991937 0.982989
1.000137 1.00258	ZB202064.	192.34	0.845298 0.852742	ZB202078.	192.47	0.922889 0.918257	ZB203064.	193.84	0.992461 0.982489
0.995897 1.000433	ZB202064.	192.34	0.832277 0.841845	ZB202078.	192.47	0.914302 0.90817	ZB203064.	193.84	0.993108 0.981037
0.992074 0.996919	ZB202064.	192.34	0.816842 0.831545	ZB202078.	192.47	0.904876 0.897629	ZB203064.	193.84	0.993056 0.978129
0.989472 0.992553	ZB202064.	192.34	0.799792 0.821916	ZB202078.	192.47	0.894869 0.887105	ZB203064.	193.84	0.991676 0.973693
0.988404 0.988269	ZB202064.	192.34	0.781833 0.81235	ZB202078.	192.47	0.884283 0.876991	ZB203064.	193.84	0.988865 0.968029
0.988426 0.984902	ZB202064.	192.34	0.763502 0.801809	ZB202078.	192.47	0.87295 0.867442	ZB203064.	193.84	0.984938 0.961541
0.988361 0.982641	ZB202064.	192.34	0.745267 0.789256	ZB202078.	192.47	0.860829 0.858277	ZB203064.	193.84	0.980237 0.954435
0.986766 0.980897	ZB202064.	192.34	0.727615 0.774132	ZB202078.	192.47	0.848261 0.849084	ZB203064.	193.84	0.974739 0.946633
0.982599 0.978663	ZB202064.	192.34	0.71102 0.75661	ZB202078.	192.47	0.835918 0.839472	ZB203064.	193.84	0.968029 0.937986
0.975712 0.975171	ZB202064.	192.34	0.695791 0.737519	ZB202078.	192.47	0.824519 0.829317	ZB203064.	193.84	0.959691 0.928599
0.966918 0.97041	ZB202064.	192.34	0.681962 0.718042	ZB202078.	192.47	0.814467 0.818833	ZB203064.	193.84	0.949831 0.919015
0.957625 0.965194	ZB202064.	192.34	0.669319 0.699297	ZB202078.	192.47	0.805665 0.808426	ZB203064.	193.84	0.939303 0.910045
0.949289 0.960735	ZB202064.	192.34	0.65757 0.681997	ZB202078.	192.47	0.797619 0.798448	ZB203064.	193.84	0.929439 0.902329
0.942943 0.958018	ZB202064.	192.34	0.646479 0.666345	ZB202078.	192.47	0.789718 0.789022	ZB203064.	193.84	0.9214 0.89592
0.938988 0.957382	ZB202064.	192.34	0.635843 0.652136	ZB202078.	192.47	0.781511 0.780035	ZB203064.	193.84	0.915595 0.890214
0.937219 0.958425	ZB202064.	192.34	0.625371 0.638931	ZB202078.	192.47	0.772829 0.771262	ZB203064.	193.84	0.911462 0.884254
0.937019 0.960228	ZB202064.	192.34	0.614615 0.626214	ZB202078.	192.47	0.763745 0.762514	ZB203064.	193.84	0.907771 0.877249
0.937603 0.961759	ZB202064.	192.34	0.60306 0.613508	ZB202078.	192.47	0.754468 0.753683	ZB203064.	193.84	0.903261 0.868938
0.938242 0.96224	ZB202064.	192.34	0.590402 0.600502	ZB202078.	192.47	0.745275 0.744709	ZB203064.	193.84	0.897194 0.859644
0.938442 0.961381	ZB202064.	192.34	0.576785 0.587134	ZB202078.	192.47	0.736446 0.73554	ZB203064.	193.84	0.889564 0.850023
0.93802 0.959387	ZB202064.	192.34	0.562824 0.573603	ZB202078.	192.47	0.728223 0.726149	ZB203064.	193.84	0.880952 0.840688
0.937072 0.956767	ZB202064.	192.34	0.549326 0.560294	ZB202078.	192.47	0.720754 0.716589	ZB203064.	193.84	0.872204 0.83194
0.935848 0.954046	ZB202064.	192.34	0.536943 0.547684	ZB202078.	192.47	0.71411 0.707052	ZB203064.	193.84	0.864103 0.823715
0.93458 0.951505	ZB202064.	192.34	0.525932 0.536242	ZB202078.	192.47	0.708317 0.697866	ZB203064.	193.84	0.857132 0.815685
0.933343 0.949103	ZB202064.	192.34	0.516157 0.526373	ZB202078.	192.47	0.703357 0.689432	ZB203064.	193.84	0.851359 0.807452
0.932022 0.946593	ZB202064.	192.34	0.507294 0.518335	ZB202078.	192.47	0.699085 0.682108	ZB203064.	193.84	0.846464 0.798771
0.93034 0.943737	ZB202064.	192.34	0.499049 0.5121	ZB202078.	192.47	0.695128 0.67609	ZB203064.	193.84	0.84188 0.789708
0.927794 0.94044	ZB202064.	192.34	0.491251 0.507199	ZB202078.	192.47	0.690914 0.671345	ZB203064.	193.84	0.836955 0.780651
0.923368 0.936621	ZB202064.	192.34	0.483819 0.502705	ZB202078.	192.47	0.685874 0.667602	ZB203064.	193.84	0.831059 0.772134
0.915017 0.931764	ZB202064.	192.34	0.476698 0.497457	ZB202078.	192.47	0.679756 0.66442	ZB203064.	193.84	0.823662 0.76458
0.899303 0.924285	ZB202064.	192.34	0.469797 0.490462	ZB202078.	192.47	0.672805 0.661312	ZB203064.	193.84	0.814415 0.758078
0.871681 0.911076	ZB202064.	192.34	0.462955 0.481264	ZB202078.	192.47	0.665659 0.657868	ZB203064.	193.84	0.803266 0.75235
0.82763 0.887622	ZB202064.	192.34	0.455928 0.470119	ZB202078.	192.47	0.658968 0.653799	ZB203064.	193.84	0.790565 0.746919
0.764373 0.848951	ZB202064.	192.34	0.44842 0.457863	ZB202078.	192.47	0.652955 0.648918	ZB203064.	193.84	0.777095 0.741398
0.682512 0.791377	ZB202064.	192.34	0.440118 0.445544	ZB202078.	192.47	0.647256 0.643122	ZB203064.	193.84	0.76397 0.735709
0.586643 0.714274	ZB202064.	192.34	0.430703 0.433988	ZB202078.	192.47	0.641153 0.636438	ZB203064.	193.84	0.752432 0.730085
0.484592 0.621045	ZB202064.	192.34	0.419832 0.423495	ZB202078.	192.47	0.63408 0.62912	ZB203064.	193.84	0.743627 0.72489
0.385503 0.518747	ZB202064.	192.34	0.407081 0.413739	ZB202078.	192.47	0.626101 0.62171	ZB203064.	193.84	0.738465 0.720358
0.297539 0.416178	ZB202064.	192.34	0.391945 0.403904	ZB202078.	192.47	0.618021 0.614967	ZB203064.	193.84	0.73754 0.716448

77	name.78	depth.78	RawTest1.	RawTest2.78	name.79	depth.79	RawTest1.	RawTest2.79	name.80	depth.80	RawTest1.	RawTest2.80	name.81
	ZB203124.	194.44	1.007575	1.002753	ZB204004.	194.74	0.964551	0.981202	ZB204064.	195.24	0.997195	0.983202	ZB204124.
	ZB203124.	194.44	1.003754	1.00296	ZB204004.	194.74	0.966735	0.982557	ZB204064.	195.24	0.99855	0.984521	ZB204124.
	ZB203124.	194.44	0.998035	1.003302	ZB204004.	194.74	0.971588	0.986505	ZB204064.	195.24	1.001328	0.987268	ZB204124.
	ZB203124.	194.44	0.995093	1.00356	ZB204004.	194.74	0.977081	0.991698	ZB204064.	195.24	1.004207	0.99028	ZB204124.
	ZB203124.	194.44	0.995149	1.003814	ZB204004.	194.74	0.982947	0.997222	ZB204064.	195.24	1.007024	0.993774	ZB204124.
	ZB203124.	194.44	0.99801	1.00419	ZB204004.	194.74	0.988658	1.001924	ZB204064.	195.24	1.009436	0.997874	ZB204124.
	ZB203124.	194.44	1.00307	1.004767	ZB204004.	194.74	0.993544	1.004776	ZB204064.	195.24	1.010993	1.002505	ZB204124.
	ZB203124.	194.44	1.009386	1.00548	ZB204004.	194.74	0.996988	1.005216	ZB204064.	195.24	1.011309	1.007327	ZB204124.
	ZB203124.	194.44	1.01582	1.00607	ZB204004.	194.74	0.998615	1.003327	ZB204064.	195.24	1.010245	1.011785	ZB204124.
	ZB203124.	194.44	1.021254	1.006159	ZB204004.	194.74	0.998405	0.999786	ZB204064.	195.24	1.008024	1.015275	ZB204124.
	ZB203124.	194.44	1.0248	1.005395	ZB204004.	194.74	0.99668	0.995596	ZB204064.	195.24	1.005223	1.017377	ZB204124.
	ZB203124.	194.44	1.025955	1.003615	ZB204004.	194.74	0.99397	0.991751	ZB204064.	195.24	1.002607	1.018019	ZB204124.
	ZB203124.	194.44	1.024666	1.000935	ZB204004.	194.74	0.99083	0.988916	ZB204064.	195.24	1.000853	1.017478	ZB204124.
	ZB203124.	194.44	1.021272	0.99769	ZB204004.	194.74	0.987681	0.987205	ZB204064.	195.24	1.000263	1.016184	ZB204124.
	ZB203124.	194.44	1.016338	0.994317	ZB204004.	194.74	0.984714	0.98618	ZB204064.	195.24	1.000558	1.014444	ZB204124.
	ZB203124.	194.44	1.010486	0.991229	ZB204004.	194.74	0.981897	0.985029	ZB204064.	195.24	1.000952	1.012251	ZB204124.
	ZB203124.	194.44	1.004265	0.988763	ZB204004.	194.74	0.979036	0.982886	ZB204064.	195.24	1.000374	1.009311	ZB204124.
	ZB203124.	194.44	0.998097	0.987207	ZB204004.	194.74	0.975887	0.979219	ZB204064.	195.24	0.997879	1.005283	ZB204124.
	ZB203124.	194.44	0.9923	0.986803	ZB204004.	194.74	0.972261	0.974073	ZB204064.	195.24	0.993071	1.000083	ZB204124.
	ZB203124.	194.44	0.987127	0.987671	ZB204004.	194.74	0.968118	0.96803	ZB204064.	195.24	0.986349	0.994018	ZB204124.
	ZB203124.	194.44	0.982785	0.989649	ZB204004.	194.74	0.963583	0.961943	ZB204064.	195.24	0.978886	0.987671	ZB204124.
	ZB203124.	194.44	0.979407	0.992186	ZB204004.	194.74	0.958878	0.956548	ZB204064.	195.24	0.97231	0.98161	ZB204124.
	ZB203124.	194.44	0.976986	0.99437	ZB204004.	194.74	0.954213	0.952199	ZB204064.	195.24	0.968135	0.976131	ZB204124.
	ZB203124.	194.44	0.975288	0.995192	ZB204004.	194.74	0.949681	0.9488	ZB204064.	195.24	0.967128	0.971206	ZB204124.
	ZB203124.	194.44	0.973816	0.993972	ZB204004.	194.74	0.945188	0.945951	ZB204064.	195.24	0.968919	0.966651	ZB204124.
	ZB203124.	194.44	0.971864	0.990532	ZB204004.	194.74	0.940436	0.943146	ZB204064.	195.24	0.971999	0.962368	ZB204124.
	ZB203124.	194.44	0.968725	0.985359	ZB204004.	194.74	0.934984	0.939864	ZB204064.	195.24	0.974216	0.958465	ZB204124.
	ZB203124.	194.44	0.964004	0.97929	ZB204004.	194.74	0.928418	0.935518	ZB204064.	195.24	0.973628	0.955127	ZB204124.
	ZB203124.	194.44	0.957838	0.973122	ZB204004.	194.74	0.920537	0.929439	ZB204064.	195.24	0.969272	0.952346	ZB204124.
	ZB203124.	194.44	0.950902	0.96729	ZB204004.	194.74	0.91151	0.920995	ZB204064.	195.24	0.961485	0.949716	ZB204124.
	ZB203124.	194.44	0.944092	0.9618	ZB204004.	194.74	0.901866	0.909891	ZB204064.	195.24	0.951653	0.94649	ZB204124.
	ZB203124.	194.44	0.938098	0.9564	ZB204004.	194.74	0.892246	0.896495	ZB204064.	195.24	0.941496	0.941902	ZB204124.
	ZB203124.	194.44	0.933069	0.950859	ZB204004.	194.74	0.883051	0.881874	ZB204064.	195.24	0.93229	0.935554	ZB204124.
	ZB203124.	194.44	0.928646	0.945106	ZB204004.	194.74	0.874217	0.86747	ZB204064.	195.24	0.924413	0.927642	ZB204124.
	ZB203124.	194.44	0.92424	0.939198	ZB204004.	194.74	0.865238	0.854528	ZB204064.	195.24	0.917349	0.918869	ZB204124.
	ZB203124.	194.44	0.919428	0.933146	ZB204004.	194.74	0.855469	0.843571	ZB204064.	195.24	0.910109	0.910045	ZB204124.
	ZB203124.	194.44	0.914144	0.92674	ZB204004.	194.74	0.844483	0.834221	ZB204064.	195.24	0.901749	0.901661	ZB204124.
	ZB203124.	194.44	0.908593	0.919549	ZB204004.	194.74	0.832222	0.825452	ZB204064.	195.24	0.891785	0.893666	ZB204124.
	ZB203124.	194.44	0.902974	0.911095	ZB204004.	194.74	0.818888	0.81608	ZB204064.	195.24	0.880306	0.885554	ZB204124.
	ZB203124.	194.44	0.897216	0.901103	ZB204004.	194.74	0.804664	0.8052	ZB204064.	195.24	0.867841	0.87664	ZB204124.
	ZB203124.	194.44	0.890887	0.889663	ZB204004.	194.74	0.789543	0.79237	ZB204064.	195.24	0.855081	0.866356	ZB204124.
	ZB203124.	194.44	0.883303	0.877178	ZB204004.	194.74	0.773408	0.777568	ZB204064.	195.24	0.842584	0.854421	ZB204124.
	ZB203124.	194.44	0.873773	0.864138	ZB204004.	194.74	0.756328	0.761047	ZB204064.	195.24	0.830572	0.840876	ZB204124.
	ZB203124.	194.44	0.861883	0.850863	ZB204004.	194.74	0.738775	0.743244	ZB204064.	195.24	0.818886	0.826026	ZB204124.
	ZB203124.	194.44	0.847683	0.837376	ZB204004.	194.74	0.721546	0.724776	ZB204064.	195.24	0.8071	0.810376	ZB204124.
	ZB203124.	194.44	0.831705	0.823479	ZB204004.	194.74	0.70539	0.706422	ZB204064.	195.24	0.794759	0.794598	ZB204124.
	ZB203124.	194.44	0.814815	0.808994	ZB204004.	194.74	0.690616	0.689074	ZB204064.	195.24	0.78163	0.779451	ZB204124.
	ZB203124.	194.44	0.797929	0.794022	ZB204004.	194.74	0.676988	0.673533	ZB204064.	195.24	0.767837	0.765633	ZB204124.
	ZB203124.	194.44	0.781754	0.779039	ZB204004.	194.74	0.664002	0.660316	ZB204064.	195.24	0.753822	0.753527	ZB204124.
	ZB203124.	194.44	0.766642	0.764754	ZB204004.	194.74	0.651368	0.649523	ZB204064.	195.24	0.740173	0.743029	ZB204124.
	ZB203124.	194.44	0.752662	0.751823	ZB204004.	194.74	0.639304	0.640839	ZB204064.	195.24	0.727378	0.73356	ZB204124.
	ZB203124.	194.44	0.739806	0.740569	ZB204004.	194.74	0.628411	0.633656	ZB204064.	195.24	0.715636	0.724312	ZB204124.
	ZB203124.	194.44	0.728163	0.730849	ZB204004.	194.74	0.619209	0.627258	ZB204064.	195.24	0.704782	0.714584	ZB204124.
	ZB203124.	194.44	0.717907	0.722149	ZB204004.	194.74	0.611687	0.621018	ZB204064.	195.24	0.694399	0.704044	ZB204124.
	ZB203124.	194.44	0.709088	0.713868	ZB204004.	194.74	0.605187	0.61452	ZB204064.	195.24	0.684044	0.692754	ZB204124.
	ZB203124.	194.44	0.701398	0.705587	ZB204004.	194.74	0.598695	0.607577	ZB204064.	195.24	0.673468	0.681008	ZB204124.
	ZB203124.	194.44	0.694126	0.697155	ZB204004.	194.74	0.591374	0.600165	ZB204064.	195.24	0.662692	0.6691	ZB204124.
	ZB203124.	194.44	0.686388	0.688599	ZB204004.	194.74	0.582943	0.592294	ZB204064.	195.24	0.651893	0.657183	ZB204124.
	ZB203124.	194.44	0.677519	0.679969	ZB204004.	194.74	0.573728	0.583931	ZB204064.	195.24	0.641185	0.645272	ZB204124.
	ZB203124.	194.44	0.667423	0.671265	ZB204004.	194.74	0.564383	0.575004	ZB204064.	195.24	0.63051	0.633331	ZB204124.
	ZB203124.	194.44	0.656633	0.662508	ZB204004.	194.74	0.55546	0.56551	ZB204064.	195.24	0.619687	0.621374	ZB204124.
	ZB203124.	194.44	0.64607	0.65384	ZB204004.	194.74	0.547132	0.555662	ZB204064.	195.24	0.608616	0.60953	ZB204124.
	ZB203124.	194.44	0.636667	0.645548	ZB204004.	194.74	0.539138	0.545955	ZB204064.	195.24	0.597465	0.598032	ZB204124.
	ZB203124.	194.44	0.629008	0.637953	ZB204004.	194.74	0.530978	0.537093	ZB204064.	195.24	0.58667	0.587178	ZB204124.
	ZB203124.	194.44	0.623148	0.63122	ZB204004.	194.74	0.5222	0.529708	ZB204064.	195.24	0.576767	0.577273	ZB204124.
	ZB203124.	194.44	0.61865	0.625258	ZB204004.	194.74	0.512683	0.524068	ZB204064.	195.24	0.568119	0.5686	ZB204124.
	ZB203124.	194.44	0.614784	0.619773	ZB204004.	194.74	0.502769	0.519908	ZB204064.	195.24	0.560716	0.561318	ZB204124.
	ZB203124.	194.44	0.610809	0.614455	ZB204004.	194.74	0.493186	0.516524	ZB204064.	195.24	0.554169	0.555356	ZB204124.
	ZB203124.	194.44	0.606254	0.609138	ZB204004.	194.74	0.484798	0.513081	ZB204064.	195.24	0.54785	0.550347	ZB204124.
	ZB203124.	194.44	0.60111	0.603826	ZB204004.	194.74	0.478268	0.508993	ZB204064.	195.24	0.541138	0.54573	ZB204124.
	ZB203124.	194.44	0.595849	0.59865	ZB204004.	194.74	0.473774	0.504139	ZB204064.	195.24	0.533637	0.54104	ZB204124.
	ZB203124.	194.44	0.591233	0.593916	ZB204004.	194.74	0.470957	0.498813	ZB204064.	195.24	0.525195	0.536172	ZB204124.
	ZB203124.	194.44	0.587967	0.590309	ZB204004.	194.74	0.469126	0.493437	ZB204064.	195.24	0.515723	0.531439	ZB204124.
	ZB203124.	194.44</											

depth.81	RawTest1. RawTest2.81	name.82	depth.82	RawTest1. RawTest2.82	name.83	depth.83	RawTest1. RawTest2.83	name.84	depth.84	RawTest1.
195.94	0.979182 0.96155	ZB45015.T	25.96	0.964952 0.951355	ZB46015.T	27.1	0.967194 1.010524	ZB51015.T	29.95	1.031404
195.94	0.980386 0.962566	ZB45015.T	25.96	0.967416 0.953109	ZB46015.T	27.1	0.971092 1.010223	ZB51015.T	29.95	1.029923
195.94	0.983598 0.965375	ZB45015.T	25.96	0.972219 0.955957	ZB46015.T	27.1	0.977704 1.008739	ZB51015.T	29.95	1.0261
195.94	0.9876 0.969128	ZB45015.T	25.96	0.976869 0.957956	ZB46015.T	27.1	0.982355 1.00597	ZB51015.T	29.95	1.02084
195.94	0.991799 0.97349	ZB45015.T	25.96	0.981254 0.959135	ZB46015.T	27.1	0.98463 1.001921	ZB51015.T	29.95	1.013887
195.94	0.995419 0.977982	ZB45015.T	25.96	0.985042 0.959598	ZB46015.T	27.1	0.984314 0.996748	ZB51015.T	29.95	1.005191
195.94	0.997718 0.982162	ZB45015.T	25.96	0.987685 0.959536	ZB46015.T	27.1	0.981454 0.990679	ZB51015.T	29.95	0.994883
195.94	0.998204 0.985782	ZB45015.T	25.96	0.988561 0.959192	ZB46015.T	27.1	0.976362 0.983929	ZB51015.T	29.95	0.983172
195.94	0.996794 0.988865	ZB45015.T	25.96	0.98721 0.958805	ZB46015.T	27.1	0.969542 0.976643	ZB51015.T	29.95	0.970233
195.94	0.993858 0.991645	ZB45015.T	25.96	0.98357 0.958508	ZB46015.T	27.1	0.961613 0.968866	ZB51015.T	29.95	0.956159
195.94	0.99015 0.994413	ZB45015.T	25.96	0.978092 0.958216	ZB46015.T	27.1	0.953222 0.960526	ZB51015.T	29.95	0.941028
195.94	0.986603 0.997319	ZB45015.T	25.96	0.971607 0.957596	ZB46015.T	27.1	0.945037 0.951482	ZB51015.T	29.95	0.925102
195.94	0.984084 1.00022	ZB45015.T	25.96	0.965021 0.956149	ZB46015.T	27.1	0.937739 0.941624	ZB51015.T	29.95	0.909048
195.94	0.983118 1.002649	ZB45015.T	25.96	0.958937 0.953432	ZB46015.T	27.1	0.931904 0.931028	ZB51015.T	29.95	0.89402
195.94	0.983695 1.003916	ZB45015.T	25.96	0.953416 0.949344	ZB46015.T	27.1	0.927823 0.920085	ZB51015.T	29.95	0.881479
195.94	0.985307 1.003362	ZB45015.T	25.96	0.947997 0.944315	ZB46015.T	27.1	0.925324 0.909504	ZB51015.T	29.95	0.872713
195.94	0.987073 1.00066	ZB45015.T	25.96	0.942008 0.939244	ZB46015.T	27.1	0.923698 0.900152	ZB51015.T	29.95	0.868241
195.94	0.98807 0.996054	ZB45015.T	25.96	0.934969 0.935125	ZB46015.T	27.1	0.921815 0.892781	ZB51015.T	29.95	0.867374
195.94	0.98758 0.990392	ZB45015.T	25.96	0.926987 0.932554	ZB46015.T	27.1	0.91847 0.88776	ZB51015.T	29.95	0.868278
195.94	0.985256 0.984882	ZB45015.T	25.96	0.918845 0.931351	ZB46015.T	27.1	0.912799 0.884967	ZB51015.T	29.95	0.868645
195.94	0.981126 0.980685	ZB45015.T	25.96	0.91171 0.930551	ZB46015.T	27.1	0.904628 0.88388	ZB51015.T	29.95	0.866595
195.94	0.975515 0.978471	ZB45015.T	25.96	0.906602 0.928837	ZB46015.T	27.1	0.894589 0.883754	ZB51015.T	29.95	0.861479
195.94	0.968945 0.978172	ZB45015.T	25.96	0.90381 0.925188	ZB46015.T	27.1	0.883928 0.883808	ZB51015.T	29.95	0.85402
195.94	0.96202 0.979051	ZB45015.T	25.96	0.902658 0.919391	ZB46015.T	27.1	0.874041 0.883367	ZB51015.T	29.95	0.845763
195.94	0.955358 0.980014	ZB45015.T	25.96	0.901725 0.912094	ZB46015.T	27.1	0.865948 0.88194	ZB51015.T	29.95	0.838216
195.94	0.949527 0.980056	ZB45015.T	25.96	0.899487 0.904434	ZB46015.T	27.1	0.859934 0.879292	ZB51015.T	29.95	0.83216
195.94	0.944963 0.978535	ZB45015.T	25.96	0.894964 0.897494	ZB46015.T	27.1	0.855508 0.875473	ZB51015.T	29.95	0.82748
195.94	0.941875 0.975271	ZB45015.T	25.96	0.888119 0.891859	ZB46015.T	27.1	0.851763 0.870795	ZB51015.T	29.95	0.823511
195.94	0.940178 0.970408	ZB45015.T	25.96	0.87978 0.887473	ZB46015.T	27.1	0.847964 0.865749	ZB51015.T	29.95	0.819587
195.94	0.939457 0.964193	ZB45015.T	25.96	0.871214 0.883775	ZB46015.T	27.1	0.844003 0.860876	ZB51015.T	29.95	0.815396
195.94	0.939024 0.956798	ZB45015.T	25.96	0.863539 0.879993	ZB46015.T	27.1	0.84048 0.856623	ZB51015.T	29.95	0.810973
195.94	0.938048 0.948316	ZB45015.T	25.96	0.857312 0.875434	ZB46015.T	27.1	0.83827 0.853224	ZB51015.T	29.95	0.806511
195.94	0.935751 0.938856	ZB45015.T	25.96	0.852437 0.869739	ZB46015.T	27.1	0.837872 0.850598	ZB51015.T	29.95	0.802173
195.94	0.931625 0.928681	ZB45015.T	25.96	0.848371 0.862988	ZB46015.T	27.1	0.838897 0.848354	ZB51015.T	29.95	0.798042
195.94	0.9256 0.918261	ZB45015.T	25.96	0.844428 0.855663	ZB46015.T	27.1	0.840047 0.845909	ZB51015.T	29.95	0.794159
195.94	0.918066 0.908214	ZB45015.T	25.96	0.840039 0.848416	ZB46015.T	27.1	0.83968 0.842763	ZB51015.T	29.95	0.79055
195.94	0.909671 0.89911	ZB45015.T	25.96	0.834853 0.841753	ZB46015.T	27.1	0.836597 0.83874	ZB51015.T	29.95	0.787157
195.94	0.901016 0.89128	ZB45015.T	25.96	0.828698 0.835775	ZB46015.T	27.1	0.830609 0.834093	ZB51015.T	29.95	0.783769
195.94	0.89241 0.884701	ZB45015.T	25.96	0.82156 0.830135	ZB46015.T	27.1	0.822557 0.829369	ZB51015.T	29.95	0.780064
195.94	0.883847 0.878989	ZB45015.T	25.96	0.81359 0.824207	ZB46015.T	27.1	0.813819 0.825014	ZB51015.T	29.95	0.77572
195.94	0.875141 0.87346	ZB45015.T	25.96	0.805066 0.817401	ZB46015.T	27.1	0.805564 0.820984	ZB51015.T	29.95	0.770586
195.94	0.866062 0.867256	ZB45015.T	25.96	0.796321 0.809447	ZB46015.T	27.1	0.79825 0.816621	ZB51015.T	29.95	0.764714
195.94	0.856356 0.859467	ZB45015.T	25.96	0.787601 0.800504	ZB46015.T	27.1	0.791543 0.810883	ZB51015.T	29.95	0.75825
195.94	0.845683 0.84932	ZB45015.T	25.96	0.778971 0.791042	ZB46015.T	27.1	0.784651 0.802835	ZB51015.T	29.95	0.751275
195.94	0.833662 0.836412	ZB45015.T	25.96	0.770321 0.781566	ZB46015.T	27.1	0.776807 0.792088	ZB51015.T	29.95	0.743743
195.94	0.820072 0.820955	ZB45015.T	25.96	0.761469 0.772391	ZB46015.T	27.1	0.767606 0.778993	ZB51015.T	29.95	0.735555
195.94	0.805117 0.803866	ZB45015.T	25.96	0.752328 0.763555	ZB46015.T	27.1	0.75708 0.764525	ZB51015.T	29.95	0.726713
195.94	0.789543 0.786624	ZB45015.T	25.96	0.742971 0.754915	ZB46015.T	27.1	0.74558 0.749991	ZB51015.T	29.95	0.717426
195.94	0.774466 0.770806	ZB45015.T	25.96	0.733622 0.746298	ZB46015.T	27.1	0.733611 0.736701	ZB51015.T	29.95	0.708056
195.94	0.760901 0.757545	ZB45015.T	25.96	0.724534 0.737651	ZB46015.T	27.1	0.721703 0.725694	ZB51015.T	29.95	0.698942
195.94	0.749308 0.74712	ZB45015.T	25.96	0.715869 0.729103	ZB46015.T	27.1	0.710379 0.717545	ZB51015.T	29.95	0.690252
195.94	0.739464 0.738961	ZB45015.T	25.96	0.70769 0.720946	ZB46015.T	27.1	0.700125 0.712272	ZB51015.T	29.95	0.681995
195.94	0.730706 0.732036	ZB45015.T	25.96	0.700066 0.713525	ZB46015.T	27.1	0.691344 0.709352	ZB51015.T	29.95	0.674167
195.94	0.722369 0.725392	ZB45015.T	25.96	0.693152 0.707109	ZB46015.T	27.1	0.684277 0.70787	ZB51015.T	29.95	0.666901
195.94	0.714109 0.718581	ZB45015.T	25.96	0.68716 0.701784	ZB46015.T	27.1	0.678922 0.706778	ZB51015.T	29.95	0.660494
195.94	0.705907 0.71171	ZB45015.T	25.96	0.682205 0.697376	ZB46015.T	27.1	0.675018 0.705152	ZB51015.T	29.95	0.65526
195.94	0.697824 0.705125	ZB45015.T	25.96	0.678145 0.693439	ZB46015.T	27.1	0.672084 0.702326	ZB51015.T	29.95	0.651305
195.94	0.689762 0.699008	ZB45015.T	25.96	0.674538 0.689374	ZB46015.T	27.1	0.669514 0.697936	ZB51015.T	29.95	0.648371
195.94	0.681442 0.69311	ZB45015.T	25.96	0.670807 0.684608	ZB46015.T	27.1	0.666721 0.6919	ZB51015.T	29.95	0.645906
195.94	0.672608 0.686831	ZB45015.T	25.96	0.666478 0.678835	ZB46015.T	27.1	0.663273 0.68442	ZB51015.T	29.95	0.643281
195.94	0.663227 0.679508	ZB45015.T	25.96	0.661372 0.672136	ZB46015.T	27.1	0.659004 0.675985	ZB51015.T	29.95	0.640036
195.94	0.653539 0.670773	ZB45015.T	25.96	0.6556 0.664941	ZB46015.T	27.1	0.654057 0.667295	ZB51015.T	29.95	0.636003
195.94	0.643929 0.660755	ZB45015.T	25.96	0.649416 0.657805	ZB46015.T	27.1	0.648807 0.659046	ZB51015.T	29.95	0.631233
195.94	0.634726 0.650038	ZB45015.T	25.96	0.643026 0.651139	ZB46015.T	27.1	0.643672 0.651642	ZB51015.T	29.95	0.625822
195.94	0.626069 0.639409	ZB45015.T	25.96	0.636489 0.645036	ZB46015.T	27.1	0.638882 0.645002	ZB51015.T	29.95	0.619811
195.94	0.617909 0.629565	ZB45015.T	25.96	0.629775 0.639333	ZB46015.T	27.1	0.634322 0.638677	ZB51015.T	29.95	0.613189
195.94	0.610128 0.620893	ZB45015.T	25.96	0.622931 0.633827	ZB46015.T	27.1	0.629574 0.632253	ZB51015.T	29.95	0.606006
195.94	0.602709 0.613407	ZB45015.T	25.96	0.616191 0.628478	ZB46015.T	27.1	0.624172 0.62575	ZB51015.T	29.95	0.59845
195.94	0.59583 0.606822	ZB45015.T	25.96	0.609928 0.62343	ZB46015.T	27.1	0.617942 0.619722	ZB51015.T	29.95	0.590848
195.94	0.589762 0.600657	ZB45015.T	25.96	0.60445 0.618843	ZB46015.T	27.1	0.611225 0.614984	ZB51015.T	29.95	0.583531
195.94	0.584602 0.594347	ZB45015.T	25.96	0.599767 0.614693	ZB46015.T	27.1	0.604836 0.612059	ZB51015.T	29.95	0.576686
195.94	0.580031 0.587371	ZB45015.T	25.96	0.595612 0.61073	ZB46015.T	27.1	0.599635 0.61071	ZB51015.T	29.95	0.570343
195.94	0.575299 0.579428	ZB45015.T	25.96	0.591759 0.606669	ZB46015.T	27.1	0.595887 0.609824	ZB51015.T	29.95	0.564604
195.94	0.569458 0.570642	ZB45015.T	25.96	0.588494 0.602508	ZB46015.T	27.1	0.592728 0.607701	ZB51015.T	29.95	0.560011
195.94	0.561833 0.561712	ZB45015.T	25.96	0.586982 0.598797	ZB46015.T	27.1	0.588057 0.602581	ZB51015.T	29.95	0.557871
195.94	0.5524 0.55387	ZB45015.T	25.96	0.58897 0.596622	ZB46015.T	27.1	0.579043 0.593176	ZB51015.T	29.95	0.560072
195.94	0.541876 0.548583	ZB45015.T	25.96	0.596581 0.597286	ZB46015.T	27.1	0.563006 0.578919	ZB51015.T	29.95	

RawTest2.84	name.85	depth.85	RawTest1. RawTest2.85	name.86	depth.86	RawTest1. RawTest2.86	name.87	depth.87	RawTest1. RawTest2.87
0.967976	ZB52015.T	31.45	0.993327 0.982714	ZB53015.T	32.95	0.953373 0.99425	ZB54015.T	34.45	0.999823 0.975902
0.968584	ZB52015.T	31.45	0.994057 0.981766	ZB53015.T	32.95	0.957543 0.994547	ZB54015.T	34.45	1.001075 0.976265
0.969509	ZB52015.T	31.45	0.994471 0.979487	ZB53015.T	32.95	0.965477 0.995214	ZB54015.T	34.45	1.003389 0.97666
0.969743	ZB52015.T	31.45	0.993389 0.976723	ZB53015.T	32.95	0.972755 0.995658	ZB54015.T	34.45	1.005181 0.97657
0.968884	ZB52015.T	31.45	0.990873 0.973624	ZB53015.T	32.95	0.979081 0.995461	ZB54015.T	34.45	1.00605 0.976008
0.966627	ZB52015.T	31.45	0.987223 0.97046	ZB53015.T	32.95	0.984022 0.994293	ZB54015.T	34.45	1.005641 0.975127
0.962862	ZB52015.T	31.45	0.9829 0.967538	ZB53015.T	32.95	0.987067 0.992024	ZB54015.T	34.45	1.003766 0.974192
0.957687	ZB52015.T	31.45	0.978432 0.96508	ZB53015.T	32.95	0.987752 0.988773	ZB54015.T	34.45	1.0005 0.973492
0.95133	ZB52015.T	31.45	0.974288 0.963125	ZB53015.T	32.95	0.985806 0.984869	ZB54015.T	34.45	0.996186 0.973209
0.944046	ZB52015.T	31.45	0.97076 0.961493	ZB53015.T	32.95	0.98127 0.980747	ZB54015.T	34.45	0.991338 0.973324
0.936071	ZB52015.T	31.45	0.967871 0.959852	ZB53015.T	32.95	0.974534 0.976865	ZB54015.T	34.45	0.986482 0.973607
0.927648	ZB52015.T	31.45	0.965366 0.957841	ZB53015.T	32.95	0.966316 0.973641	ZB54015.T	34.45	0.98198 0.973725
0.91911	ZB52015.T	31.45	0.962811 0.955209	ZB53015.T	32.95	0.957564 0.971393	ZB54015.T	34.45	0.977926 0.973401
0.910891	ZB52015.T	31.45	0.95981 0.951912	ZB53015.T	32.95	0.949323 0.970256	ZB54015.T	34.45	0.97416 0.972546
0.903428	ZB52015.T	31.45	0.956234 0.948113	ZB53015.T	32.95	0.942549 0.970066	ZB54015.T	34.45	0.970403 0.971286
0.89701	ZB52015.T	31.45	0.952302 0.944087	ZB53015.T	32.95	0.937901 0.970289	ZB54015.T	34.45	0.966444 0.969873
0.891679	ZB52015.T	31.45	0.948456 0.94006	ZB53015.T	32.95	0.935541 0.970059	ZB54015.T	34.45	0.962306 0.968544
0.887251	ZB52015.T	31.45	0.945073 0.936073	ZB53015.T	32.95	0.935041 0.968388	ZB54015.T	34.45	0.958282 0.967395
0.883452	ZB52015.T	31.45	0.942188 0.931959	ZB53015.T	32.95	0.935505 0.964545	ZB54015.T	34.45	0.954819 0.966327
0.880041	ZB52015.T	31.45	0.939459 0.927468	ZB53015.T	32.95	0.935869 0.958407	ZB54015.T	34.45	0.952287 0.965093
0.876848	ZB52015.T	31.45	0.936332 0.92248	ZB53015.T	32.95	0.935246 0.950635	ZB54015.T	34.45	0.950772 0.963415
0.873714	ZB52015.T	31.45	0.932296 0.917167	ZB53015.T	32.95	0.933127 0.942507	ZB54015.T	34.45	0.950005 0.961123
0.870422	ZB52015.T	31.45	0.927066 0.911948	ZB53015.T	32.95	0.929456 0.935404	ZB54015.T	34.45	0.949445 0.958263
0.866693	ZB52015.T	31.45	0.920593 0.907258	ZB53015.T	32.95	0.924568 0.930145	ZB54015.T	34.45	0.948469 0.955103
0.862246	ZB52015.T	31.45	0.912987 0.903258	ZB53015.T	32.95	0.919087 0.926556	ZB54015.T	34.45	0.946536 0.952023
0.856881	ZB52015.T	31.45	0.904428 0.89974	ZB53015.T	32.95	0.913786 0.923486	ZB54015.T	34.45	0.943305 0.949326
0.85053	ZB52015.T	31.45	0.89517 0.896294	ZB53015.T	32.95	0.909356 0.919388	ZB54015.T	34.45	0.938681 0.947028
0.843286	ZB52015.T	31.45	0.885622 0.892622	ZB53015.T	32.95	0.90612 0.913129	ZB54015.T	34.45	0.932859 0.944754
0.83542	ZB52015.T	31.45	0.876437 0.888734	ZB53015.T	32.95	0.903828 0.904566	ZB54015.T	34.45	0.926309 0.941796
0.827357	ZB52015.T	31.45	0.868464 0.884884	ZB53015.T	32.95	0.901666 0.894603	ZB54015.T	34.45	0.919703 0.937381
0.81958	ZB52015.T	31.45	0.8625 0.881287	ZB53015.T	32.95	0.898602 0.884687	ZB54015.T	34.45	0.913728 0.931067
0.812483	ZB52015.T	31.45	0.858906 0.877871	ZB53015.T	32.95	0.893921 0.876097	ZB54015.T	34.45	0.908834 0.923056
0.806287	ZB52015.T	31.45	0.857336 0.874307	ZB53015.T	32.95	0.887638 0.869382	ZB54015.T	34.45	0.905043 0.914213
0.801078	ZB52015.T	31.45	0.856736 0.870323	ZB53015.T	32.95	0.880584 0.864283	ZB54015.T	34.45	0.901961 0.905742
0.796913	ZB52015.T	31.45	0.855712 0.866018	ZB53015.T	32.95	0.874062 0.860077	ZB54015.T	34.45	0.899 0.898675
0.793909	ZB52015.T	31.45	0.853079 0.861862	ZB53015.T	32.95	0.869212 0.856104	ZB54015.T	34.45	0.895688 0.893413
0.792163	ZB52015.T	31.45	0.848345 0.858307	ZB53015.T	32.95	0.8664 0.852111	ZB54015.T	34.45	0.891883 0.889595
0.791556	ZB52015.T	31.45	0.841846 0.855293	ZB53015.T	32.95	0.864985 0.848243	ZB54015.T	34.45	0.887766 0.886355
0.791558	ZB52015.T	31.45	0.834482 0.852045	ZB53015.T	32.95	0.863565 0.844745	ZB54015.T	34.45	0.883649 0.8828
0.791239	ZB52015.T	31.45	0.827207 0.84736	ZB53015.T	32.95	0.860543 0.841603	ZB54015.T	34.45	0.879702 0.878395
0.789512	ZB52015.T	31.45	0.820578 0.840264	ZB53015.T	32.95	0.854727 0.838386	ZB54015.T	34.45	0.875784 0.873038
0.785562	ZB52015.T	31.45	0.814597 0.830581	ZB53015.T	32.95	0.845671 0.834389	ZB54015.T	34.45	0.871439 0.866836
0.77912	ZB52015.T	31.45	0.808927 0.819049	ZB53015.T	32.95	0.833725 0.828952	ZB54015.T	34.45	0.866061 0.859826
0.770501	ZB52015.T	31.45	0.80322 0.80694	ZB53015.T	32.95	0.819831 0.821741	ZB54015.T	34.45	0.859117 0.851876
0.760345	ZB52015.T	31.45	0.797331 0.795415	ZB53015.T	32.95	0.805194 0.812839	ZB54015.T	34.45	0.850367 0.842852
0.749296	ZB52015.T	31.45	0.791277 0.785042	ZB53015.T	32.95	0.79098 0.802623	ZB54015.T	34.45	0.839972 0.832851
0.737837	ZB52015.T	31.45	0.785041 0.775719	ZB53015.T	32.95	0.778138 0.791601	ZB54015.T	34.45	0.82846 0.822319
0.72631	ZB52015.T	31.45	0.778452 0.766954	ZB53015.T	32.95	0.76732 0.780291	ZB54015.T	34.45	0.816594 0.811929
0.715039	ZB52015.T	31.45	0.771252 0.758289	ZB53015.T	32.95	0.758852 0.769224	ZB54015.T	34.45	0.805152 0.802323
0.704402	ZB52015.T	31.45	0.763317 0.749589	ZB53015.T	32.95	0.752703 0.758993	ZB54015.T	34.45	0.794701 0.793847
0.6948	ZB52015.T	31.45	0.75483 0.741066	ZB53015.T	32.95	0.748453 0.750189	ZB54015.T	34.45	0.78549 0.786472
0.686555	ZB52015.T	31.45	0.746294 0.733071	ZB53015.T	32.95	0.745351 0.743164	ZB54015.T	34.45	0.777483 0.779869
0.679791	ZB52015.T	31.45	0.738307 0.725857	ZB53015.T	32.95	0.742506 0.737786	ZB54015.T	34.45	0.770486 0.773582
0.674335	ZB52015.T	31.45	0.73127 0.719427	ZB53015.T	32.95	0.739172 0.733386	ZB54015.T	34.45	0.764286 0.767197
0.669715	ZB52015.T	31.45	0.725146 0.713564	ZB53015.T	32.95	0.734986 0.729011	ZB54015.T	34.45	0.758707 0.760445
0.665259	ZB52015.T	31.45	0.719452 0.707982	ZB53015.T	32.95	0.730015 0.723892	ZB54015.T	34.45	0.753591 0.753244
0.660323	ZB52015.T	31.45	0.713483 0.702498	ZB53015.T	32.95	0.724571 0.717836	ZB54015.T	34.45	0.748743 0.745687
0.65456	ZB52015.T	31.45	0.706685 0.697114	ZB53015.T	32.95	0.718954 0.7113	ZB54015.T	34.45	0.743917 0.737986
0.648096	ZB52015.T	31.45	0.698939 0.691964	ZB53015.T	32.95	0.713264 0.705089	ZB54015.T	34.45	0.738852 0.730397
0.641474	ZB52015.T	31.45	0.69061 0.687178	ZB53015.T	32.95	0.707397 0.699875	ZB54015.T	34.45	0.733347 0.723129
0.635357	ZB52015.T	31.45	0.682336 0.682765	ZB53015.T	32.95	0.701136 0.69581	ZB54015.T	34.45	0.727309 0.716262
0.630173	ZB52015.T	31.45	0.674681 0.678584	ZB53015.T	32.95	0.694323 0.692473	ZB54015.T	34.45	0.72076 0.709759
0.625861	ZB52015.T	31.45	0.667862 0.674399	ZB53015.T	32.95	0.686948 0.68913	ZB54015.T	34.45	0.713805 0.703539
0.621913	ZB52015.T	31.45	0.661679 0.669977	ZB53015.T	32.95	0.679123 0.685112	ZB54015.T	34.45	0.706584 0.697568
0.617671	ZB52015.T	31.45	0.655699 0.665211	ZB53015.T	32.95	0.671007 0.680093	ZB54015.T	34.45	0.699244 0.691918
0.61271	ZB52015.T	31.45	0.649566 0.660216	ZB53015.T	32.95	0.66275 0.674159	ZB54015.T	34.45	0.691968 0.68674
0.607091	ZB52015.T	31.45	0.643278 0.655343	ZB53015.T	32.95	0.654531 0.667659	ZB54015.T	34.45	0.685 0.682186
0.601302	ZB52015.T	31.45	0.637225 0.651098	ZB53015.T	32.95	0.646624 0.660973	ZB54015.T	34.45	0.67866 0.678322
0.595951	ZB52015.T	31.45	0.631992 0.647923	ZB53015.T	32.95	0.639419 0.654318	ZB54015.T	34.45	0.673294 0.675059
0.591435	ZB52015.T	31.45	0.628016 0.645916	ZB53015.T	32.95	0.633342 0.647687	ZB54015.T	34.45	0.669151 0.672144
0.58774	ZB52015.T	31.45	0.6253 0.644611	ZB53015.T	32.95	0.628719 0.640932	ZB54015.T	34.45	0.666263 0.669215
0.584408	ZB52015.T	31.45	0.623414 0.643034	ZB53015.T	32.95	0.625654 0.633911	ZB54015.T	34.45	0.66441 0.666135
0.580638	ZB52015.T	31.45	0.621804 0.640021	ZB53015.T	32.95	0.623972 0.626656	ZB54015.T	34.45	0.663199 0.662824
0.575403	ZB52015.T	31.45	0.620247 0.634754	ZB53015.T	32.95	0.623233 0.619459	ZB54015.T	34.45	0.662219 0.659683
0.567595	ZB52015.T	31.45	0.619207 0.627173	ZB53015.T	32.95	0.622785 0.612829	ZB54015.T	34.45	0.661206 0.657347
0.5622	ZB52015.T	31.45	0.619842 0.618066	ZB53015.T	32.95	0.621853 0.607339	ZB54015.T	34.45	0.660148 0.656525
0.54059	ZB52015.T	31.45	0.62363 0.608776	ZB53015.T	32.95	0.619647 0.603429	ZB54015.T	34.45	0.659257 0.657682

name.88	depth.88	RawTest1.88	RawTest2.88	name.89	depth.89	RawTest1.89	RawTest2.89	name.90	depth.90	RawTest1.90	RawTest2.90	name.91	depth.91
ZB54115.T	35.45	1.022761	0.995717	ZB55015.T	35.95	1.007193	0.990271	ZB57015.T	38.95	1.009748	1.005034	ZB61015.T	39.94
ZB54115.T	35.45	1.019371	0.996381	ZB55015.T	35.95	1.004116	0.988386	ZB57015.T	38.95	1.009823	1.00531	ZB61015.T	39.94
ZB54115.T	35.45	1.012496	0.99774	ZB55015.T	35.95	0.998314	0.984149	ZB57015.T	38.95	1.009439	1.005769	ZB61015.T	39.94
ZB54115.T	35.45	1.005443	0.99924	ZB55015.T	35.95	0.993193	0.979239	ZB57015.T	38.95	1.008179	1.006025	ZB61015.T	39.94
ZB54115.T	35.45	0.998456	1.000865	ZB55015.T	35.95	0.989	0.973765	ZB57015.T	38.95	1.005948	1.00583	ZB61015.T	39.94
ZB54115.T	35.45	0.991971	1.002446	ZB55015.T	35.95	0.985837	0.967972	ZB57015.T	38.95	1.002744	1.004806	ZB61015.T	39.94
ZB54115.T	35.45	0.986538	1.003695	ZB55015.T	35.95	0.983553	0.962181	ZB57015.T	38.95	0.998676	1.002566	ZB61015.T	39.94
ZB54115.T	35.45	0.982681	1.004289	ZB55015.T	35.95	0.981704	0.95669	ZB57015.T	38.95	0.993964	0.998898	ZB61015.T	39.94
ZB54115.T	35.45	0.980713	1.003971	ZB55015.T	35.95	0.979628	0.951706	ZB57015.T	38.95	0.98896	0.993925	ZB61015.T	39.94
ZB54115.T	35.45	0.98062	1.002652	ZB55015.T	35.95	0.976665	0.947325	ZB57015.T	38.95	0.984123	0.988135	ZB61015.T	39.94
ZB54115.T	35.45	0.982028	1.000444	ZB55015.T	35.95	0.972406	0.943542	ZB57015.T	38.95	0.97993	0.982251	ZB61015.T	39.94
ZB54115.T	35.45	0.984285	0.997626	ZB55015.T	35.95	0.966882	0.940262	ZB57015.T	38.95	0.976724	0.976976	ZB61015.T	39.94
ZB54115.T	35.45	0.986587	0.994585	ZB55015.T	35.95	0.960597	0.93729	ZB57015.T	38.95	0.97454	0.972741	ZB61015.T	39.94
ZB54115.T	35.45	0.988115	0.991722	ZB55015.T	35.95	0.954328	0.934341	ZB57015.T	38.95	0.972981	0.969541	ZB61015.T	39.94
ZB54115.T	35.45	0.988149	0.989344	ZB55015.T	35.95	0.94876	0.931088	ZB57015.T	38.95	0.971272	0.966991	ZB61015.T	39.94
ZB54115.T	35.45	0.986198	0.987568	ZB55015.T	35.95	0.944085	0.927257	ZB57015.T	38.95	0.968491	0.964505	ZB61015.T	39.94
ZB54115.T	35.45	0.982158	0.986244	ZB55015.T	35.95	0.939827	0.922743	ZB57015.T	38.95	0.963944	0.96152	ZB61015.T	39.94
ZB54115.T	35.45	0.976466	0.984952	ZB55015.T	35.95	0.934973	0.917659	ZB57015.T	38.95	0.957497	0.957643	ZB61015.T	39.94
ZB54115.T	35.45	0.970111	0.983115	ZB55015.T	35.95	0.928447	0.912294	ZB57015.T	38.95	0.949685	0.952685	ZB61015.T	39.94
ZB54115.T	35.45	0.964409	0.980236	ZB55015.T	35.95	0.919653	0.906943	ZB57015.T	38.95	0.941515	0.946649	ZB61015.T	39.94
ZB54115.T	35.45	0.960594	0.976112	ZB55015.T	35.95	0.908825	0.901733	ZB57015.T	38.95	0.934034	0.939735	ZB61015.T	39.94
ZB54115.T	35.45	0.959333	0.970967	ZB55015.T	35.95	0.896986	0.896525	ZB57015.T	38.95	0.927889	0.932368	ZB61015.T	39.94
ZB54115.T	35.45	0.960356	0.9654	ZB55015.T	35.95	0.885526	0.890992	ZB57015.T	38.95	0.923046	0.925178	ZB61015.T	39.94
ZB54115.T	35.45	0.962528	0.960145	ZB55015.T	35.95	0.875669	0.88478	ZB57015.T	38.95	0.918845	0.918824	ZB61015.T	39.94
ZB54115.T	35.45	0.964196	0.955759	ZB55015.T	35.95	0.868004	0.877646	ZB57015.T	38.95	0.914307	0.913716	ZB61015.T	39.94
ZB54115.T	35.45	0.963866	0.952396	ZB55015.T	35.95	0.86231	0.869542	ZB57015.T	38.95	0.908595	0.909753	ZB61015.T	39.94
ZB54115.T	35.45	0.960834	0.949794	ZB55015.T	35.95	0.857697	0.860682	ZB57015.T	38.95	0.901398	0.906267	ZB61015.T	39.94
ZB54115.T	35.45	0.955455	0.947473	ZB55015.T	35.95	0.853018	0.8516	ZB57015.T	38.95	0.893066	0.902286	ZB61015.T	39.94
ZB54115.T	35.45	0.948871	0.945013	ZB55015.T	35.95	0.847327	0.843127	ZB57015.T	38.95	0.884437	0.897033	ZB61015.T	39.94
ZB54115.T	35.45	0.942406	0.942233	ZB55015.T	35.95	0.840282	0.83623	ZB57015.T	38.95	0.87643	0.890344	ZB61015.T	39.94
ZB54115.T	35.45	0.9369	0.939178	ZB55015.T	35.95	0.832262	0.83163	ZB57015.T	38.95	0.869598	0.882773	ZB61015.T	39.94
ZB54115.T	35.45	0.932398	0.935959	ZB55015.T	35.95	0.824153	0.829388	ZB57015.T	38.95	0.863917	0.87526	ZB61015.T	39.94
ZB54115.T	35.45	0.928342	0.932625	ZB55015.T	35.95	0.81691	0.828681	ZB57015.T	38.95	0.858932	0.868587	ZB61015.T	39.94
ZB54115.T	35.45	0.924059	0.929152	ZB55015.T	35.95	0.811143	0.828011	ZB57015.T	38.95	0.854146	0.862927	ZB61015.T	39.94
ZB54115.T	35.45	0.91916	0.925531	ZB55015.T	35.95	0.806906	0.825851	ZB57015.T	38.95	0.849387	0.857803	ZB61015.T	39.94
ZB54115.T	35.45	0.913611	0.921844	ZB55015.T	35.95	0.803813	0.821381	ZB57015.T	38.95	0.844885	0.852437	ZB61015.T	39.94
ZB54115.T	35.45	0.90749	0.918237	ZB55015.T	35.95	0.801339	0.814853	ZB57015.T	38.95	0.840999	0.846289	ZB61015.T	39.94
ZB54115.T	35.45	0.900757	0.914755	ZB55015.T	35.95	0.799063	0.807371	ZB57015.T	38.95	0.837827	0.839422	ZB61015.T	39.94
ZB54115.T	35.45	0.893262	0.911192	ZB55015.T	35.95	0.796718	0.800225	ZB57015.T	38.95	0.834969	0.832442	ZB61015.T	39.94
ZB54115.T	35.45	0.88499	0.90708	ZB55015.T	35.95	0.794073	0.794164	ZB57015.T	38.95	0.831659	0.826066	ZB61015.T	39.94
ZB54115.T	35.45	0.876259	0.90187	ZB55015.T	35.95	0.790786	0.789054	ZB57015.T	38.95	0.827149	0.820657	ZB61015.T	39.94
ZB54115.T	35.45	0.867644	0.895164	ZB55015.T	35.95	0.786389	0.784025	ZB57015.T	38.95	0.821079	0.815967	ZB61015.T	39.94
ZB54115.T	35.45	0.859607	0.886907	ZB55015.T	35.95	0.780425	0.777962	ZB57015.T	38.95	0.813571	0.811261	ZB61015.T	39.94
ZB54115.T	35.45	0.852147	0.877393	ZB55015.T	35.95	0.772663	0.770042	ZB57015.T	38.95	0.805003	0.805676	ZB61015.T	39.94
ZB54115.T	35.45	0.844784	0.867124	ZB55015.T	35.95	0.763225	0.759961	ZB57015.T	38.95	0.795677	0.798563	ZB61015.T	39.94
ZB54115.T	35.45	0.836935	0.856606	ZB55015.T	35.95	0.75259	0.74798	ZB57015.T	38.95	0.785645	0.789664	ZB61015.T	39.94
ZB54115.T	35.45	0.828335	0.846217	ZB55015.T	35.95	0.741478	0.734763	ZB57015.T	38.95	0.774818	0.779074	ZB61015.T	39.94
ZB54115.T	35.45	0.819217	0.836169	ZB55015.T	35.95	0.730652	0.721212	ZB57015.T	38.95	0.763229	0.767145	ZB61015.T	39.94
ZB54115.T	35.45	0.810086	0.826482	ZB55015.T	35.95	0.72071	0.708268	ZB57015.T	38.95	0.75123	0.754428	ZB61015.T	39.94
ZB54115.T	35.45	0.801338	0.817021	ZB55015.T	35.95	0.711938	0.69673	ZB57015.T	38.95	0.739451	0.741651	ZB61015.T	39.94
ZB54115.T	35.45	0.792974	0.807558	ZB55015.T	35.95	0.704247	0.687101	ZB57015.T	38.95	0.728586	0.729646	ZB61015.T	39.94
ZB54115.T	35.45	0.784655	0.797891	ZB55015.T	35.95	0.69725	0.6795	ZB57015.T	38.95	0.719123	0.719157	ZB61015.T	39.94
ZB54115.T	35.45	0.77602	0.787972	ZB55015.T	35.95	0.69046	0.673694	ZB57015.T	38.95	0.711183	0.710592	ZB61015.T	39.94
ZB54115.T	35.45	0.766986	0.777944	ZB55015.T	35.95	0.683518	0.66923	ZB57015.T	38.95	0.704502	0.703858	ZB61015.T	39.94
ZB54115.T	35.45	0.757829	0.768068	ZB55015.T	35.95	0.67635	0.66562	ZB57015.T	38.95	0.698517	0.698421	ZB61015.T	39.94
ZB54115.T	35.45	0.748953	0.758594	ZB55015.T	35.95	0.669181	0.662501	ZB57015.T	38.95	0.692552	0.693553	ZB61015.T	39.94
ZB54115.T	35.45	0.740548	0.749668	ZB55015.T	35.95	0.662408	0.659642	ZB57015.T	38.95	0.686005	0.688642	ZB61015.T	39.94
ZB54115.T	35.45	0.732388	0.741341	ZB55015.T	35.95	0.656379	0.656872	ZB57015.T	38.95	0.678541	0.683384	ZB61015.T	39.94
ZB54115.T	35.45	0.723952	0.733626	ZB55015.T	35.95	0.651207	0.653925	ZB57015.T	38.95	0.670174	0.677764	ZB61015.T	39.94
ZB54115.T	35.45	0.714824	0.726563	ZB55015.T	35.95	0.646701	0.650468	ZB57015.T	38.95	0.661267	0.671884	ZB61015.T	39.94
ZB54115.T	35.45	0.705099	0.720181	ZB55015.T	35.95	0.642444	0.646168	ZB57015.T	38.95	0.652422	0.665825	ZB61015.T	39.94
ZB54115.T	35.45	0.695475	0.714379	ZB55015.T	35.95	0.63799	0.640876	ZB57015.T	38.95	0.644323	0.659606	ZB61015.T	39.94
ZB54115.T	35.45	0.686919	0.708845	ZB55015.T	35.95	0.633065	0.634737	ZB57015.T	38.95	0.637516	0.653236	ZB61015.T	39.94
ZB54115.T	35.45	0.680027	0.703137	ZB55015.T	35.95	0.627708	0.628167	ZB57015.T	38.95	0.63222	0.646789	ZB61015.T	39.94
ZB54115.T	35.45	0.67457	0.696885	ZB55015.T	35.95	0.622238	0.621693	ZB57015.T	38.95	0.628231	0.640412	ZB61015.T	39.94
ZB54115.T	35.45	0.669527	0.690024	ZB55015.T	35.95	0.617091	0.615759	ZB57015.T	38.95	0.625	0.634262	ZB61015.T	39.94
ZB54115.T	35.45	0.663679	0.682852	ZB55015.T	35.95	0.612615	0.610608	ZB57015.T	38.95	0.621855	0.628412	ZB61015.T	39.94
ZB54115.T	35.45	0.656348	0.675871	ZB55015.T	35.95	0.608921	0.606292	ZB57015.T	38.95	0.618285	0.622778	ZB61015.T	39.94
ZB54115.T	35.45	0.647826	0.669472	ZB55015.T	35.95	0.60585	0.602696	ZB57015.T	38.95	0.614133	0.617114	ZB61015.T	39.94
ZB54115.T	35.45	0.639168	0.663717	ZB55015.T	35.95	0.603023	0.599573	ZB57015.T	38.95	0.609588	0.611063	ZB61015.T	39.94
ZB54115.T	35.45	0.631519	0.658359	ZB55015.T	35.95	0.599888	0.596581	ZB57015.T	38.95	0.60496	0.60429	ZB61015.T	39.94
ZB54115.T	35.45	0.625486	0.653079	ZB55015.T	35.95	0.595745	0.593369	ZB57015.T	38.95	0.60			

RawTest1. RawTest2.91	name.92	depth.92	RawTest1. RawTest2.92	name.93	depth.93	RawTest1. RawTest2.93	name.94	depth.94	RawTest1. RawTest2.94
0.972847 0.955774	ZB63015.T	42.94	1.006837 0.999061	ZB65015.T	45.94	0.991007 1.005324	ZB66015.T	47.44	0.969352 0.992813
0.973968 0.957842	ZB63015.T	42.94	1.003598 0.996195	ZB65015.T	45.94	0.991531 1.003315	ZB66015.T	47.44	0.970206 0.991543
0.975626 0.961975	ZB63015.T	42.94	0.997959 0.991159	ZB65015.T	45.94	0.993062 1.000068	ZB66015.T	47.44	0.971004 0.988132
0.976376 0.966218	ZB63015.T	42.94	0.99378 0.987021	ZB65015.T	45.94	0.994992 0.997618	ZB66015.T	47.44	0.970759 0.983362
0.976211 0.970602	ZB63015.T	42.94	0.99126 0.983759	ZB65015.T	45.94	0.996899 0.995748	ZB66015.T	47.44	0.969489 0.977124
0.975333 0.975043	ZB63015.T	42.94	0.990141 0.981254	ZB65015.T	45.94	0.998315 0.994236	ZB66015.T	47.44	0.967363 0.9695
0.974121 0.979354	ZB63015.T	42.94	0.989641 0.979281	ZB65015.T	45.94	0.998892 0.992911	ZB66015.T	47.44	0.964442 0.960758
0.973008 0.98326	ZB63015.T	42.94	0.988604 0.977538	ZB65015.T	45.94	0.998499 0.991633	ZB66015.T	47.44	0.960659 0.951312
0.972349 0.986427	ZB63015.T	42.94	0.985841 0.975699	ZB65015.T	45.94	0.997232 0.990217	ZB66015.T	47.44	0.955821 0.941651
0.972311 0.988506	ZB63015.T	42.94	0.980555 0.973529	ZB65015.T	45.94	0.995351 0.988361	ZB66015.T	47.44	0.94965 0.932277
0.972839 0.98917	ZB63015.T	42.94	0.972679 0.970996	ZB65015.T	45.94	0.993139 0.985657	ZB66015.T	47.44	0.941847 0.923655
0.973682 0.988292	ZB63015.T	42.94	0.962945 0.968297	ZB65015.T	45.94	0.990771 0.981701	ZB66015.T	47.44	0.932237 0.916153
0.974438 0.985881	ZB63015.T	42.94	0.952651 0.96574	ZB65015.T	45.94	0.988237 0.976287	ZB66015.T	47.44	0.920938 0.909973
0.974634 0.982274	ZB63015.T	42.94	0.943231 0.963484	ZB65015.T	45.94	0.98534 0.969601	ZB66015.T	47.44	0.908495 0.905024
0.973831 0.977926	ZB63015.T	42.94	0.93577 0.961291	ZB65015.T	45.94	0.98177 0.962294	ZB66015.T	47.44	0.895863 0.900836
0.971744 0.973207	ZB63015.T	42.94	0.930713 0.958458	ZB65015.T	45.94	0.977227 0.95536	ZB66015.T	47.44	0.884144 0.8966
0.968343 0.968216	ZB63015.T	42.94	0.927808 0.954006	ZB65015.T	45.94	0.971544 0.949867	ZB66015.T	47.44	0.874212 0.89142
0.963865 0.9628	ZB63015.T	42.94	0.926266 0.947121	ZB65015.T	45.94	0.964803 0.946566	ZB66015.T	47.44	0.866353 0.884731
0.958698 0.95678	ZB63015.T	42.94	0.925056 0.937611	ZB65015.T	45.94	0.957366 0.945619	ZB66015.T	47.44	0.860157 0.876652
0.953187 0.950224	ZB63015.T	42.94	0.9232 0.926121	ZB65015.T	45.94	0.949786 0.946442	ZB66015.T	47.44	0.854724 0.868045
0.947498 0.943551	ZB63015.T	42.94	0.919965 0.913967	ZB65015.T	45.94	0.942611 0.948045	ZB66015.T	47.44	0.849064 0.860158
0.941649 0.93736	ZB63015.T	42.94	0.914999 0.902649	ZB65015.T	45.94	0.936182 0.949185	ZB66015.T	47.44	0.842513 0.854025
0.935681 0.932132	ZB63015.T	42.94	0.908393 0.893268	ZB65015.T	45.94	0.930503 0.948817	ZB66015.T	47.44	0.834942 0.849927
0.929813 0.927973	ZB63015.T	42.94	0.900661 0.886134	ZB65015.T	45.94	0.925275 0.946316	ZB66015.T	47.44	0.82669 0.84719
0.924436 0.924578	ZB63015.T	42.94	0.892577 0.880759	ZB65015.T	45.94	0.920062 0.941577	ZB66015.T	47.44	0.818297 0.844435
0.919938 0.921412	ZB63015.T	42.94	0.88494 0.876241	ZB65015.T	45.94	0.914532 0.934964	ZB66015.T	47.44	0.810212 0.840147
0.9165 0.918006	ZB63015.T	42.94	0.878308 0.871828	ZB65015.T	45.94	0.908591 0.927155	ZB66015.T	47.44	0.802636 0.833292
0.913965 0.914165	ZB63015.T	42.94	0.872861 0.867338	ZB65015.T	45.94	0.902352 0.918955	ZB66015.T	47.44	0.795587 0.823734
0.911895 0.909969	ZB63015.T	42.94	0.868428 0.863162	ZB65015.T	45.94	0.895984 0.911126	ZB66015.T	47.44	0.789062 0.812239
0.90979 0.905638	ZB63015.T	42.94	0.864637 0.859887	ZB65015.T	45.94	0.889598 0.904259	ZB66015.T	47.44	0.783152 0.800163
0.90732 0.901403	ZB63015.T	42.94	0.861119 0.857811	ZB65015.T	45.94	0.883265 0.898696	ZB66015.T	47.44	0.777981 0.788988
0.904443 0.897455	ZB63015.T	42.94	0.857659 0.856694	ZB65015.T	45.94	0.877146 0.894475	ZB66015.T	47.44	0.773531 0.779861
0.901354 0.893932	ZB63015.T	42.94	0.854209 0.855901	ZB65015.T	45.94	0.871604 0.891311	ZB66015.T	47.44	0.769518 0.773286
0.898324 0.890888	ZB63015.T	42.94	0.850802 0.854758	ZB65015.T	45.94	0.86715 0.888614	ZB66015.T	47.44	0.765458 0.769053
0.895537 0.888203	ZB63015.T	42.94	0.847426 0.852849	ZB65015.T	45.94	0.864181 0.885656	ZB66015.T	47.44	0.76091 0.766362
0.892958 0.885549	ZB63015.T	42.94	0.843971 0.850084	ZB65015.T	45.94	0.86268 0.881791	ZB66015.T	47.44	0.755746 0.764113
0.89026 0.882485	ZB63015.T	42.94	0.84028 0.846522	ZB65015.T	45.94	0.862083 0.876635	ZB66015.T	47.44	0.75026 0.761293
0.886859 0.87866	ZB63015.T	42.94	0.836293 0.842186	ZB65015.T	45.94	0.861438 0.870117	ZB66015.T	47.44	0.745062 0.757318
0.88208 0.873966	ZB63015.T	42.94	0.832157 0.837006	ZB65015.T	45.94	0.859791 0.862391	ZB66015.T	47.44	0.740787 0.752183
0.875411 0.868535	ZB63015.T	42.94	0.828162 0.830914	ZB65015.T	45.94	0.856508 0.853683	ZB66015.T	47.44	0.737748 0.74634
0.86675 0.862556	ZB63015.T	42.94	0.824523 0.823967	ZB65015.T	45.94	0.851356 0.844182	ZB66015.T	47.44	0.735742 0.740338
0.856525 0.856055	ZB63015.T	42.94	0.821141 0.816372	ZB65015.T	45.94	0.844378 0.834063	ZB66015.T	47.44	0.734053 0.734394
0.8456 0.848807	ZB63015.T	42.94	0.817523 0.808407	ZB65015.T	45.94	0.835713 0.823581	ZB66015.T	47.44	0.731631 0.728167
0.835003 0.840459	ZB63015.T	42.94	0.812926 0.800297	ZB65015.T	45.94	0.825557 0.813113	ZB66015.T	47.44	0.72737 0.720953
0.825561 0.830796	ZB63015.T	42.94	0.80664 0.792157	ZB65015.T	45.94	0.814274 0.803079	ZB66015.T	47.44	0.7204 0.711904
0.81761 0.819987	ZB63015.T	42.94	0.798298 0.784045	ZB65015.T	45.94	0.802518 0.79377	ZB66015.T	47.44	0.710374 0.701096
0.81086 0.808641	ZB63015.T	42.94	0.788026 0.776058	ZB65015.T	45.94	0.791175 0.785214	ZB66015.T	47.44	0.697692 0.689295
0.804476 0.797612	ZB63015.T	42.94	0.776412 0.768372	ZB65015.T	45.94	0.781064 0.777211	ZB66015.T	47.44	0.683522 0.677979
0.797372 0.787618	ZB63015.T	42.94	0.764308 0.761183	ZB65015.T	45.94	0.772581 0.769494	ZB66015.T	47.44	0.669511 0.66865
0.788745 0.778899	ZB63015.T	42.94	0.752573 0.754604	ZB65015.T	45.94	0.765532 0.7619	ZB66015.T	47.44	0.657239 0.662131
0.778542 0.771182	ZB63015.T	42.94	0.74189 0.748643	ZB65015.T	45.94	0.759247 0.754419	ZB66015.T	47.44	0.647634 0.658237
0.767629 0.763922	ZB63015.T	42.94	0.73265 0.743263	ZB65015.T	45.94	0.752965 0.747126	ZB66015.T	47.44	0.640643 0.655967
0.757491 0.756692	ZB63015.T	42.94	0.724917 0.738465	ZB65015.T	45.94	0.746211 0.740057	ZB66015.T	47.44	0.635404 0.654009
0.749546 0.749451	ZB63015.T	42.94	0.718474 0.734294	ZB65015.T	45.94	0.738996 0.733177	ZB66015.T	47.44	0.630756 0.651317
0.744444 0.742536	ZB63015.T	42.94	0.712959 0.730741	ZB65015.T	45.94	0.731724 0.726453	ZB66015.T	47.44	0.625807 0.647436
0.741756 0.736384	ZB63015.T	42.94	0.70805 0.727617	ZB65015.T	45.94	0.724915 0.719942	ZB66015.T	47.44	0.620286 0.642507
0.740194 0.73115	ZB63015.T	42.94	0.703626 0.72449	ZB65015.T	45.94	0.718901 0.713787	ZB66015.T	47.44	0.614477 0.637028
0.738254 0.726486	ZB63015.T	42.94	0.699785 0.72075	ZB65015.T	45.94	0.713658 0.708124	ZB66015.T	47.44	0.608886 0.631579
0.734899 0.721661	ZB63015.T	42.94	0.696703 0.715836	ZB65015.T	45.94	0.708836 0.702994	ZB66015.T	47.44	0.603847 0.626594
0.729871 0.715934	ZB63015.T	42.94	0.694432 0.709498	ZB65015.T	45.94	0.703938 0.698294	ZB66015.T	47.44	0.599351 0.622272
0.723503 0.708977	ZB63015.T	42.94	0.692729 0.701945	ZB65015.T	45.94	0.698556 0.693832	ZB66015.T	47.44	0.595207 0.618585
0.716288 0.701013	ZB63015.T	42.94	0.691061 0.693778	ZB65015.T	45.94	0.692562 0.68942	ZB66015.T	47.44	0.591369 0.615335
0.708514 0.692725	ZB63015.T	42.94	0.688752 0.685701	ZB65015.T	45.94	0.686149 0.684969	ZB66015.T	47.44	0.588126 0.612203
0.700231 0.684712	ZB63015.T	42.94	0.685227 0.678223	ZB65015.T	45.94	0.679708 0.680491	ZB66015.T	47.44	0.585965 0.608804
0.691466 0.677369	ZB63015.T	42.94	0.680221 0.671489	ZB65015.T	45.94	0.673617 0.676079	ZB66015.T	47.44	0.585181 0.604761
0.682483 0.670738	ZB63015.T	42.94	0.673904 0.665393	ZB65015.T	45.94	0.668607 0.671872	ZB66015.T	47.44	0.585536 0.599839
0.673853 0.664704	ZB63015.T	42.94	0.666894 0.659838	ZB65015.T	45.94	0.663027 0.668035	ZB66015.T	47.44	0.58622 0.594088
0.666236 0.659221	ZB63015.T	42.94	0.660106 0.654921	ZB65015.T	45.94	0.658372 0.66473	ZB66015.T	47.44	0.586152 0.587926
0.660044 0.654425	ZB63015.T	42.94	0.654476 0.650903	ZB65015.T	45.94	0.654055 0.662055	ZB66015.T	47.44	0.584445 0.582055
0.655214 0.65055	ZB63015.T	42.94	0.650596 0.647984	ZB65015.T	45.94	0.650174 0.659956	ZB66015.T	47.44	0.580713 0.577231
0.651269 0.64771	ZB63015.T	42.94	0.64846 0.646059	ZB65015.T	45.94	0.64886 0.658184	ZB66015.T	47.44	0.575088 0.573958
0.647667 0.645745	ZB63015.T	42.94	0.647499 0.644609	ZB65015.T	45.94	0.644237 0.65638	ZB66015.T	47.44	0.567993 0.572281
0.644225 0.644234	ZB63015.T	42.94	0.646913 0.642791	ZB65015.T	45.94	0.642094 0.65432	ZB66015.T	47.44	0.559862 0.571778
0.6414 0.642693	ZB63015.T	42.94	0.64619 0.639637	ZB65015.T	45.94	0.640243 0.652213	ZB66015.T	47.44	0.551002 0.57177
0.640248 0.640867	ZB63015.T	42.94	0.645534 0.6343	ZB65015.T	45.94	0.638632 0.650835	ZB66015.T	47.44	0.541652 0.571591
0.64201 0.638932	ZB63015.T	42.94	0.645968 0.62623	ZB65015.T	45.94	0.637559 0.651415	ZB66015.T	47.44	0.532129 0.570799
0.647652 0.637473	ZB63015.T	42.94	0.64897 0.615232	ZB65015.T	45.94	0.63768 0.655248	ZB66015.T	47.44	0.522892 0.569232

94	name.95	depth.95	RawTest1.95	RawTest2.95	name.96	depth.96	RawTest1.96	RawTest2.96	name.97	depth.97	RawTest1.97	RawTest2.97	name.98
	ZB71015.T	50.03	0.992589	0.996276	ZB72015.T	51.53	1.036601	0.993971	ZB74015.T	54.53	0.982018	0.968153	ZB75015.T
	ZB71015.T	50.03	0.991178	0.9924	ZB72015.T	51.53	1.034158	0.993642	ZB74015.T	54.53	0.984109	0.969432	ZB75015.T
	ZB71015.T	50.03	0.988503	0.985378	ZB72015.T	51.53	1.028766	0.992448	ZB74015.T	54.53	0.986867	0.9718	ZB75015.T
	ZB71015.T	50.03	0.986144	0.979369	ZB72015.T	51.53	1.022476	0.990878	ZB74015.T	54.53	0.987593	0.973789	ZB75015.T
	ZB71015.T	50.03	0.984207	0.974443	ZB72015.T	51.53	1.015132	0.989354	ZB74015.T	54.53	0.986332	0.975249	ZB75015.T
	ZB71015.T	50.03	0.982672	0.970572	ZB72015.T	51.53	1.006764	0.98815	ZB74015.T	54.53	0.98342	0.976109	ZB75015.T
	ZB71015.T	50.03	0.981322	0.96765	ZB72015.T	51.53	0.997553	0.98727	ZB74015.T	54.53	0.979417	0.976407	ZB75015.T
	ZB71015.T	50.03	0.979773	0.965555	ZB72015.T	51.53	0.987742	0.986469	ZB74015.T	54.53	0.974963	0.976275	ZB75015.T
	ZB71015.T	50.03	0.977601	0.964213	ZB72015.T	51.53	0.977545	0.98539	ZB74015.T	54.53	0.970667	0.975874	ZB75015.T
	ZB71015.T	50.03	0.974541	0.963607	ZB72015.T	51.53	0.967126	0.983737	ZB74015.T	54.53	0.967015	0.9753	ZB75015.T
	ZB71015.T	50.03	0.970648	0.963734	ZB72015.T	51.53	0.95669	0.981373	ZB74015.T	54.53	0.964332	0.974504	ZB75015.T
	ZB71015.T	50.03	0.966326	0.964508	ZB72015.T	51.53	0.946573	0.978259	ZB74015.T	54.53	0.962753	0.973271	ZB75015.T
	ZB71015.T	50.03	0.962185	0.965704	ZB72015.T	51.53	0.937269	0.974326	ZB74015.T	54.53	0.962205	0.971272	ZB75015.T
	ZB71015.T	50.03	0.958802	0.966972	ZB72015.T	51.53	0.929328	0.969389	ZB74015.T	54.53	0.962364	0.96818	ZB75015.T
	ZB71015.T	50.03	0.956475	0.967977	ZB72015.T	51.53	0.923133	0.963169	ZB74015.T	54.53	0.96264	0.963832	ZB75015.T
	ZB71015.T	50.03	0.955124	0.968554	ZB72015.T	51.53	0.918717	0.95543	ZB74015.T	54.53	0.962245	0.95834	ZB75015.T
	ZB71015.T	50.03	0.954308	0.968762	ZB72015.T	51.53	0.915715	0.94615	ZB74015.T	54.53	0.960346	0.952145	ZB75015.T
	ZB71015.T	50.03	0.953397	0.968814	ZB72015.T	51.53	0.913468	0.935605	ZB74015.T	54.53	0.956299	0.945964	ZB75015.T
	ZB71015.T	50.03	0.951806	0.968843	ZB72015.T	51.53	0.911261	0.924347	ZB74015.T	54.53	0.949903	0.940603	ZB75015.T
	ZB71015.T	50.03	0.949218	0.968668	ZB72015.T	51.53	0.908533	0.913067	ZB74015.T	54.53	0.941503	0.936687	ZB75015.T
	ZB71015.T	50.03	0.94571	0.967687	ZB72015.T	51.53	0.905004	0.902444	ZB74015.T	54.53	0.931882	0.934385	ZB75015.T
	ZB71015.T	50.03	0.941744	0.965017	ZB72015.T	51.53	0.900691	0.893007	ZB74015.T	54.53	0.922021	0.933269	ZB75015.T
	ZB71015.T	50.03	0.937956	0.959838	ZB72015.T	51.53	0.895832	0.885078	ZB74015.T	54.53	0.912816	0.93241	ZB75015.T
	ZB71015.T	50.03	0.934849	0.951847	ZB72015.T	51.53	0.890767	0.878744	ZB74015.T	54.53	0.904913	0.930739	ZB75015.T
	ZB71015.T	50.03	0.932492	0.941576	ZB72015.T	51.53	0.885797	0.873859	ZB74015.T	54.53	0.898632	0.927469	ZB75015.T
	ZB71015.T	50.03	0.930044	0.930416	ZB72015.T	51.53	0.881053	0.870052	ZB74015.T	54.53	0.893954	0.922382	ZB75015.T
	ZB71015.T	50.03	0.927935	0.920213	ZB72015.T	51.53	0.876445	0.866759	ZB74015.T	54.53	0.890559	0.915823	ZB75015.T
	ZB71015.T	50.03	0.924326	0.91252	ZB72015.T	51.53	0.871728	0.863323	ZB74015.T	54.53	0.887915	0.908435	ZB75015.T
	ZB71015.T	50.03	0.919442	0.907914	ZB72015.T	51.53	0.866601	0.859094	ZB74015.T	54.53	0.885409	0.900782	ZB75015.T
	ZB71015.T	50.03	0.913678	0.905752	ZB72015.T	51.53	0.860807	0.853581	ZB74015.T	54.53	0.882533	0.893127	ZB75015.T
	ZB71015.T	50.03	0.907724	0.904538	ZB72015.T	51.53	0.854202	0.846591	ZB74015.T	54.53	0.878987	0.885474	ZB75015.T
	ZB71015.T	50.03	0.902145	0.902811	ZB72015.T	51.53	0.846783	0.838312	ZB74015.T	54.53	0.874685	0.877812	ZB75015.T
	ZB71015.T	50.03	0.897116	0.899936	ZB72015.T	51.53	0.838693	0.829297	ZB74015.T	54.53	0.869677	0.870317	ZB75015.T
	ZB71015.T	50.03	0.892474	0.896299	ZB72015.T	51.53	0.830231	0.820386	ZB74015.T	54.53	0.864073	0.863338	ZB75015.T
	ZB71015.T	50.03	0.887981	0.892824	ZB72015.T	51.53	0.821869	0.812488	ZB74015.T	54.53	0.857985	0.857189	ZB75015.T
	ZB71015.T	50.03	0.883547	0.890145	ZB72015.T	51.53	0.814188	0.806292	ZB74015.T	54.53	0.851506	0.851887	ZB75015.T
	ZB71015.T	50.03	0.879185	0.888037	ZB72015.T	51.53	0.807746	0.802008	ZB74015.T	54.53	0.844691	0.847047	ZB75015.T
	ZB71015.T	50.03	0.874798	0.885535	ZB72015.T	51.53	0.802898	0.799248	ZB74015.T	54.53	0.837532	0.842044	ZB75015.T
	ZB71015.T	50.03	0.870036	0.881545	ZB72015.T	51.53	0.799673	0.797142	ZB74015.T	54.53	0.829953	0.836307	ZB75015.T
	ZB71015.T	50.03	0.864378	0.875512	ZB72015.T	51.53	0.797758	0.794636	ZB74015.T	54.53	0.821835	0.829611	ZB75015.T
	ZB71015.T	50.03	0.857462	0.867666	ZB72015.T	51.53	0.796547	0.790864	ZB74015.T	54.53	0.813117	0.822128	ZB75015.T
	ZB71015.T	50.03	0.849354	0.858746	ZB72015.T	51.53	0.795246	0.785427	ZB74015.T	54.53	0.803882	0.814208	ZB75015.T
	ZB71015.T	50.03	0.840552	0.849513	ZB72015.T	51.53	0.792955	0.778473	ZB74015.T	54.53	0.794382	0.806063	ZB75015.T
	ZB71015.T	50.03	0.83171	0.840402	ZB72015.T	51.53	0.788824	0.770545	ZB74015.T	54.53	0.784907	0.797601	ZB75015.T
	ZB71015.T	50.03	0.823281	0.831499	ZB72015.T	51.53	0.782273	0.762267	ZB74015.T	54.53	0.775612	0.788512	ZB75015.T
	ZB71015.T	50.03	0.815358	0.822734	ZB72015.T	51.53	0.773205	0.754071	ZB74015.T	54.53	0.766404	0.778541	ZB75015.T
	ZB71015.T	50.03	0.8078	0.814076	ZB72015.T	51.53	0.76212	0.746082	ZB74015.T	54.53	0.75702	0.767754	ZB75015.T
	ZB71015.T	50.03	0.800476	0.805568	ZB72015.T	51.53	0.749995	0.7382	ZB74015.T	54.53	0.747248	0.756597	ZB75015.T
	ZB71015.T	50.03	0.793409	0.79726	ZB72015.T	51.53	0.737954	0.730289	ZB74015.T	54.53	0.737149	0.745749	ZB75015.T
	ZB71015.T	50.03	0.786687	0.789159	ZB72015.T	51.53	0.726869	0.722326	ZB74015.T	54.53	0.727092	0.735862	ZB75015.T
	ZB71015.T	50.03	0.780284	0.781262	ZB72015.T	51.53	0.717119	0.714429	ZB74015.T	54.53	0.717595	0.727363	ZB75015.T
	ZB71015.T	50.03	0.773992	0.773638	ZB72015.T	51.53	0.708654	0.706742	ZB74015.T	54.53	0.709095	0.720377	ZB75015.T
	ZB71015.T	50.03	0.767558	0.766466	ZB72015.T	51.53	0.701235	0.699324	ZB74015.T	54.53	0.701817	0.714747	ZB75015.T
	ZB71015.T	50.03	0.760876	0.759947	ZB72015.T	51.53	0.694677	0.692148	ZB74015.T	54.53	0.695759	0.710115	ZB75015.T
	ZB71015.T	50.03	0.754051	0.754163	ZB72015.T	51.53	0.688938	0.685221	ZB74015.T	54.53	0.690748	0.706032	ZB75015.T
	ZB71015.T	50.03	0.747273	0.748962	ZB72015.T	51.53	0.684038	0.678698	ZB74015.T	54.53	0.686498	0.702059	ZB75015.T
	ZB71015.T	50.03	0.740631	0.743946	ZB72015.T	51.53	0.679893	0.672846	ZB74015.T	54.53	0.682659	0.697847	ZB75015.T
	ZB71015.T	50.03	0.734041	0.738628	ZB72015.T	51.53	0.676228	0.667851	ZB74015.T	54.53	0.678888	0.693122	ZB75015.T
	ZB71015.T	50.03	0.727353	0.732662	ZB72015.T	51.53	0.672627	0.663622	ZB74015.T	54.53	0.674919	0.687654	ZB75015.T
	ZB71015.T	50.03	0.720545	0.726028	ZB72015.T	51.53	0.668702	0.659776	ZB74015.T	54.53	0.670637	0.681254	ZB75015.T
	ZB71015.T	50.03	0.713826	0.71906	ZB72015.T	51.53	0.664229	0.655821	ZB74015.T	54.53	0.666117	0.673854	ZB75015.T
	ZB71015.T	50.03	0.707579	0.712269	ZB72015.T	51.53	0.6592	0.651466	ZB74015.T	54.53	0.661559	0.665652	ZB75015.T
	ZB71015.T	50.03	0.702156	0.706035	ZB72015.T	51.53	0.653771	0.646809	ZB74015.T	54.53	0.65715	0.657207	ZB75015.T
	ZB71015.T	50.03	0.697659	0.70038	ZB72015.T	51.53	0.648153	0.64226	ZB74015.T	54.53	0.652878	0.649348	ZB75015.T
	ZB71015.T	50.03	0.693865	0.694963	ZB72015.T	51.53	0.642547	0.638279	ZB74015.T	54.53	0.648468	0.642875	ZB75015.T
	ZB71015.T	50.03	0.690306	0.689321	ZB72015.T	51.53	0.637132	0.635104	ZB74015.T	54.53	0.643493	0.638184	ZB75015.T
	ZB71015.T	50.03	0.686504	0.683232	ZB72015.T	51.53	0.632089	0.632647	ZB74015.T	54.53	0.637615	0.635066	ZB75015.T
	ZB71015.T	50.03	0.682209	0.676906	ZB72015.T	51.53	0.627591	0.630572	ZB74015.T	54.53	0.63081	0.632813	ZB75015.T
	ZB71015.T	50.03	0.677521	0.670876	ZB72015.T	51.53	0.623721	0.628449	ZB74015.T	54.53	0.623422	0.630586	ZB75015.T
	ZB71015.T	50.03	0.672839	0.665683	ZB72015.T	51.53	0.620404	0.625889	ZB74015.T	54.53	0.616029	0.62779	ZB75015.T
	ZB71015.T	50.03	0.668618	0.66153	ZB72015.T	51.53	0.617429	0.622619	ZB74015.T	54.53	0.609175	0.624236	ZB75015.T
	ZB71015.T	50.03	0.665043	0.658072	ZB72015.T	51.53	0.614612	0.618486	ZB74015.T	54.53	0.603171	0.619995	ZB75015.T
	ZB71015.T	50.03	0.661712	0.654412	ZB72015.T	51.53	0.612041	0.613436	ZB74015.T	54.53	0.598024	0.615095	ZB75015.T
	ZB71015.T	50.03	0.657539	0.649224	ZB72015.T	51.53	0.610217	0.607461	ZB74015.T	54.53	0.593483	0.60928	ZB75015.T
	ZB71015.T	50.03	0.65091										

depth.98	RawTest1.98	RawTest2.98	name.99	depth.99	RawTest1.99	RawTest2.99	name.100	depth.100	RawTest1.100	RawTest2.100	name.101	depth.101	RawTest1.101
56.04	0.976242	1.016917	ZB75135.T	57.24	1.009587	1.010422	ZB77015.T	59.04	0.985601	1.03791	ZB81015.T	60.1	1.016983
56.04	0.976678	1.017709	ZB75135.T	57.24	1.009198	1.012698	ZB77015.T	59.04	0.983205	1.03406	ZB81015.T	60.1	1.014482
56.04	0.976921	1.01854	ZB75135.T	57.24	1.008213	1.015909	ZB77015.T	59.04	0.978888	1.02641	ZB81015.T	60.1	1.010188
56.04	0.976428	1.018235	ZB75135.T	57.24	1.006565	1.01703	ZB77015.T	59.04	0.975239	1.018681	ZB81015.T	60.1	1.00667
56.04	0.975403	1.016613	ZB75135.T	57.24	1.003719	1.015839	ZB77015.T	59.04	0.972233	1.010782	ZB81015.T	60.1	1.003612
56.04	0.974087	1.013508	ZB75135.T	57.24	0.999225	1.012477	ZB77015.T	59.04	0.969684	1.002623	ZB81015.T	60.1	1.000595
56.04	0.972625	1.008788	ZB75135.T	57.24	0.9929	1.007433	ZB77015.T	59.04	0.967203	0.994095	ZB81015.T	60.1	0.997212
56.04	0.970968	1.00241	ZB75135.T	57.24	0.984993	1.001404	ZB77015.T	59.04	0.964228	0.985094	ZB81015.T	60.1	0.993178
56.04	0.968836	0.994504	ZB75135.T	57.24	0.97623	0.995067	ZB77015.T	59.04	0.960115	0.975599	ZB81015.T	60.1	0.988439
56.04	0.965779	0.985437	ZB75135.T	57.24	0.967691	0.988835	ZB77015.T	59.04	0.954352	0.965746	ZB81015.T	60.1	0.983245
56.04	0.961344	0.975796	ZB75135.T	57.24	0.960552	0.982747	ZB77015.T	59.04	0.946762	0.955826	ZB81015.T	60.1	0.978148
56.04	0.955271	0.966261	ZB75135.T	57.24	0.955712	0.976574	ZB77015.T	59.04	0.937627	0.946155	ZB81015.T	60.1	0.973907
56.04	0.947676	0.957431	ZB75135.T	57.24	0.953482	0.970122	ZB77015.T	59.04	0.927651	0.936897	ZB81015.T	60.1	0.971267
56.04	0.939102	0.949648	ZB75135.T	57.24	0.953398	0.963564	ZB77015.T	59.04	0.917734	0.927929	ZB81015.T	60.1	0.97064
56.04	0.930372	0.942952	ZB75135.T	57.24	0.954301	0.957561	ZB77015.T	59.04	0.908669	0.918898	ZB81015.T	60.1	0.971853
56.04	0.922284	0.937152	ZB75135.T	57.24	0.954695	0.95303	ZB77015.T	59.04	0.900849	0.909445	ZB81015.T	60.1	0.974094
56.04	0.915273	0.931949	ZB75135.T	57.24	0.953216	0.950646	ZB77015.T	59.04	0.894141	0.899466	ZB81015.T	60.1	0.976121
56.04	0.909239	0.927014	ZB75135.T	57.24	0.949151	0.95033	ZB77015.T	59.04	0.887976	0.889252	ZB81015.T	60.1	0.976693
56.04	0.903656	0.922012	ZB75135.T	57.24	0.942709	0.951074	ZB77015.T	59.04	0.881624	0.879398	ZB81015.T	60.1	0.97499
56.04	0.897953	0.916583	ZB75135.T	57.24	0.934965	0.951284	ZB77015.T	59.04	0.874537	0.870541	ZB81015.T	60.1	0.970818
56.04	0.891942	0.910394	ZB75135.T	57.24	0.927492	0.949432	ZB77015.T	59.04	0.866627	0.863072	ZB81015.T	60.1	0.964548
56.04	0.88604	0.903231	ZB75135.T	57.24	0.921817	0.944769	ZB77015.T	59.04	0.858347	0.856975	ZB81015.T	60.1	0.956871
56.04	0.881077	0.895118	ZB75135.T	57.24	0.918876	0.937614	ZB77015.T	59.04	0.850515	0.851858	ZB81015.T	60.1	0.948557
56.04	0.877761	0.886332	ZB75135.T	57.24	0.918696	0.929115	ZB77015.T	59.04	0.843951	0.847126	ZB81015.T	60.1	0.940327
56.04	0.876109	0.877245	ZB75135.T	57.24	0.920437	0.920705	ZB77015.T	59.04	0.839126	0.842234	ZB81015.T	60.1	0.932832
56.04	0.875261	0.868109	ZB75135.T	57.24	0.922698	0.913552	ZB77015.T	59.04	0.835982	0.836879	ZB81015.T	60.1	0.926611
56.04	0.873815	0.858932	ZB75135.T	57.24	0.92398	0.908277	ZB77015.T	59.04	0.833948	0.831089	ZB81015.T	60.1	0.921975
56.04	0.870538	0.849569	ZB75135.T	57.24	0.923131	0.904911	ZB77015.T	59.04	0.832108	0.825136	ZB81015.T	60.1	0.918856
56.04	0.864948	0.839941	ZB75135.T	57.24	0.919617	0.902999	ZB77015.T	59.04	0.829464	0.819381	ZB81015.T	60.1	0.916731
56.04	0.857442	0.830309	ZB75135.T	57.24	0.913534	0.901766	ZB77015.T	59.04	0.82522	0.814129	ZB81015.T	60.1	0.914708
56.04	0.84896	0.821351	ZB75135.T	57.24	0.905422	0.90028	ZB77015.T	59.04	0.819078	0.809549	ZB81015.T	60.1	0.911784
56.04	0.840411	0.813994	ZB75135.T	57.24	0.896006	0.897651	ZB77015.T	59.04	0.811403	0.8056	ZB81015.T	60.1	0.907193
56.04	0.832271	0.808987	ZB75135.T	57.24	0.885996	0.893259	ZB77015.T	59.04	0.803119	0.801996	ZB81015.T	60.1	0.900671
56.04	0.824576	0.806506	ZB75135.T	57.24	0.876043	0.886918	ZB77015.T	59.04	0.795317	0.798223	ZB81015.T	60.1	0.892506
56.04	0.8172	0.805961	ZB75135.T	57.24	0.866722	0.878962	ZB77015.T	59.04	0.788727	0.793643	ZB81015.T	60.1	0.883374
56.04	0.810123	0.806161	ZB75135.T	57.24	0.85848	0.870173	ZB77015.T	59.04	0.783304	0.787715	ZB81015.T	60.1	0.874078
56.04	0.803466	0.805779	ZB75135.T	57.24	0.851502	0.861547	ZB77015.T	59.04	0.778266	0.780225	ZB81015.T	60.1	0.865292
56.04	0.797301	0.803824	ZB75135.T	57.24	0.845629	0.85397	ZB77015.T	59.04	0.772612	0.771402	ZB81015.T	60.1	0.857446
56.04	0.791453	0.799926	ZB75135.T	57.24	0.840447	0.847843	ZB77015.T	59.04	0.765776	0.761885	ZB81015.T	60.1	0.850675
56.04	0.785457	0.794318	ZB75135.T	57.24	0.835507	0.842881	ZB77015.T	59.04	0.757989	0.752468	ZB81015.T	60.1	0.844806
56.04	0.778754	0.787555	ZB75135.T	57.24	0.830554	0.838155	ZB77015.T	59.04	0.750042	0.74378	ZB81015.T	60.1	0.839381
56.04	0.770953	0.780148	ZB75135.T	57.24	0.825572	0.832486	ZB77015.T	59.04	0.74262	0.736038	ZB81015.T	60.1	0.833739
56.04	0.76197	0.77231	ZB75135.T	57.24	0.82059	0.824978	ZB77015.T	59.04	0.73572	0.729011	ZB81015.T	60.1	0.827194
56.04	0.752019	0.763915	ZB75135.T	57.24	0.815428	0.815485	ZB77015.T	59.04	0.728574	0.722142	ZB81015.T	60.1	0.819269
56.04	0.741478	0.754629	ZB75135.T	57.24	0.809612	0.804711	ZB77015.T	59.04	0.720162	0.7148	ZB81015.T	60.1	0.809848
56.04	0.730758	0.744163	ZB75135.T	57.24	0.802592	0.793872	ZB77015.T	59.04	0.709931	0.706525	ZB81015.T	60.1	0.799181
56.04	0.720249	0.732524	ZB75135.T	57.24	0.794115	0.7841	ZB77015.T	59.04	0.698216	0.697178	ZB81015.T	60.1	0.787738
56.04	0.71032	0.720191	ZB75135.T	57.24	0.784497	0.775913	ZB77015.T	59.04	0.68609	0.686978	ZB81015.T	60.1	0.776005
56.04	0.701291	0.708087	ZB75135.T	57.24	0.774588	0.769047	ZB77015.T	59.04	0.67482	0.676449	ZB81015.T	60.1	0.764359
56.04	0.693387	0.697364	ZB75135.T	57.24	0.76541	0.762761	ZB77015.T	59.04	0.665282	0.666291	ZB81015.T	60.1	0.753058
56.04	0.686728	0.688998	ZB75135.T	57.24	0.757679	0.756359	ZB77015.T	59.04	0.657706	0.657151	ZB81015.T	60.1	0.742301
56.04	0.681318	0.6834	ZB75135.T	57.24	0.751514	0.749538	ZB77015.T	59.04	0.651795	0.649377	ZB81015.T	60.1	0.732285
56.04	0.677018	0.68021	ZB75135.T	57.24	0.746449	0.742416	ZB77015.T	59.04	0.647044	0.642863	ZB81015.T	60.1	0.72318
56.04	0.673505	0.67843	ZB75135.T	57.24	0.741733	0.735269	ZB77015.T	59.04	0.643035	0.63711	ZB81015.T	60.1	0.71506
56.04	0.670291	0.676842	ZB75135.T	57.24	0.736682	0.728276	ZB77015.T	59.04	0.639511	0.63147	ZB81015.T	60.1	0.707862
56.04	0.666814	0.674474	ZB75135.T	57.24	0.730915	0.721444	ZB77015.T	59.04	0.636247	0.625455	ZB81015.T	60.1	0.701433
56.04	0.662583	0.670837	ZB75135.T	57.24	0.724392	0.714727	ZB77015.T	59.04	0.632873	0.618942	ZB81015.T	60.1	0.695648
56.04	0.657362	0.665917	ZB75135.T	57.24	0.717314	0.708247	ZB77015.T	59.04	0.628828	0.612227	ZB81015.T	60.1	0.690474
56.04	0.651266	0.65996	ZB75135.T	57.24	0.709942	0.702325	ZB77015.T	59.04	0.623534	0.605872	ZB81015.T	60.1	0.685993
56.04	0.64471	0.653281	ZB75135.T	57.24	0.702462	0.697382	ZB77015.T	59.04	0.616705	0.600462	ZB81015.T	60.1	0.682354
56.04	0.638259	0.646202	ZB75135.T	57.24	0.69494	0.693706	ZB77015.T	59.04	0.608613	0.596361	ZB81015.T	60.1	0.679689
56.04	0.632439	0.63908	ZB75135.T	57.24	0.687414	0.691246	ZB77015.T	59.04	0.600137	0.593582	ZB81015.T	60.1	0.678014
56.04	0.627563	0.632323	ZB75135.T	57.24	0.680039	0.689573	ZB77015.T	59.04	0.592451	0.591787	ZB81015.T	60.1	0.67712
56.04	0.623633	0.626304	ZB75135.T	57.24	0.673138	0.688013	ZB77015.T	59.04	0.586537	0.590358	ZB81015.T	60.1	0.676447
56.04	0.62033	0.621197	ZB75135.T	57.24	0.667096	0.685899	ZB77015.T	59.04	0.582757	0.588547	ZB81015.T	60.1	0.675147
56.04	0.617098	0.616857	ZB75135.T	57.24	0.662139	0.68278	ZB77015.T	59.04	0.580736	0.585679	ZB81015.T	60.1	0.672339
56.04	0.613323	0.612884	ZB75135.T	57.24	0.658134	0.678509	ZB77015.T	59.04	0.579634	0.581387	ZB81015.T	60.1	0.667523
56.04	0.608591	0.608862	ZB75135.T	57.24	0.654573	0.673157	ZB77015.T	59.04	0.5786	0.575778	ZB81015.T	60.1	0.66089
56.04	0.602882	0.604599	ZB75135.T	57.24	0.650776	0.666845	ZB77015.T	59.04	0.577101	0.56943	ZB81015.T	60.1	0.653303
56.04	0.596614	0.600237	ZB75135.T	57.24	0.646176	0.659658	ZB77015.T	59.04	0.574946	0.563157	ZB81015.T	60.1	0.645857
56.04	0.590528	0.596147	ZB75135.T	57.24	0.64056	0.651674	ZB77015.T	59.04	0.572087	0.557575	ZB81015.T	60.1	0.63937
56.04	0.585361	0.592639	ZB75135.T	57.24	0.634203	0.643116	ZB77015.T	59.04	0.568458				

RawTest2.101	name.102	depth.102	RawTest1. RawTest2.102	name.103	depth.103	RawTest1. RawTest2.103	name.104	depth.104	RawTest1. RawTest2.104
0.979762	ZB81105.T	61	1.030102 1.017043	ZB82045.T	61.9	1.01288 1.043131	ZB83075.T	63.71	1.003522 1.00645
0.979772	ZB81105.T	61	1.027386 1.016418	ZB82045.T	61.9	1.011855 1.040503	ZB83075.T	63.71	1.005919 1.00362
0.979371	ZB81105.T	61	1.021411 1.014138	ZB82045.T	61.9	1.00897 1.034465	ZB83075.T	63.71	1.009299 0.997311
0.978314	ZB81105.T	61	1.014529 1.01055	ZB82045.T	61.9	1.004734 1.027499	ZB83075.T	63.71	1.010492 0.990136
0.976513	ZB81105.T	61	1.006678 1.005909	ZB82045.T	61.9	0.999148 1.020026	ZB83075.T	63.71	1.00921 0.982389
0.973973	ZB81105.T	61	0.998019 1.000634	ZB82045.T	61.9	0.992643 1.012617	ZB83075.T	63.71	1.005347 0.974612
0.970834	ZB81105.T	61	0.98891 0.995175	ZB82045.T	61.9	0.985991 1.005829	ZB83075.T	63.71	0.998992 0.967429
0.967388	ZB81105.T	61	0.979818 0.989917	ZB82045.T	61.9	0.980038 1.000018	ZB83075.T	63.71	0.990408 0.961274
0.964055	ZB81105.T	61	0.971205 0.985141	ZB82045.T	61.9	0.975419 0.995242	ZB83075.T	63.71	0.980009 0.956119
0.961296	ZB81105.T	61	0.963432 0.981022	ZB82045.T	61.9	0.972312 0.991276	ZB83075.T	63.71	0.968331 0.951378
0.959477	ZB81105.T	61	0.956675 0.977633	ZB82045.T	61.9	0.97041 0.987699	ZB83075.T	63.71	0.956011 0.946123
0.958717	ZB81105.T	61	0.950896 0.974887	ZB82045.T	61.9	0.969095 0.984027	ZB83075.T	63.71	0.943794 0.939516
0.958805	ZB81105.T	61	0.945873 0.972475	ZB82045.T	61.9	0.967722 0.979818	ZB83075.T	63.71	0.932526 0.931309
0.959212	ZB81105.T	61	0.941336 0.969881	ZB82045.T	61.9	0.965843 0.974785	ZB83075.T	63.71	0.923066 0.922091
0.959239	ZB81105.T	61	0.937161 0.966535	ZB82045.T	61.9	0.963312 0.96888	ZB83075.T	63.71	0.916095 0.913033
0.958234	ZB81105.T	61	0.933543 0.962093	ZB82045.T	61.9	0.960217 0.962338	ZB83075.T	63.71	0.911826 0.905305
0.955818	ZB81105.T	61	0.931018 0.956674	ZB82045.T	61.9	0.956731 0.95568	ZB83075.T	63.71	0.909767 0.899354
0.952017	ZB81105.T	61	0.930265 0.950865	ZB82045.T	61.9	0.952998 0.94959	ZB83075.T	63.71	0.908688 0.89461
0.947269	ZB81105.T	61	0.931749 0.945455	ZB82045.T	61.9	0.949059 0.944687	ZB83075.T	63.71	0.906943 0.889784
0.942261	ZB81105.T	61	0.935382 0.941005	ZB82045.T	61.9	0.944844 0.94128	ZB83075.T	63.71	0.903031 0.88357
0.93763	ZB81105.T	61	0.940373 0.937548	ZB82045.T	61.9	0.940203 0.939219	ZB83075.T	63.71	0.896148 0.875405
0.933658	ZB81105.T	61	0.945328 0.934583	ZB82045.T	61.9	0.934925 0.937956	ZB83075.T	63.71	0.886449 0.865767
0.93012	ZB81105.T	61	0.948593 0.931364	ZB82045.T	61.9	0.928771 0.936825	ZB83075.T	63.71	0.874908 0.855943
0.926447	ZB81105.T	61	0.948737 0.927338	ZB82045.T	61.9	0.921543 0.935364	ZB83075.T	63.71	0.862852 0.847344
0.922078	ZB81105.T	61	0.945024 0.922434	ZB82045.T	61.9	0.913265 0.933471	ZB83075.T	63.71	0.851467 0.840808
0.916842	ZB81105.T	61	0.937698 0.917068	ZB82045.T	61.9	0.904395 0.931261	ZB83075.T	63.71	0.841554 0.836249
0.911121	ZB81105.T	61	0.927976 0.911865	ZB82045.T	61.9	0.895894 0.928746	ZB83075.T	63.71	0.83354 0.832767
0.905668	ZB81105.T	61	0.917696 0.907315	ZB82045.T	61.9	0.888966 0.925612	ZB83075.T	63.71	0.827581 0.829154
0.901205	ZB81105.T	61	0.908692 0.903589	ZB82045.T	61.9	0.884531 0.921309	ZB83075.T	63.71	0.823592 0.824452
0.897995	ZB81105.T	61	0.902187 0.900581	ZB82045.T	61.9	0.882738 0.9154	ZB83075.T	63.71	0.821132 0.818366
0.895664	ZB81105.T	61	0.89835 0.898054	ZB82045.T	61.9	0.882802 0.907907	ZB83075.T	63.71	0.819285 0.811293
0.893336	ZB81105.T	61	0.89628 0.895773	ZB82045.T	61.9	0.883324 0.89941	ZB83075.T	63.71	0.816782 0.803988
0.890014	ZB81105.T	61	0.894461 0.893512	ZB82045.T	61.9	0.882932 0.890795	ZB83075.T	63.71	0.812413 0.797067
0.885047	ZB81105.T	61	0.891452 0.891012	ZB82045.T	61.9	0.880784 0.882809	ZB83075.T	63.71	0.805515 0.790729
0.878368	ZB81105.T	61	0.886477 0.887931	ZB82045.T	61.9	0.876739 0.875752	ZB83075.T	63.71	0.796284 0.78479
0.870458	ZB81105.T	61	0.879702 0.88389	ZB82045.T	61.9	0.871164 0.869434	ZB83075.T	63.71	0.785723 0.779025
0.862059	ZB81105.T	61	0.872045 0.878652	ZB82045.T	61.9	0.86456 0.863408	ZB83075.T	63.71	0.775167 0.773522
0.853816	ZB81105.T	61	0.864671 0.872279	ZB82045.T	61.9	0.857325 0.857254	ZB83075.T	63.71	0.765757 0.768722
0.846029	ZB81105.T	61	0.858473 0.865155	ZB82045.T	61.9	0.849706 0.850688	ZB83075.T	63.71	0.75804 0.76508
0.838609	ZB81105.T	61	0.853695 0.857819	ZB82045.T	61.9	0.841862 0.843555	ZB83075.T	63.71	0.751909 0.762529
0.831193	ZB81105.T	61	0.849873 0.850655	ZB82045.T	61.9	0.833879 0.835758	ZB83075.T	63.71	0.746806 0.760199
0.823363	ZB81105.T	61	0.846065 0.843656	ZB82045.T	61.9	0.825681 0.827235	ZB83075.T	63.71	0.742006 0.756672
0.814842	ZB81105.T	61	0.841227 0.836403	ZB82045.T	61.9	0.816959 0.817973	ZB83075.T	63.71	0.736865 0.750637
0.805623	ZB81105.T	61	0.834618 0.828313	ZB82045.T	61.9	0.807264 0.808057	ZB83075.T	63.71	0.730969 0.741557
0.795921	ZB81105.T	61	0.826087 0.819043	ZB82045.T	61.9	0.796283 0.797677	ZB83075.T	63.71	0.724232 0.729957
0.786022	ZB81105.T	61	0.816119 0.808773	ZB82045.T	61.9	0.784136 0.787093	ZB83075.T	63.71	0.716863 0.717157
0.776147	ZB81105.T	61	0.805625 0.798217	ZB82045.T	61.9	0.771445 0.776552	ZB83075.T	63.71	0.709241 0.704674
0.766403	ZB81105.T	61	0.795602 0.788358	ZB82045.T	61.9	0.759096 0.766245	ZB83075.T	63.71	0.701673 0.693654
0.756808	ZB81105.T	61	0.786774 0.780067	ZB82045.T	61.9	0.747788 0.756286	ZB83075.T	63.71	0.694215 0.684525
0.747397	ZB81105.T	61	0.779356 0.77377	ZB82045.T	61.9	0.73825 0.746709	ZB83075.T	63.71	0.686632 0.67706
0.738327	ZB81105.T	61	0.77305 0.769343	ZB82045.T	61.9	0.730272 0.737505	ZB83075.T	63.71	0.678572 0.670685
0.729874	ZB81105.T	61	0.76723 0.766238	ZB82045.T	61.9	0.72379 0.728703	ZB83075.T	63.71	0.669839 0.664827
0.722334	ZB81105.T	61	0.761253 0.763732	ZB82045.T	61.9	0.718509 0.720424	ZB83075.T	63.71	0.660614 0.659154
0.715837	ZB81105.T	61	0.754701 0.761144	ZB82045.T	61.9	0.714007 0.712808	ZB83075.T	63.71	0.651439 0.653654
0.71019	ZB81105.T	61	0.747501 0.757918	ZB82045.T	61.9	0.709713 0.705856	ZB83075.T	63.71	0.643008 0.648493
0.704873	ZB81105.T	61	0.739871 0.753643	ZB82045.T	61.9	0.704947 0.699328	ZB83075.T	63.71	0.635872 0.643776
0.69923	ZB81105.T	61	0.732163 0.748082	ZB82045.T	61.9	0.699095 0.692793	ZB83075.T	63.71	0.630252 0.639338
0.692789	ZB81105.T	61	0.724698 0.741284	ZB82045.T	61.9	0.691858 0.685833	ZB83075.T	63.71	0.625983 0.634749
0.685523	ZB81105.T	61	0.717672 0.73368	ZB82045.T	61.9	0.683395 0.678309	ZB83075.T	63.71	0.622634 0.629514
0.677896	ZB81105.T	61	0.711168 0.726039	ZB82045.T	61.9	0.674248 0.670547	ZB83075.T	63.71	0.619699 0.623362
0.670655	ZB81105.T	61	0.705206 0.719182	ZB82045.T	61.9	0.665076 0.663277	ZB83075.T	63.71	0.616768 0.6164
0.664475	ZB81105.T	61	0.699791 0.713601	ZB82045.T	61.9	0.656356 0.657358	ZB83075.T	63.71	0.613611 0.609075
0.65963	ZB81105.T	61	0.694901 0.709107	ZB82045.T	61.9	0.648254 0.653332	ZB83075.T	63.71	0.61015 0.601903
0.655835	ZB81105.T	61	0.69047 0.704832	ZB82045.T	61.9	0.640715 0.651103	ZB83075.T	63.71	0.606354 0.595232
0.652361	ZB81105.T	61	0.686399 0.699652	ZB82045.T	61.9	0.633653 0.649884	ZB83075.T	63.71	0.602107 0.58914
0.648363	ZB81105.T	61	0.682621 0.692783	ZB82045.T	61.9	0.627068 0.648404	ZB83075.T	63.71	0.59714 0.583516
0.643289	ZB81105.T	61	0.679175 0.684322	ZB82045.T	61.9	0.620995 0.645338	ZB83075.T	63.71	0.591093 0.578245
0.637196	ZB81105.T	61	0.676211 0.675315	ZB82045.T	61.9	0.615365 0.639778	ZB83075.T	63.71	0.583751 0.573317
0.630744	ZB81105.T	61	0.673883 0.667281	ZB82045.T	61.9	0.609927 0.631583	ZB83075.T	63.71	0.575283 0.568831
0.624866	ZB81105.T	61	0.67217 0.661457	ZB82045.T	61.9	0.604357 0.62148	ZB83075.T	63.71	0.566357 0.564908
0.620316	ZB81105.T	61	0.670753 0.658174	ZB82045.T	61.9	0.598469 0.61085	ZB83075.T	63.71	0.558 0.561594
0.617274	ZB81105.T	61	0.669113 0.656729	ZB82045.T	61.9	0.592421 0.601206	ZB83075.T	63.71	0.551176 0.558787
0.615286	ZB81105.T	61	0.66687 0.655816	ZB82045.T	61.9	0.586745 0.593572	ZB83075.T	63.71	0.546303 0.55619
0.613565	ZB81105.T	61	0.664193 0.654232	ZB82045.T	61.9	0.582222 0.588015	ZB83075.T	63.71	0.542901 0.55332
0.611459	ZB81105.T	61	0.662058 0.651475	ZB82045.T	61.9	0.579641 0.583517	ZB83075.T	63.71	0.539561 0.54955
0.608804	ZB81105.T	61	0.66211 0.647943	ZB82045.T	61.9	0.579589 0.578314	ZB83075.T	63.71	0.534296 0.544238
0.605982	ZB81105.T	61	0.666158 0.64464	ZB82045.T	61.9	0.582327 0.570516	ZB83075.T	63.71	0.525134 0.536896

name.105	depth.105	RawTest1.105	RawTest2.105	name.106	depth.106	RawTest1.106	RawTest2.106	name.107	depth.107	RawTest1.107	RawTest2.107	name.108	depth.108
ZB84015.T	64.64	1.001898	1.020422	ZB85045.T	66.45	0.970706	1.012444	ZB86075.T	68.26	0.992737	0.945247	ZB87015.T	69.16
ZB84015.T	64.64	1.0011	1.017988	ZB85045.T	66.45	0.968162	1.012443	ZB86075.T	68.26	0.99325	0.949327	ZB87015.T	69.16
ZB84015.T	64.64	0.999485	1.012784	ZB85045.T	66.45	0.963554	1.012004	ZB86075.T	68.26	0.993942	0.957273	ZB87015.T	69.16
ZB84015.T	64.64	0.997874	1.007376	ZB85045.T	66.45	0.959692	1.011061	ZB86075.T	68.26	0.994155	0.964878	ZB87015.T	69.16
ZB84015.T	64.64	0.996269	1.002204	ZB85045.T	66.45	0.956597	1.009736	ZB86075.T	68.26	0.993888	0.971812	ZB87015.T	69.16
ZB84015.T	64.64	0.994575	0.997708	ZB85045.T	66.45	0.954095	1.00814	ZB86075.T	68.26	0.993151	0.9776	ZB87015.T	69.16
ZB84015.T	64.64	0.992554	0.994174	ZB85045.T	66.45	0.95184	1.006289	ZB86075.T	68.26	0.991904	0.981737	ZB87015.T	69.16
ZB84015.T	64.64	0.989825	0.991628	ZB85045.T	66.45	0.949414	1.004057	ZB86075.T	68.26	0.989989	0.983826	ZB87015.T	69.16
ZB84015.T	64.64	0.985955	0.989818	ZB85045.T	66.45	0.946496	1.001166	ZB86075.T	68.26	0.987134	0.983671	ZB87015.T	69.16
ZB84015.T	64.64	0.980632	0.988279	ZB85045.T	66.45	0.943031	0.997255	ZB86075.T	68.26	0.982999	0.981306	ZB87015.T	69.16
ZB84015.T	64.64	0.973866	0.98646	ZB85045.T	66.45	0.939323	0.991987	ZB86075.T	68.26	0.9773	0.976986	ZB87015.T	69.16
ZB84015.T	64.64	0.966124	0.983878	ZB85045.T	66.45	0.935969	0.985194	ZB86075.T	68.26	0.969901	0.971102	ZB87015.T	69.16
ZB84015.T	64.64	0.958291	0.980282	ZB85045.T	66.45	0.933631	0.977	ZB86075.T	68.26	0.960863	0.964064	ZB87015.T	69.16
ZB84015.T	64.64	0.951387	0.975759	ZB85045.T	66.45	0.932715	0.96787	ZB86075.T	68.26	0.950445	0.95617	ZB87015.T	69.16
ZB84015.T	64.64	0.946214	0.970732	ZB85045.T	66.45	0.933071	0.958523	ZB86075.T	68.26	0.939092	0.947535	ZB87015.T	69.16
ZB84015.T	64.64	0.943046	0.965811	ZB85045.T	66.45	0.933854	0.949732	ZB86075.T	68.26	0.927439	0.938172	ZB87015.T	69.16
ZB84015.T	64.64	0.941561	0.96158	ZB85045.T	66.45	0.933682	0.94212	ZB86075.T	68.26	0.916305	0.928181	ZB87015.T	69.16
ZB84015.T	64.64	0.941025	0.958383	ZB85045.T	66.45	0.931092	0.935988	ZB86075.T	68.26	0.906566	0.917948	ZB87015.T	69.16
ZB84015.T	64.64	0.940625	0.95623	ZB85045.T	66.45	0.92519	0.931303	ZB86075.T	68.26	0.898886	0.908162	ZB87015.T	69.16
ZB84015.T	64.64	0.939751	0.954808	ZB85045.T	66.45	0.916135	0.927809	ZB86075.T	68.26	0.89338	0.899578	ZB87015.T	69.16
ZB84015.T	64.64	0.938077	0.953534	ZB85045.T	66.45	0.905144	0.925164	ZB86075.T	68.26	0.889442	0.89263	ZB87015.T	69.16
ZB84015.T	64.64	0.935494	0.951632	ZB85045.T	66.45	0.894009	0.923011	ZB86075.T	68.26	0.885874	0.88718	ZB87015.T	69.16
ZB84015.T	64.64	0.931984	0.948221	ZB85045.T	66.45	0.884298	0.920975	ZB86075.T	68.26	0.881386	0.882578	ZB87015.T	69.16
ZB84015.T	64.64	0.927562	0.942537	ZB85045.T	66.45	0.876724	0.91865	ZB86075.T	68.26	0.875228	0.878023	ZB87015.T	69.16
ZB84015.T	64.64	0.922299	0.934237	ZB85045.T	66.45	0.871022	0.915634	ZB86075.T	68.26	0.867592	0.872928	ZB87015.T	69.16
ZB84015.T	64.64	0.916364	0.923691	ZB85045.T	66.45	0.866365	0.911635	ZB86075.T	68.26	0.859524	0.867138	ZB87015.T	69.16
ZB84015.T	64.64	0.910064	0.912063	ZB85045.T	66.45	0.862019	0.906578	ZB86075.T	68.26	0.852381	0.860896	ZB87015.T	69.16
ZB84015.T	64.64	0.903824	0.900932	ZB85045.T	66.45	0.857803	0.900652	ZB86075.T	68.26	0.847106	0.854643	ZB87015.T	69.16
ZB84015.T	64.64	0.89809	0.891663	ZB85045.T	66.45	0.854067	0.894217	ZB86075.T	68.26	0.843764	0.848777	ZB87015.T	69.16
ZB84015.T	64.64	0.893146	0.884793	ZB85045.T	66.45	0.85128	0.887654	ZB86075.T	68.26	0.841527	0.843503	ZB87015.T	69.16
ZB84015.T	64.64	0.888941	0.879845	ZB85045.T	66.45	0.84957	0.881185	ZB86075.T	68.26	0.839065	0.838823	ZB87015.T	69.16
ZB84015.T	64.64	0.885035	0.875655	ZB85045.T	66.45	0.848521	0.874758	ZB86075.T	68.26	0.835139	0.834579	ZB87015.T	69.16
ZB84015.T	64.64	0.880731	0.871039	ZB85045.T	66.45	0.847366	0.868105	ZB86075.T	68.26	0.829071	0.830496	ZB87015.T	69.16
ZB84015.T	64.64	0.875342	0.865379	ZB85045.T	66.45	0.845393	0.860935	ZB86075.T	68.26	0.820927	0.826278	ZB87015.T	69.16
ZB84015.T	64.64	0.868544	0.858824	ZB85045.T	66.45	0.842349	0.853158	ZB86075.T	68.26	0.811443	0.821744	ZB87015.T	69.16
ZB84015.T	64.64	0.860607	0.852059	ZB85045.T	66.45	0.838567	0.845012	ZB86075.T	68.26	0.801744	0.816938	ZB87015.T	69.16
ZB84015.T	64.64	0.852327	0.845831	ZB85045.T	66.45	0.834764	0.837004	ZB86075.T	68.26	0.792995	0.812122	ZB87015.T	69.16
ZB84015.T	64.64	0.84469	0.840578	ZB85045.T	66.45	0.831656	0.829678	ZB86075.T	68.26	0.786023	0.807609	ZB87015.T	69.16
ZB84015.T	64.64	0.838423	0.836286	ZB85045.T	66.45	0.829513	0.823284	ZB86075.T	68.26	0.781024	0.80351	ZB87015.T	69.16
ZB84015.T	64.64	0.833612	0.832566	ZB85045.T	66.45	0.827919	0.817577	ZB86075.T	68.26	0.777445	0.79954	ZB87015.T	69.16
ZB84015.T	64.64	0.829597	0.828839	ZB85045.T	66.45	0.825821	0.811867	ZB86075.T	68.26	0.774137	0.79507	ZB87015.T	69.16
ZB84015.T	64.64	0.825159	0.824485	ZB85045.T	66.45	0.821845	0.805321	ZB86075.T	68.26	0.7698	0.789358	ZB87015.T	69.16
ZB84015.T	64.64	0.818904	0.818933	ZB85045.T	66.45	0.814793	0.797346	ZB86075.T	68.26	0.763423	0.781842	ZB87015.T	69.16
ZB84015.T	64.64	0.809794	0.811742	ZB85045.T	66.45	0.804095	0.787873	ZB86075.T	68.26	0.75461	0.772339	ZB87015.T	69.16
ZB84015.T	64.64	0.797592	0.802682	ZB85045.T	66.45	0.790054	0.777347	ZB86075.T	68.26	0.743613	0.7611	ZB87015.T	69.16
ZB84015.T	64.64	0.783076	0.79181	ZB85045.T	66.45	0.777372	0.766482	ZB86075.T	68.26	0.731128	0.748728	ZB87015.T	69.16
ZB84015.T	64.64	0.767831	0.779514	ZB85045.T	66.45	0.756557	0.75593	ZB86075.T	68.26	0.718005	0.736026	ZB87015.T	69.16
ZB84015.T	64.64	0.753667	0.766439	ZB85045.T	66.45	0.74003	0.746079	ZB86075.T	68.26	0.705027	0.723772	ZB87015.T	69.16
ZB84015.T	64.64	0.741869	0.753324	ZB85045.T	66.45	0.725262	0.737039	ZB86075.T	68.26	0.69277	0.712452	ZB87015.T	69.16
ZB84015.T	64.64	0.732668	0.740816	ZB85045.T	66.45	0.712846	0.728758	ZB86075.T	68.26	0.681523	0.702097	ZB87015.T	69.16
ZB84015.T	64.64	0.725293	0.729379	ZB85045.T	66.45	0.702856	0.721167	ZB86075.T	68.26	0.671268	0.692341	ZB87015.T	69.16
ZB84015.T	64.64	0.718528	0.71926	ZB85045.T	66.45	0.695001	0.714243	ZB86075.T	68.26	0.661712	0.682669	ZB87015.T	69.16
ZB84015.T	64.64	0.711412	0.710516	ZB85045.T	66.45	0.688814	0.708013	ZB86075.T	68.26	0.6524	0.672748	ZB87015.T	69.16
ZB84015.T	64.64	0.703661	0.703043	ZB85045.T	66.45	0.683817	0.702507	ZB86075.T	68.26	0.642901	0.66263	ZB87015.T	69.16
ZB84015.T	64.64	0.695569	0.696614	ZB85045.T	66.45	0.679578	0.697721	ZB86075.T	68.26	0.632987	0.652725	ZB87015.T	69.16
ZB84015.T	64.64	0.687578	0.690902	ZB85045.T	66.45	0.67567	0.693562	ZB86075.T	68.26	0.622722	0.643525	ZB87015.T	69.16
ZB84015.T	64.64	0.679896	0.685527	ZB85045.T	66.45	0.671627	0.689831	ZB86075.T	68.26	0.612407	0.635259	ZB87015.T	69.16
ZB84015.T	64.64	0.6724	0.680138	ZB85045.T	66.45	0.66698	0.686246	ZB86075.T	68.26	0.602357	0.627672	ZB87015.T	69.16
ZB84015.T	64.64	0.664893	0.67451	ZB85045.T	66.45	0.661432	0.682484	ZB86075.T	68.26	0.592632	0.620067	ZB87015.T	69.16
ZB84015.T	64.64	0.657394	0.668604	ZB85045.T	66.45	0.655047	0.678231	ZB86075.T	68.26	0.582869	0.611573	ZB87015.T	69.16
ZB84015.T	64.64	0.650258	0.662559	ZB85045.T	66.45	0.648302	0.673259	ZB86075.T	68.26	0.572364	0.601491	ZB87015.T	69.16
ZB84015.T	64.64	0.644011	0.656572	ZB85045.T	66.45	0.641889	0.667464	ZB86075.T	68.26	0.560354	0.589557	ZB87015.T	69.16
ZB84015.T	64.64	0.639026	0.650734	ZB85045.T	66.45	0.636342	0.660883	ZB86075.T	68.26	0.546403	0.575993	ZB87015.T	69.16
ZB84015.T	64.64	0.635276	0.644937	ZB85045.T	66.45	0.631773	0.653696	ZB86075.T	68.26	0.530657	0.56135	ZB87015.T	69.16
ZB84015.T	64.64	0.632272	0.638932	ZB85045.T	66.45	0.627871	0.646212	ZB86075.T	68.26	0.51383	0.546276	ZB87015.T	69.16
ZB84015.T	64.64	0.629206	0.632479	ZB85045.T	66.45	0.62414	0.638819	ZB86075.T	68.26	0.496924	0.53125	ZB87015.T	69.16
ZB84015.T	64.64	0.625198	0.625516	ZB85045.T	66.45	0.620253	0.631894	ZB86075.T	68.26	0.480746	0.516453	ZB87015.T	69.16
ZB84015.T	64.64	0.619614	0.618253	ZB85045.T	66.45	0.616249	0.625715	ZB86075.T	68.26	0.465543	0.5018	ZB87015.T	69.16
ZB84015.T	64.64	0.612296	0.611127	ZB85045.T	66.45	0.61247	0.620417	ZB86075.T	68.26	0.450954	0.487118	ZB87015.T	69.16
ZB84015.T	64.64	0.603665	0.604684	ZB85045.T	66.45	0.609285	0.616032	ZB86075.T	68.26	0.436302	0.472367	ZB87015.T	69.16
ZB84015.T	64.64	0.594605	0.599401	ZB85045.T	66.45	0.606834	0.612551	ZB86075.T	68.26	0.421082	0.457745	ZB87015.T	69.16
ZB84015.T	64.64	0.586096	0.595522	ZB85045.T	66.45	0.604976	0.60991	ZB86075.T	6				

RawTest1. RawTest2.108	name.109 depth.109	RawTest1. RawTest2.109	name.110 depth.110	RawTest1. RawTest2.110	name.111 depth.111	RawTest1. RawTest2.111
1.005725 0.995304	ZB91015.T 70.23	0.964516 0.991601	ZB92135.T 71.67	1.000191 0.962387	ZB93075.T 72.57	0.969918 0.996365
1.002817 0.996952	ZB91015.T 70.23	0.967001 0.992136	ZB92135.T 71.67	0.997326 0.965017	ZB93075.T 72.57	0.968181 0.995688
0.996197 0.999282	ZB91015.T 70.23	0.972139 0.99307	ZB92135.T 71.67	0.992909 0.970154	ZB93075.T 72.57	0.964988 0.994268
0.988541 1.000042	ZB91015.T 70.23	0.977367 0.993775	ZB92135.T 71.67	0.990306 0.974954	ZB93075.T 72.57	0.962143 0.992769
0.98018 0.998898	ZB91015.T 70.23	0.982262 0.994165	ZB92135.T 71.67	0.989475 0.97906	ZB93075.T 72.57	0.959596 0.99122
0.971756 0.995704	ZB91015.T 70.23	0.986191 0.994149	ZB92135.T 71.67	0.99007 0.982116	ZB93075.T 72.57	0.957255 0.989642
0.964057 0.990616	ZB91015.T 70.23	0.988507 0.993619	ZB92135.T 71.67	0.991586 0.983907	ZB93075.T 72.57	0.95494 0.988004
0.957755 0.984168	ZB91015.T 70.23	0.988806 0.992439	ZB92135.T 71.67	0.993299 0.984458	ZB93075.T 72.57	0.952358 0.986198
0.953161 0.977247	ZB91015.T 70.23	0.987131 0.990462	ZB92135.T 71.67	0.994432 0.984039	ZB93075.T 72.57	0.949117 0.984034
0.950122 0.970922	ZB91015.T 70.23	0.98404 0.987584	ZB92135.T 71.67	0.994305 0.983085	ZB93075.T 72.57	0.944854 0.981262
0.948127 0.966159	ZB91015.T 70.23	0.980487 0.983844	ZB92135.T 71.67	0.992534 0.982041	ZB93075.T 72.57	0.93944 0.977622
0.946552 0.963516	ZB91015.T 70.23	0.977555 0.979541	ZB92135.T 71.67	0.989175 0.981239	ZB93075.T 72.57	0.933169 0.972919
0.94491 0.962936	ZB91015.T 70.23	0.976115 0.975293	ZB92135.T 71.67	0.984764 0.980858	ZB93075.T 72.57	0.926812 0.967067
0.942983 0.963724	ZB91015.T 70.23	0.976512 0.971916	ZB92135.T 71.67	0.98018 0.98092	ZB93075.T 72.57	0.921437 0.960103
0.940777 0.964742	ZB91015.T 70.23	0.978423 0.970143	ZB92135.T 71.67	0.97636 0.981301	ZB93075.T 72.57	0.918036 0.952208
0.938383 0.964739	ZB91015.T 70.23	0.980944 0.970251	ZB92135.T 71.67	0.973924 0.981701	ZB93075.T 72.57	0.917088 0.943697
0.935849 0.96267	ZB91015.T 70.23	0.982909 0.971806	ZB92135.T 71.67	0.972912 0.981614	ZB93075.T 72.57	0.918179 0.935001
0.933148 0.957969	ZB91015.T 70.23	0.983288 0.973691	ZB92135.T 71.67	0.972724 0.980376	ZB93075.T 72.57	0.920133 0.926615
0.930219 0.950675	ZB91015.T 70.23	0.981532 0.974515	ZB92135.T 71.67	0.97238 0.977407	ZB93075.T 72.57	0.921293 0.91895
0.927001 0.941407	ZB91015.T 70.23	0.977697 0.973292	ZB92135.T 71.67	0.970927 0.972539	ZB93075.T 72.57	0.920234 0.912252
0.923434 0.931189	ZB91015.T 70.23	0.972344 0.969802	ZB92135.T 71.67	0.967856 0.966271	ZB93075.T 72.57	0.916353 0.90661
0.919432 0.921157	ZB91015.T 70.23	0.966295 0.964859	ZB92135.T 71.67	0.963272 0.959717	ZB93075.T 72.57	0.910122 0.902067
0.914904 0.912202	ZB91015.T 70.23	0.960348 0.959875	ZB92135.T 71.67	0.957798 0.954166	ZB93075.T 72.57	0.902846 0.898745
0.909811 0.904677	ZB91015.T 70.23	0.955081 0.956246	ZB92135.T 71.67	0.952253 0.950446	ZB93075.T 72.57	0.896703 0.896853
0.904235 0.898332	ZB91015.T 70.23	0.950751 0.954737	ZB92135.T 71.67	0.94727 0.948465	ZB93075.T 72.57	0.890996 0.896526
0.898381 0.892515	ZB91015.T 70.23	0.947314 0.955217	ZB92135.T 71.67	0.943098 0.947212	ZB93075.T 72.57	0.888041 0.89758
0.892496 0.886599	ZB91015.T 70.23	0.944485 0.95674	ZB92135.T 71.67	0.939609 0.945273	ZB93075.T 72.57	0.886857 0.899292
0.886761 0.880372	ZB91015.T 70.23	0.941837 0.957934	ZB92135.T 71.67	0.936506 0.941598	ZB93075.T 72.57	0.886585 0.90051
0.881267 0.87412	ZB91015.T 70.23	0.938917 0.95743	ZB92135.T 71.67	0.933522 0.936003	ZB93075.T 72.57	0.886219 0.900081
0.876065 0.868353	ZB91015.T 70.23	0.935326 0.954272	ZB92135.T 71.67	0.930515 0.929159	ZB93075.T 72.57	0.884846 0.897416
0.871213 0.863412	ZB91015.T 70.23	0.930771 0.948109	ZB92135.T 71.67	0.92739 0.922117	ZB93075.T 72.57	0.881787 0.892733
0.86675 0.859207	ZB91015.T 70.23	0.925093 0.939246	ZB92135.T 71.67	0.923975 0.915671	ZB93075.T 72.57	0.876707 0.886824
0.862634 0.855343	ZB91015.T 70.23	0.918311 0.928492	ZB92135.T 71.67	0.919996 0.909994	ZB93075.T 72.57	0.869743 0.880489
0.858685 0.851487	ZB91015.T 70.23	0.910666 0.916865	ZB92135.T 71.67	0.915161 0.904709	ZB93075.T 72.57	0.861563 0.874034
0.85463 0.847681	ZB91015.T 70.23	0.902618 0.905286	ZB92135.T 71.67	0.909329 0.89924	ZB93075.T 72.57	0.853247 0.86719
0.850207 0.844313	ZB91015.T 70.23	0.894719 0.894352	ZB92135.T 71.67	0.902598 0.8932	ZB93075.T 72.57	0.845919 0.859457
0.84524 0.841763	ZB91015.T 70.23	0.887419 0.884298	ZB92135.T 71.67	0.895292 0.886555	ZB93075.T 72.57	0.840251 0.850642
0.839573 0.840012	ZB91015.T 70.23	0.880883 0.875122	ZB92135.T 71.67	0.887857 0.879549	ZB93075.T 72.57	0.836104 0.841138
0.832936 0.838468	ZB91015.T 70.23	0.874954 0.866779	ZB92135.T 71.67	0.880744 0.872524	ZB93075.T 72.57	0.832546 0.831738
0.8249 0.836148	ZB91015.T 70.23	0.869252 0.859287	ZB92135.T 71.67	0.874286 0.86572	ZB93075.T 72.57	0.828214 0.823126
0.815047 0.83206	ZB91015.T 70.23	0.863352 0.852666	ZB92135.T 71.67	0.868582 0.859147	ZB93075.T 72.57	0.821886 0.815416
0.803291 0.82552	ZB91015.T 70.23	0.856895 0.846759	ZB92135.T 71.67	0.863396 0.852562	ZB93075.T 72.57	0.812893 0.808036
0.790114 0.816264	ZB91015.T 70.23	0.849589 0.841067	ZB92135.T 71.67	0.858137 0.845547	ZB93075.T 72.57	0.801284 0.800044
0.776525 0.804393	ZB91015.T 70.23	0.841174 0.834775	ZB92135.T 71.67	0.852016 0.837693	ZB93075.T 72.57	0.787773 0.790662
0.763692 0.790289	ZB91015.T 70.23	0.831455 0.827008	ZB92135.T 71.67	0.844329 0.828846	ZB93075.T 72.57	0.77354 0.779704
0.752436 0.774599	ZB91015.T 70.23	0.82043 0.81723	ZB92135.T 71.67	0.834795 0.819269	ZB93075.T 72.57	0.759928 0.767631
0.742896 0.758282	ZB91015.T 70.23	0.808414 0.805533	ZB92135.T 71.67	0.823727 0.809596	ZB93075.T 72.57	0.74813 0.755245
0.734564 0.742513	ZB91015.T 70.23	0.796602 0.792679	ZB92135.T 71.67	0.811957 0.800564	ZB93075.T 72.57	0.738877 0.743315
0.726674 0.728381	ZB91015.T 70.23	0.783978 0.779812	ZB92135.T 71.67	0.800496 0.792696	ZB93075.T 72.57	0.732228 0.732327
0.718686 0.716553	ZB91015.T 70.23	0.772866 0.768035	ZB92135.T 71.67	0.79013 0.786082	ZB93075.T 72.57	0.727569 0.722489
0.710527 0.706965	ZB91015.T 70.23	0.762925 0.757988	ZB92135.T 71.67	0.781162 0.780405	ZB93075.T 72.57	0.723849 0.713871
0.702501 0.69916	ZB91015.T 70.23	0.754053 0.74967	ZB92135.T 71.67	0.773438 0.775124	ZB93075.T 72.57	0.720009 0.706537
0.694964 0.692391	ZB91015.T 70.23	0.745951 0.742525	ZB92135.T 71.67	0.766585 0.769686	ZB93075.T 72.57	0.715396 0.700615
0.687987 0.686127	ZB91015.T 70.23	0.738287 0.735753	ZB92135.T 71.67	0.76025 0.763683	ZB93075.T 72.57	0.709953 0.696203
0.681282 0.680204	ZB91015.T 70.23	0.730728 0.728646	ZB92135.T 71.67	0.754197 0.756929	ZB93075.T 72.57	0.704083 0.693207
0.674416 0.674713	ZB91015.T 70.23	0.722901 0.720834	ZB92135.T 71.67	0.748253 0.749499	ZB93075.T 72.57	0.698323 0.691223
0.667155 0.669738	ZB91015.T 70.23	0.71438 0.712345	ZB92135.T 71.67	0.742217 0.741724	ZB93075.T 72.57	0.69301 0.689599
0.65966 0.665126	ZB91015.T 70.23	0.704819 0.70349	ZB92135.T 71.67	0.735838 0.734111	ZB93075.T 72.57	0.688106 0.687673
0.652394 0.66046	ZB91015.T 70.23	0.694192 0.694681	ZB92135.T 71.67	0.728882 0.727166	ZB93075.T 72.57	0.683278 0.684962
0.645828 0.65522	ZB91015.T 70.23	0.682957 0.686255	ZB92135.T 71.67	0.721246 0.721166	ZB93075.T 72.57	0.678129 0.681252
0.640148 0.649044	ZB91015.T 70.23	0.671993 0.678324	ZB92135.T 71.67	0.713068 0.716006	ZB93075.T 72.57	0.672395 0.676533
0.635141 0.641895	ZB91015.T 70.23	0.662294 0.670748	ZB92135.T 71.67	0.704773 0.711265	ZB93075.T 72.57	0.666014 0.670867
0.630332 0.634073	ZB91015.T 70.23	0.654547 0.663234	ZB92135.T 71.67	0.697016 0.706473	ZB93075.T 72.57	0.659066 0.664311
0.625234 0.626061	ZB91015.T 70.23	0.648861 0.655515	ZB92135.T 71.67	0.69505 0.701372	ZB93075.T 72.57	0.651703 0.656971
0.619559 0.618352	ZB91015.T 70.23	0.644735 0.647533	ZB92135.T 71.67	0.685734 0.696012	ZB93075.T 72.57	0.644118 0.64909
0.613304 0.611294	ZB91015.T 70.23	0.64129 0.639511	ZB92135.T 71.67	0.682723 0.690614	ZB93075.T 72.57	0.63653 0.64108
0.606719 0.605033	ZB91015.T 70.23	0.63765 0.631864	ZB92135.T 71.67	0.680926 0.685347	ZB93075.T 72.57	0.629138 0.633412
0.600227 0.599539	ZB91015.T 70.23	0.633251 0.625015	ZB92135.T 71.67	0.67942 0.680222	ZB93075.T 72.57	0.622057 0.626457
0.594335 0.594659	ZB91015.T 70.23	0.628018 0.619211	ZB92135.T 71.67	0.677289 0.675193	ZB93075.T 72.57	0.615247 0.620363
0.58948 0.590188	ZB91015.T 70.23	0.622328 0.614456	ZB92135.T 71.67	0.673995 0.670361	ZB93075.T 72.57	0.608537 0.615067
0.585802 0.585906	ZB91015.T 70.23	0.616815 0.610537	ZB92135.T 71.67	0.669553 0.666058	ZB93075.T 72.57	0.601806 0.610427
0.582944 0.581545	ZB91015.T 70.23	0.612082 0.607139	ZB92135.T 71.67	0.664389 0.662729	ZB93075.T 72.57	0.595199 0.606391
0.579991 0.57665	ZB91015.T 70.23	0.608417 0.603988	ZB92135.T 71.67	0.658981 0.660729	ZB93075.T 72.57	0.589235 0.603054
0.575645 0.570439	ZB91015.T 70.23	0.605617 0.600953	ZB92135.T 71.67	0.653507 0.660189	ZB93075.T 72.57	0.58466 0.600563
0.568583 0.561787	ZB91015.T 70.23	0.602997 0.59809	ZB92135.T 71.67	0.647712 0.661067	ZB93075.T 72.57	0.58209 0.598945
0.557867 0.549422	ZB91015.T 70.23	0.599599 0.595598	ZB92135.T 71.67	0.64106 0.663327	ZB93075.T 72.57	0.581647 0.598012
0.543175 0.532273	ZB91015.T 70.23	0.594527 0.593732	ZB92135.T 71.67	0.633049 0.667085	ZB93075.T 72.57	0.582838 0.597399

111	name.112	depth.112	RawTest1.112	RawTest2.112	name.113	depth.113	RawTest1.113	RawTest2.113	name.114	depth.114	RawTest1.114	RawTest2.114	name.115
	ZB94015.T	73.47	0.988382	1.044736	ZB95045.T	75.27	0.98209	0.972315	ZB95135.T	76.17	0.990864	0.988259	ZB96075.T
	ZB94015.T	73.47	0.989846	1.039138	ZB95045.T	75.27	0.982514	0.974874	ZB95135.T	76.17	0.989135	0.986058	ZB96075.T
	ZB94015.T	73.47	0.993126	1.028692	ZB95045.T	75.27	0.982749	0.980236	ZB95135.T	76.17	0.986127	0.981978	ZB96075.T
	ZB94015.T	73.47	0.996742	1.019469	ZB95045.T	75.27	0.981993	0.985703	ZB95135.T	76.17	0.983492	0.978246	ZB96075.T
	ZB94015.T	73.47	1.000361	1.011893	ZB95045.T	75.27	0.980118	0.990701	ZB95135.T	76.17	0.98091	0.974798	ZB96075.T
	ZB94015.T	73.47	1.003479	1.006208	ZB95045.T	75.27	0.977206	0.994525	ZB95135.T	76.17	0.9781	0.971525	ZB96075.T
	ZB94015.T	73.47	1.005505	1.002317	ZB95045.T	75.27	0.973545	0.996534	ZB95135.T	76.17	0.97491	0.968286	ZB96075.T
	ZB94015.T	73.47	1.005897	0.999751	ZB95045.T	75.27	0.969561	0.996316	ZB95135.T	76.17	0.971316	0.964927	ZB96075.T
	ZB94015.T	73.47	1.004307	0.997813	ZB95045.T	75.27	0.965661	0.993786	ZB95135.T	76.17	0.967347	0.961328	ZB96075.T
	ZB94015.T	73.47	1.000695	0.995875	ZB95045.T	75.27	0.962106	0.989198	ZB95135.T	76.17	0.962981	0.95746	ZB96075.T
	ZB94015.T	73.47	0.995374	0.993628	ZB95045.T	75.27	0.958961	0.983068	ZB95135.T	76.17	0.958103	0.953417	ZB96075.T
	ZB94015.T	73.47	0.988976	0.991203	ZB95045.T	75.27	0.956165	0.976084	ZB95135.T	76.17	0.95257	0.949378	ZB96075.T
	ZB94015.T	73.47	0.982331	0.989001	ZB95045.T	75.27	0.953663	0.969002	ZB95135.T	76.17	0.946332	0.945498	ZB96075.T
	ZB94015.T	73.47	0.976272	0.987386	ZB95045.T	75.27	0.951513	0.962521	ZB95135.T	76.17	0.939519	0.941802	ZB96075.T
	ZB94015.T	73.47	0.971432	0.986378	ZB95045.T	75.27	0.94984	0.957144	ZB95135.T	76.17	0.932419	0.938144	ZB96075.T
	ZB94015.T	73.47	0.968079	0.985556	ZB95045.T	75.27	0.948664	0.953057	ZB95135.T	76.17	0.925321	0.934278	ZB96075.T
	ZB94015.T	73.47	0.966074	0.984232	ZB95045.T	75.27	0.947668	0.950089	ZB95135.T	76.17	0.918341	0.930001	ZB96075.T
	ZB94015.T	73.47	0.96499	0.981782	ZB95045.T	75.27	0.946084	0.947749	ZB95135.T	76.17	0.911343	0.925248	ZB96075.T
	ZB94015.T	73.47	0.964371	0.977979	ZB95045.T	75.27	0.942872	0.945383	ZB95135.T	76.17	0.904033	0.920106	ZB96075.T
	ZB94015.T	73.47	0.963996	0.973113	ZB95045.T	75.27	0.937122	0.942321	ZB95135.T	76.17	0.896192	0.91473	ZB96075.T
	ZB94015.T	73.47	0.963988	0.967882	ZB95045.T	75.27	0.928534	0.938049	ZB95135.T	76.17	0.887908	0.909283	ZB96075.T
	ZB94015.T	73.47	0.964649	0.963127	ZB95045.T	75.27	0.917695	0.932339	ZB95135.T	76.17	0.879685	0.903929	ZB96075.T
	ZB94015.T	73.47	0.966117	0.959506	ZB95045.T	75.27	0.905952	0.925351	ZB95135.T	76.17	0.872349	0.89885	ZB96075.T
	ZB94015.T	73.47	0.968051	0.957284	ZB95045.T	75.27	0.894931	0.917615	ZB95135.T	76.17	0.866748	0.894204	ZB96075.T
	ZB94015.T	73.47	0.969592	0.956293	ZB95045.T	75.27	0.885917	0.909836	ZB95135.T	76.17	0.863393	0.890015	ZB96075.T
	ZB94015.T	73.47	0.969643	0.956057	ZB95045.T	75.27	0.879384	0.902583	ZB95135.T	76.17	0.862191	0.886073	ZB96075.T
	ZB94015.T	73.47	0.967347	0.955972	ZB95045.T	75.27	0.874918	0.89604	ZB95135.T	76.17	0.862411	0.881988	ZB96075.T
	ZB94015.T	73.47	0.96245	0.955521	ZB95045.T	75.27	0.871535	0.889966	ZB95135.T	76.17	0.862955	0.877383	ZB96075.T
	ZB94015.T	73.47	0.955382	0.954485	ZB95045.T	75.27	0.868177	0.883929	ZB95135.T	76.17	0.862825	0.872103	ZB96075.T
	ZB94015.T	73.47	0.947054	0.95307	ZB95045.T	75.27	0.8642	0.877674	ZB95135.T	76.17	0.8615	0.866319	ZB96075.T
	ZB94015.T	73.47	0.938525	0.951815	ZB95045.T	75.27	0.859606	0.871371	ZB95135.T	76.17	0.859062	0.860411	ZB96075.T
	ZB94015.T	73.47	0.930761	0.951235	ZB95045.T	75.27	0.854971	0.865575	ZB95135.T	76.17	0.855912	0.85468	ZB96075.T
	ZB94015.T	73.47	0.924478	0.951363	ZB95045.T	75.27	0.851083	0.860888	ZB95135.T	76.17	0.852276	0.849128	ZB96075.T
	ZB94015.T	73.47	0.920042	0.951514	ZB95045.T	75.27	0.848536	0.857528	ZB95135.T	76.17	0.847884	0.843493	ZB96075.T
	ZB94015.T	73.47	0.917361	0.950498	ZB95045.T	75.27	0.847381	0.855061	ZB95135.T	76.17	0.842087	0.837534	ZB96075.T
	ZB94015.T	73.47	0.915854	0.947216	ZB95045.T	75.27	0.847058	0.852506	ZB95135.T	76.17	0.834372	0.831332	ZB96075.T
	ZB94015.T	73.47	0.914608	0.941286	ZB95045.T	75.27	0.846612	0.848782	ZB95135.T	76.17	0.824901	0.825347	ZB96075.T
	ZB94015.T	73.47	0.912763	0.933321	ZB95045.T	75.27	0.845109	0.843278	ZB95135.T	76.17	0.814673	0.820186	ZB96075.T
	ZB94015.T	73.47	0.909869	0.924656	ZB95045.T	75.27	0.842006	0.836177	ZB95135.T	76.17	0.805118	0.816208	ZB96075.T
	ZB94015.T	73.47	0.906005	0.916609	ZB95045.T	75.27	0.837232	0.828373	ZB95135.T	76.17	0.797357	0.813247	ZB96075.T
	ZB94015.T	73.47	0.901511	0.909779	ZB95045.T	75.27	0.830961	0.820928	ZB95135.T	76.17	0.791536	0.810604	ZB96075.T
	ZB94015.T	73.47	0.896536	0.9038	ZB95045.T	75.27	0.823296	0.814414	ZB95135.T	76.17	0.786753	0.80728	ZB96075.T
	ZB94015.T	73.47	0.890766	0.897622	ZB95045.T	75.27	0.814105	0.808523	ZB95135.T	76.17	0.781577	0.802336	ZB96075.T
	ZB94015.T	73.47	0.883552	0.890143	ZB95045.T	75.27	0.803134	0.802224	ZB95135.T	76.17	0.774849	0.795236	ZB96075.T
	ZB94015.T	73.47	0.874383	0.880769	ZB95045.T	75.27	0.790291	0.794377	ZB95135.T	76.17	0.766281	0.786027	ZB96075.T
	ZB94015.T	73.47	0.863309	0.869639	ZB95045.T	75.27	0.775889	0.784393	ZB95135.T	76.17	0.756448	0.775268	ZB96075.T
	ZB94015.T	73.47	0.851052	0.857454	ZB95045.T	75.27	0.760635	0.772532	ZB95135.T	76.17	0.746297	0.763778	ZB96075.T
	ZB94015.T	73.47	0.838719	0.845107	ZB95045.T	75.27	0.745375	0.75972	ZB95135.T	76.17	0.736539	0.752307	ZB96075.T
	ZB94015.T	73.47	0.827312	0.833351	ZB95045.T	75.27	0.730821	0.747044	ZB95135.T	76.17	0.727341	0.741297	ZB96075.T
	ZB94015.T	73.47	0.817336	0.822635	ZB95045.T	75.27	0.717434	0.735315	ZB95135.T	76.17	0.718426	0.73087	ZB96075.T
	ZB94015.T	73.47	0.808738	0.813059	ZB95045.T	75.27	0.705483	0.724934	ZB95135.T	76.17	0.709475	0.721021	ZB96075.T
	ZB94015.T	73.47	0.80111	0.804415	ZB95045.T	75.27	0.695163	0.716016	ZB95135.T	76.17	0.700464	0.711835	ZB96075.T
	ZB94015.T	73.47	0.793983	0.79633	ZB95045.T	75.27	0.686637	0.708525	ZB95135.T	76.17	0.691778	0.703598	ZB96075.T
	ZB94015.T	73.47	0.787037	0.788446	ZB95045.T	75.27	0.679964	0.702258	ZB95135.T	76.17	0.684027	0.696708	ZB96075.T
	ZB94015.T	73.47	0.780203	0.780592	ZB95045.T	75.27	0.674991	0.696759	ZB95135.T	76.17	0.677742	0.691462	ZB96075.T
	ZB94015.T	73.47	0.773678	0.772847	ZB95045.T	75.27	0.671332	0.691348	ZB95135.T	76.17	0.673136	0.68784	ZB96075.T
	ZB94015.T	73.47	0.767869	0.765471	ZB95045.T	75.27	0.668469	0.685402	ZB95135.T	76.17	0.670025	0.685436	ZB96075.T
	ZB94015.T	73.47	0.763211	0.758773	ZB95045.T	75.27	0.665937	0.678703	ZB95135.T	76.17	0.667928	0.683581	ZB96075.T
	ZB94015.T	73.47	0.759908	0.752958	ZB95045.T	75.27	0.66341	0.671611	ZB95135.T	76.17	0.666246	0.681569	ZB96075.T
	ZB94015.T	73.47	0.757691	0.748016	ZB95045.T	75.27	0.660648	0.664902	ZB95135.T	76.17	0.664387	0.678858	ZB96075.T
	ZB94015.T	73.47	0.755747	0.743707	ZB95045.T	75.27	0.657372	0.659342	ZB95135.T	76.17	0.661839	0.675182	ZB96075.T
	ZB94015.T	73.47	0.752959	0.739654	ZB95045.T	75.27	0.653222	0.655247	ZB95135.T	76.17	0.658253	0.670544	ZB96075.T
	ZB94015.T	73.47	0.748344	0.735485	ZB95045.T	75.27	0.647847	0.652276	ZB95135.T	76.17	0.653571	0.665161	ZB96075.T
	ZB94015.T	73.47	0.741482	0.730954	ZB95045.T	75.27	0.641057	0.649588	ZB95135.T	76.17	0.648096	0.659398	ZB96075.T
	ZB94015.T	73.47	0.732681	0.725996	ZB95045.T	75.27	0.63295	0.646235	ZB95135.T	76.17	0.642446	0.653682	ZB96075.T
	ZB94015.T	73.47	0.722808	0.720707	ZB95045.T	75.27	0.623896	0.641518	ZB95135.T	76.17	0.637332	0.648387	ZB96075.T
	ZB94015.T	73.47	0.712889	0.715246	ZB95045.T	75.27	0.614412	0.635235	ZB95135.T	76.17	0.633276	0.643723	ZB96075.T
	ZB94015.T	73.47	0.703752	0.709732	ZB95045.T	75.27	0.604996	0.627729	ZB95135.T	76.17	0.630416	0.639693	ZB96075.T
	ZB94015.T	73.47	0.695847	0.704181	ZB95045.T	75.27	0.596053	0.619752	ZB95135.T	76.17	0.628496	0.636116	ZB96075.T
	ZB94015.T	73.47	0.6893	0.698512	ZB95045.T	75.27	0.587896	0.612221	ZB95135.T	76.17	0.626992	0.632701	ZB96075.T
	ZB94015.T	73.47	0.68403	0.692599	ZB95045.T	75.27	0.580788	0.605913	ZB95135.T	76.17	0.625328	0.629127	ZB96075.T
	ZB94015.T	73.47	0.679706	0.686359	ZB95045.T	75.27	0.574978	0.601105	ZB95135.T	76.17	0.623086	0.625051	ZB96075.T
	ZB94015.T	73.47	0.675469	0.679833	ZB95045.T	75.27	0.57073	0.597272	ZB95135.T	76.17	0.620128	0.620026	ZB96075.T
	ZB94015.T	73.47	0.669634	0.673221	ZB95045.T	75.27	0.568361	0.592892	ZB95135.T	76.17	0.616591	0.613364	ZB96075.T
	ZB94015.T	73.											

depth.115	RawTest1.	RawTest2.115	name.116	depth.116	RawTest1.	RawTest2.116	name.117	depth.117	RawTest1.	RawTest2.117	name.118	depth.118	RawTest1.
77.07	0.963806	0.99654	ZB97015.T	77.97	0.985674	0.981555	ZB98043.T	79.26	0.984242	0.979621	ZC111004.	171.54	1.044793
77.07	0.96457	0.996199	ZB97015.T	77.97	0.986784	0.98206	ZB98043.T	79.26	0.984406	0.980037	ZC111004.	171.54	1.044318
77.07	0.966518	0.994618	ZB97015.T	77.97	0.987674	0.982139	ZB98043.T	79.26	0.98542	0.980186	ZC111004.	171.54	1.042868
77.07	0.968977	0.992054	ZB97015.T	77.97	0.986821	0.98089	ZB98043.T	79.26	0.987553	0.979436	ZC111004.	171.54	1.04076
77.07	0.971729	0.988884	ZB97015.T	77.97	0.984549	0.978834	ZB98043.T	79.26	0.990806	0.977852	ZC111004.	171.54	1.03815
77.07	0.974367	0.985533	ZB97015.T	77.97	0.981585	0.976279	ZB98043.T	79.26	0.994773	0.975565	ZC111004.	171.54	1.035344
77.07	0.976382	0.982293	ZB97015.T	77.97	0.97885	0.974064	ZB98043.T	79.26	0.998666	0.972723	ZC111004.	171.54	1.032685
77.07	0.977733	0.979231	ZB97015.T	77.97	0.977192	0.972883	ZB98043.T	79.26	1.001478	0.969461	ZC111004.	171.54	1.030367
77.07	0.97698	0.976229	ZB97015.T	77.97	0.97708	0.973129	ZB98043.T	79.26	1.002252	0.965884	ZC111004.	171.54	1.028272
77.07	0.975407	0.973127	ZB97015.T	77.97	0.978416	0.97473	ZB98043.T	79.26	1.000314	0.962056	ZC111004.	171.54	1.025928
77.07	0.972969	0.969923	ZB97015.T	77.97	0.980546	0.97714	ZB98043.T	79.26	0.995426	0.958004	ZC111004.	171.54	1.022668
77.07	0.970125	0.96689	ZB97015.T	77.97	0.982501	0.97949	ZB98043.T	79.26	0.987803	0.953704	ZC111004.	171.54	1.017929
77.07	0.967188	0.96452	ZB97015.T	77.97	0.983349	0.98087	ZB98043.T	79.26	0.978034	0.949068	ZC111004.	171.54	1.011589
77.07	0.964126	0.963276	ZB97015.T	77.97	0.982563	0.980599	ZB98043.T	79.26	0.966961	0.943945	ZC111004.	171.54	1.004205
77.07	0.96057	0.963256	ZB97015.T	77.97	0.980135	0.978448	ZB98043.T	79.26	0.955531	0.938156	ZC111004.	171.54	0.996972
77.07	0.956054	0.964007	ZB97015.T	77.97	0.976517	0.974647	ZB98043.T	79.26	0.944644	0.931553	ZC111004.	171.54	0.991467
77.07	0.950408	0.964574	ZB97015.T	77.97	0.972307	0.969762	ZB98043.T	79.26	0.935007	0.924099	ZC111004.	171.54	0.989133
77.07	0.944035	0.963854	ZB97015.T	77.97	0.967946	0.964472	ZB98043.T	79.26	0.927005	0.915961	ZC111004.	171.54	0.990643
77.07	0.937867	0.961012	ZB97015.T	77.97	0.96357	0.959363	ZB98043.T	79.26	0.920617	0.907564	ZC111004.	171.54	0.995727
77.07	0.933014	0.955829	ZB97015.T	77.97	0.959105	0.95482	ZB98043.T	79.26	0.915432	0.899526	ZC111004.	171.54	1.002992
77.07	0.930217	0.948721	ZB97015.T	77.97	0.954481	0.950987	ZB98043.T	79.26	0.910775	0.89249	ZC111004.	171.54	1.010366
77.07	0.929478	0.940522	ZB97015.T	77.97	0.949789	0.94778	ZB98043.T	79.26	0.905928	0.886889	ZC111004.	171.54	1.01574
77.07	0.930042	0.932153	ZB97015.T	77.97	0.945278	0.944948	ZB98043.T	79.26	0.900393	0.88276	ZC111004.	171.54	1.017565
77.07	0.930782	0.924352	ZB97015.T	77.97	0.941196	0.942182	ZB98043.T	79.26	0.894068	0.8797	ZC111004.	171.54	1.015439
77.07	0.930714	0.917553	ZB97015.T	77.97	0.937668	0.939241	ZB98043.T	79.26	0.887278	0.877018	ZC111004.	171.54	1.009923
77.07	0.929307	0.911878	ZB97015.T	77.97	0.934698	0.936044	ZB98043.T	79.26	0.880649	0.874012	ZC111004.	171.54	1.002488
77.07	0.926501	0.907186	ZB97015.T	77.97	0.93229	0.932672	ZB98043.T	79.26	0.87488	0.870262	ZC111004.	171.54	0.994823
77.07	0.922514	0.903173	ZB97015.T	77.97	0.930534	0.929266	ZB98043.T	79.26	0.870493	0.865783	ZC111004.	171.54	0.988271
77.07	0.917628	0.899491	ZB97015.T	77.97	0.929518	0.92591	ZB98043.T	79.26	0.86765	0.86098	ZC111004.	171.54	0.983431
77.07	0.912105	0.895865	ZB97015.T	77.97	0.929076	0.922568	ZB98043.T	79.26	0.866083	0.85641	ZC111004.	171.54	0.98013
77.07	0.906201	0.89218	ZB97015.T	77.97	0.928547	0.919109	ZB98043.T	79.26	0.865158	0.852481	ZC111004.	171.54	0.977739
77.07	0.900152	0.888454	ZB97015.T	77.97	0.92682	0.915379	ZB98043.T	79.26	0.864098	0.849211	ZC111004.	171.54	0.975686
77.07	0.894087	0.884731	ZB97015.T	77.97	0.922769	0.911256	ZB98043.T	79.26	0.86221	0.846204	ZC111004.	171.54	0.973821
77.07	0.887969	0.880961	ZB97015.T	77.97	0.915812	0.906662	ZB98043.T	79.26	0.859115	0.842846	ZC111004.	171.54	0.97242
77.07	0.881682	0.876977	ZB97015.T	77.97	0.90632	0.901576	ZB98043.T	79.26	0.854807	0.838623	ZC111004.	171.54	0.971806
77.07	0.875218	0.872589	ZB97015.T	77.97	0.895545	0.896042	ZB98043.T	79.26	0.849541	0.83338	ZC111004.	171.54	0.971807
77.07	0.868837	0.867767	ZB97015.T	77.97	0.88507	0.890177	ZB98043.T	79.26	0.843612	0.8274	ZC111004.	171.54	0.97149
77.07	0.863039	0.862757	ZB97015.T	77.97	0.876189	0.88412	ZB98043.T	79.26	0.837187	0.821252	ZC111004.	171.54	0.969338
77.07	0.858311	0.858051	ZB97015.T	77.97	0.869459	0.877939	ZB98043.T	79.26	0.830259	0.815492	ZC111004.	171.54	0.963922
77.07	0.854818	0.854126	ZB97015.T	77.97	0.864638	0.871533	ZB98043.T	79.26	0.822732	0.810389	ZC111004.	171.54	0.954619
77.07	0.852187	0.851116	ZB97015.T	77.97	0.860932	0.864636	ZB98043.T	79.26	0.814557	0.805819	ZC111004.	171.54	0.941936
77.07	0.849567	0.84859	ZB97015.T	77.97	0.857324	0.856933	ZB98043.T	79.26	0.80579	0.801332	ZC111004.	171.54	0.927187
77.07	0.845923	0.845608	ZB97015.T	77.97	0.852873	0.84825	ZB98043.T	79.26	0.796564	0.796366	ZC111004.	171.54	0.911768
77.07	0.840444	0.841041	ZB97015.T	77.97	0.846878	0.83868	ZB98043.T	79.26	0.787018	0.790453	ZC111004.	171.54	0.896532
77.07	0.832877	0.834063	ZB97015.T	77.97	0.838982	0.82854	ZB98043.T	79.26	0.777285	0.783406	ZC111004.	171.54	0.88166
77.07	0.823594	0.824543	ZB97015.T	77.97	0.829214	0.818193	ZB98043.T	79.26	0.767553	0.775379	ZC111004.	171.54	0.867015
77.07	0.813373	0.813148	ZB97015.T	77.97	0.81796	0.807877	ZB98043.T	79.26	0.75813	0.766823	ZC111004.	171.54	0.852602
77.07	0.80304	0.801113	ZB97015.T	77.97	0.805884	0.797652	ZB98043.T	79.26	0.749382	0.758327	ZC111004.	171.54	0.838746
77.07	0.793125	0.78979	ZB97015.T	77.97	0.793771	0.787494	ZB98043.T	79.26	0.741548	0.750403	ZC111004.	171.54	0.825896
77.07	0.783743	0.780171	ZB97015.T	77.97	0.782361	0.777465	ZB98043.T	79.26	0.734581	0.743307	ZC111004.	171.54	0.814226
77.07	0.774741	0.772626	ZB97015.T	77.97	0.772207	0.767773	ZB98043.T	79.26	0.728154	0.736993	ZC111004.	171.54	0.803394
77.07	0.766004	0.766888	ZB97015.T	77.97	0.763617	0.758683	ZB98043.T	79.26	0.72186	0.731201	ZC111004.	171.54	0.79264
77.07	0.757702	0.762263	ZB97015.T	77.97	0.756625	0.750384	ZB98043.T	79.26	0.715487	0.725635	ZC111004.	171.54	0.781204
77.07	0.750282	0.757967	ZB97015.T	77.97	0.751006	0.74289	ZB98043.T	79.26	0.709203	0.720112	ZC111004.	171.54	0.768728
77.07	0.744181	0.753423	ZB97015.T	77.97	0.746332	0.736046	ZB98043.T	79.26	0.703521	0.714584	ZC111004.	171.54	0.755392
77.07	0.739469	0.748401	ZB97015.T	77.97	0.742052	0.729619	ZB98043.T	79.26	0.699001	0.70908	ZC111004.	171.54	0.74177
77.07	0.735684	0.742977	ZB97015.T	77.97	0.737597	0.723393	ZB98043.T	79.26	0.695916	0.703605	ZC111004.	171.54	0.728525
77.07	0.732021	0.737407	ZB97015.T	77.97	0.732513	0.71725	ZB98043.T	79.26	0.694053	0.698106	ZC111004.	171.54	0.716113
77.07	0.727764	0.731969	ZB97015.T	77.97	0.726561	0.711209	ZB98043.T	79.26	0.692812	0.692488	ZC111004.	171.54	0.704628
77.07	0.722667	0.72686	ZB97015.T	77.97	0.71976	0.705416	ZB98043.T	79.26	0.691501	0.686675	ZC111004.	171.54	0.693791
77.07	0.717028	0.722145	ZB97015.T	77.97	0.712365	0.700063	ZB98043.T	79.26	0.689638	0.680657	ZC111004.	171.54	0.683101
77.07	0.711462	0.717771	ZB97015.T	77.97	0.704797	0.695269	ZB98043.T	79.26	0.687074	0.674518	ZC111004.	171.54	0.672136
77.07	0.706569	0.713587	ZB97015.T	77.97	0.697516	0.690974	ZB98043.T	79.26	0.683891	0.668413	ZC111004.	171.54	0.660853
77.07	0.70267	0.709374	ZB97015.T	77.97	0.690853	0.686944	ZB98043.T	79.26	0.68021	0.662544	ZC111004.	171.54	0.649775
77.07	0.699745	0.704876	ZB97015.T	77.97	0.684895	0.682862	ZB98043.T	79.26	0.676084	0.6571	ZC111004.	171.54	0.639848
77.07	0.697501	0.699895	ZB97015.T	77.97	0.679474	0.678502	ZB98043.T	79.26	0.671518	0.652197	ZC111004.	171.54	0.631943
77.07	0.695495	0.69439	ZB97015.T	77.97	0.67431	0.673846	ZB98043.T	79.26	0.666582	0.647805	ZC111004.	171.54	0.626305
77.07	0.693262	0.688549	ZB97015.T	77.97	0.66922	0.669071	ZB98043.T	79.26	0.661474	0.643779	ZC111004.	171.54	0.622285
77.07	0.690407	0.682742	ZB97015.T	77.97	0.66424	0.664412	ZB98043.T	79.26	0.656472	0.639937	ZC111004.	171.54	0.618588
77.07	0.686681	0.67734	ZB97015.T	77.97	0.659597	0.659986	ZB98043.T	79.26	0.651819	0.636187	ZC111004.	171.54	0.613862
77.07	0.682016	0.67251	ZB97015.T	77.97	0.655539	0.655717	ZB98043.T	79.26	0.647607	0.632584	ZC111004.	171.54	0.60727

RawTest2.118	name.119	depth.119	RawTest1.	RawTest2.119	name.120	depth.120	RawTest1.	RawTest2.120	name.121	depth.121	RawTest1.	RawTest2.121
1.003303	ZC111028.	171.78	1.057582	0.992212	ZC111040.	171.9	1.040645	0.975259	ZC111052.	171.98	0.996119	0.995557
1.00617	ZC111028.	171.78	1.054314	0.994613	ZC111040.	171.9	1.038047	0.976174	ZC111052.	171.98	0.995561	0.994317
1.010212	ZC111028.	171.78	1.046196	0.999371	ZC111040.	171.9	1.033432	0.977992	ZC111052.	171.98	0.994446	0.991734
1.011679	ZC111028.	171.78	1.036251	1.004052	ZC111040.	171.9	1.029519	0.980001	ZC111052.	171.98	0.993402	0.989035
1.010504	ZC111028.	171.78	1.025322	1.008449	ZC111040.	171.9	1.026102	0.982485	ZC111052.	171.98	0.99262	0.986393
1.006979	ZC111028.	171.78	1.014674	1.012306	ZC111040.	171.9	1.022283	0.985614	ZC111052.	171.98	0.992406	0.983996
1.001736	ZC111028.	171.78	1.005656	1.015333	ZC111040.	171.9	1.0193	0.989387	ZC111052.	171.98	0.993136	0.981958
0.995666	ZC111028.	171.78	0.999258	1.017194	ZC111040.	171.9	1.015215	0.993449	ZC111052.	171.98	0.995167	0.98028
0.989805	ZC111028.	171.78	0.995846	1.017491	ZC111040.	171.9	1.010507	0.997082	ZC111052.	171.98	0.998676	0.978851
0.985161	ZC111028.	171.78	0.995082	1.015784	ZC111040.	171.9	1.005379	0.99939	ZC111052.	171.98	1.003515	0.977571
0.982498	ZC111028.	171.78	0.996069	1.011729	ZC111040.	171.9	1.000218	0.999614	ZC111052.	171.98	1.009147	0.976473
0.982121	ZC111028.	171.78	0.99762	1.005274	ZC111040.	171.9	0.995473	0.99748	ZC111052.	171.98	1.014717	0.97579
0.983751	ZC111028.	171.78	0.998575	0.996825	ZC111040.	171.9	0.991532	0.993381	ZC111052.	171.98	1.019301	0.975921
0.98656	ZC111028.	171.78	0.998089	0.987313	ZC111040.	171.9	0.988669	0.988281	ZC111052.	171.98	1.022224	0.977262
0.989458	ZC111028.	171.78	0.995833	0.978053	ZC111040.	171.9	0.987034	0.983306	ZC111052.	171.98	1.023346	0.979942
0.991505	ZC111028.	171.78	0.992038	0.970495	ZC111040.	171.9	0.986611	0.979295	ZC111052.	171.98	1.023108	0.983619
0.992306	ZC111028.	171.78	0.987386	0.965793	ZC111040.	171.9	0.987149	0.976454	ZC111052.	171.98	1.022324	0.987475
0.992135	ZC111028.	171.78	0.982795	0.964452	ZC111040.	171.9	0.988153	0.974393	ZC111052.	171.98	1.021759	0.990515
0.99173	ZC111028.	171.78	0.979131	0.966101	ZC111040.	171.9	0.98896	0.972475	ZC111052.	171.98	1.021739	0.992065
0.991814	ZC111028.	171.78	0.976936	0.969564	ZC111040.	171.9	0.988948	0.970269	ZC111052.	171.98	1.021992	0.992182
0.992668	ZC111028.	171.78	0.976279	0.973176	ZC111040.	171.9	0.987723	0.967804	ZC111052.	171.98	1.021827	0.991672
0.993954	ZC111028.	171.78	0.976704	0.975324	ZC111040.	171.9	0.98519	0.965452	ZC111052.	171.98	1.020531	0.991665
0.994887	ZC111028.	171.78	0.97734	0.974943	ZC111040.	171.9	0.981451	0.963561	ZC111052.	171.98	1.01779	0.992928
0.994688	ZC111028.	171.78	0.977193	0.971819	ZC111040.	171.9	0.976606	0.962123	ZC111052.	171.98	1.013901	0.995417
0.993014	ZC111028.	171.78	0.975498	0.966553	ZC111040.	171.9	0.970662	0.96076	ZC111052.	171.98	1.009662	0.99835
0.99017	ZC111028.	171.78	0.972054	0.960246	ZC111040.	171.9	0.963675	0.959032	ZC111052.	171.98	1.006021	1.000751
0.986979	ZC111028.	171.78	0.96731	0.95405	ZC111040.	171.9	0.956058	0.956778	ZC111052.	171.98	1.003693	1.002101
0.984405	ZC111028.	171.78	0.962103	0.948801	ZC111040.	171.9	0.948768	0.954213	ZC111052.	171.98	1.002964	1.002565
0.983133	ZC111028.	171.78	0.957236	0.944791	ZC111040.	171.9	0.943124	0.951647	ZC111052.	171.98	1.003628	1.002658
0.983287	ZC111028.	171.78	0.953116	0.941764	ZC111040.	171.9	0.940176	0.949147	ZC111052.	171.98	1.005238	1.002749
0.984373	ZC111028.	171.78	0.949567	0.93905	ZC111040.	171.9	0.940005	0.946383	ZC111052.	171.98	1.007184	1.002762
0.985447	ZC111028.	171.78	0.945926	0.935813	ZC111040.	171.9	0.941437	0.942797	ZC111052.	171.98	1.008927	1.002316
0.985435	ZC111028.	171.78	0.941341	0.931259	ZC111040.	171.9	0.942482	0.937949	ZC111052.	171.98	1.010097	1.0011
0.983532	ZC111028.	171.78	0.935134	0.924778	ZC111040.	171.9	0.941216	0.931702	ZC111052.	171.98	1.010545	0.999158
0.979506	ZC111028.	171.78	0.926996	0.916019	ZC111040.	171.9	0.936733	0.92415	ZC111052.	171.98	1.010297	0.996835
0.973785	ZC111028.	171.78	0.916976	0.904941	ZC111040.	171.9	0.929445	0.915414	ZC111052.	171.98	1.009468	0.99445
0.967206	ZC111028.	171.78	0.905361	0.891845	ZC111040.	171.9	0.920593	0.905537	ZC111052.	171.98	1.008229	0.992407
0.960607	ZC111028.	171.78	0.89257	0.877385	ZC111040.	171.9	0.911351	0.894583	ZC111052.	171.98	1.006808	0.989357
0.95444	ZC111028.	171.78	0.87917	0.862494	ZC111040.	171.9	0.902138	0.882858	ZC111052.	171.98	1.00549	0.986316
0.948605	ZC111028.	171.78	0.865858	0.848164	ZC111040.	171.9	0.892585	0.870974	ZC111052.	171.98	1.004568	0.983122
0.942555	ZC111028.	171.78	0.85331	0.835137	ZC111040.	171.9	0.882072	0.859661	ZC111052.	171.98	1.004216	0.980256
0.935535	ZC111028.	171.78	0.841883	0.823614	ZC111040.	171.9	0.870433	0.849383	ZC111052.	171.98	1.004326	0.978066
0.926815	ZC111028.	171.78	0.831362	0.813146	ZC111040.	171.9	0.85826	0.840072	ZC111052.	171.98	1.004419	0.976396
0.915833	ZC111028.	171.78	0.820889	0.802816	ZC111040.	171.9	0.846616	0.831158	ZC111052.	171.98	1.003742	0.974571
0.902364	ZC111028.	171.78	0.809194	0.791645	ZC111040.	171.9	0.836374	0.821895	ZC111052.	171.98	1.00155	0.971802
0.886694	ZC111028.	171.78	0.795135	0.779038	ZC111040.	171.9	0.827708	0.811794	ZC111052.	171.98	0.997467	0.967773
0.869706	ZC111028.	171.78	0.778283	0.765016	ZC111040.	171.9	0.820083	0.800861	ZC111052.	171.98	0.991728	0.962933
0.852722	ZC111028.	171.78	0.759286	0.750163	ZC111040.	171.9	0.812635	0.789527	ZC111052.	171.98	0.985164	0.958313
0.837047	ZC111028.	171.78	0.739757	0.735353	ZC111040.	171.9	0.804641	0.778364	ZC111052.	171.98	0.978847	0.954969
0.823447	ZC111028.	171.78	0.721674	0.721466	ZC111040.	171.9	0.795738	0.767802	ZC111052.	171.98	0.973609	0.953437
0.81181	ZC111028.	171.78	0.706604	0.70916	ZC111040.	171.9	0.785877	0.758008	ZC111052.	171.98	0.969651	0.953533
0.801294	ZC111028.	171.78	0.695069	0.698766	ZC111040.	171.9	0.775129	0.748951	ZC111052.	171.98	0.966526	0.954532
0.790832	ZC111028.	171.78	0.686394	0.690229	ZC111040.	171.9	0.763591	0.740587	ZC111052.	171.98	0.963462	0.955563
0.779715	ZC111028.	171.78	0.679084	0.6831	ZC111040.	171.9	0.751461	0.733034	ZC111052.	171.98	0.95985	0.955963
0.767876	ZC111028.	171.78	0.671507	0.676611	ZC111040.	171.9	0.739213	0.726585	ZC111052.	171.98	0.955597	0.955448
0.755726	ZC111028.	171.78	0.662519	0.669908	ZC111040.	171.9	0.727675	0.721549	ZC111052.	171.98	0.951177	0.954023
0.743769	ZC111028.	171.78	0.651892	0.66234	ZC111040.	171.9	0.717893	0.717999	ZC111052.	171.98	0.947348	0.951867
0.732322	ZC111028.	171.78	0.640294	0.653704	ZC111040.	171.9	0.710765	0.715587	ZC111052.	171.98	0.944715	0.949226
0.72152	ZC111028.	171.78	0.628906	0.644236	ZC111040.	171.9	0.706645	0.713582	ZC111052.	171.98	0.943385	0.946399
0.71146	ZC111028.	171.78	0.618881	0.634393	ZC111040.	171.9	0.705111	0.711124	ZC111052.	171.98	0.9429	0.943712
0.702282	ZC111028.	171.78	0.61081	0.624572	ZC111040.	171.9	0.70501	0.70751	ZC111052.	171.98	0.942462	0.941438
0.694083	ZC111028.	171.78	0.60447	0.61492	ZC111040.	171.9	0.704778	0.70236	ZC111052.	171.98	0.941291	0.939707
0.686775	ZC111028.	171.78	0.598968	0.60539	ZC111040.	171.9	0.702953	0.695597	ZC111052.	171.98	0.938913	0.938482
0.680062	ZC111028.	171.78	0.593132	0.595968	ZC111040.	171.9	0.698631	0.687325	ZC111052.	171.98	0.935295	0.93759
0.673619	ZC111028.	171.78	0.58595	0.58688	ZC111040.	171.9	0.691687	0.67779	ZC111052.	171.98	0.930827	0.936822
0.66734	ZC111028.	171.78	0.576965	0.578599	ZC111040.	171.9	0.682699	0.667445	ZC111052.	171.98	0.926203	0.936047
0.661454	ZC111028.	171.78	0.566394	0.571599	ZC111040.	171.9	0.672683	0.657053	ZC111052.	171.98	0.922216	0.935261
0.656379	ZC111028.	171.78	0.554974	0.566004	ZC111040.	171.9	0.662702	0.647626	ZC111052.	171.98	0.91952	0.934549
0.6524	ZC111028.	171.78	0.543596	0.561368	ZC111040.	171.9	0.653598	0.64014	ZC111052.	171.98	0.918398	0.933985
0.649376	ZC111028.	171.78	0.532934	0.556721	ZC111040.	171.9	0.64584	0.63517	ZC111052.	171.98	0.918636	0.933482
0.64665	ZC111028.	171.78	0.523266	0.550872	ZC111040.	171.9	0.639528	0.632575	ZC111052.	171.98	0.919637	0.932718
0.643226	ZC111028.	171.78	0.514492	0.542839	ZC111040.	171.9	0.634537	0.631448	ZC111052.	171.98	0.920764	0.931248
0.638151	ZC111028.	171.78	0.506274	0.532195	ZC111040.	171.9	0.630746	0.630389	ZC111052.	171.98	0.921753	0.928831
0.630889	ZC111028.	171.78	0.498164	0.519236	ZC111040.	171.9	0.628315	0.627993	ZC111052.	171.98	0.922968	0.925844
0.621541	ZC111028.	171.78	0.489691	0.504871	ZC111040.	171.9	0.62788	0.623299	ZC111052.	171.98	0.92534	

name.122	depth.122	RawTest1.	RawTest2.122	name.123	depth.123	RawTest1.	RawTest2.123	name.124	depth.124	RawTest1.	RawTest2.124	name.125	depth.125
ZC111088.	172.38	0.989713	1.01056	ZC111112.	172.62	1.030948	0.965941	ZC111124.	172.74	1.003201	1.031506	ZC111136.	172.86
ZC111088.	172.38	0.989273	1.008661	ZC111112.	172.62	1.028423	0.968148	ZC111124.	172.74	1.002005	1.033467	ZC111136.	172.86
ZC111088.	172.38	0.98832	1.005455	ZC111112.	172.62	1.024238	0.972693	ZC111124.	172.74	1.000082	1.035687	ZC111136.	172.86
ZC111088.	172.38	0.987194	1.003084	ZC111112.	172.62	1.021083	0.977027	ZC111124.	172.74	0.998894	1.034819	ZC111136.	172.86
ZC111088.	172.38	0.985877	1.001637	ZC111112.	172.62	1.018756	0.980814	ZC111124.	172.74	0.998577	1.030285	ZC111136.	172.86
ZC111088.	172.38	0.984482	1.001003	ZC111112.	172.62	1.017018	0.983849	ZC111124.	172.74	0.999148	1.022181	ZC111136.	172.86
ZC111088.	172.38	0.983256	1.00086	ZC111112.	172.62	1.015744	0.98615	ZC111124.	172.74	1.000452	1.011388	ZC111136.	172.86
ZC111088.	172.38	0.982553	1.000747	ZC111112.	172.62	1.014996	0.98793	ZC111124.	172.74	1.002134	0.999463	ZC111136.	172.86
ZC111088.	172.38	0.982767	1.000226	ZC111112.	172.62	1.014976	0.989525	ZC111124.	172.74	1.003673	0.988292	ZC111136.	172.86
ZC111088.	172.38	0.984236	0.999056	ZC111112.	172.62	1.015865	0.991281	ZC111124.	172.74	1.004536	0.979629	ZC111136.	172.86
ZC111088.	172.38	0.987085	0.997318	ZC111112.	172.62	1.01766	0.993487	ZC111124.	172.74	1.004375	0.974631	ZC111136.	172.86
ZC111088.	172.38	0.99106	0.995404	ZC111112.	172.62	1.020087	0.996334	ZC111124.	172.74	1.003219	0.973599	ZC111136.	172.86
ZC111088.	172.38	0.995426	0.993888	ZC111112.	172.62	1.022598	0.999874	ZC111124.	172.74	1.001533	0.975972	ZC111136.	172.86
ZC111088.	172.38	0.999034	0.99333	ZC111112.	172.62	1.024511	1.003937	ZC111124.	172.74	1.000083	0.980565	ZC111136.	172.86
ZC111088.	172.38	1.000677	0.993992	ZC111112.	172.62	1.025171	1.008079	ZC111124.	172.74	0.999664	0.985992	ZC111136.	172.86
ZC111088.	172.38	0.999603	0.99577	ZC111112.	172.62	1.02411	1.011624	ZC111124.	172.74	1.00075	0.991072	ZC111136.	172.86
ZC111088.	172.38	0.99597	0.998104	ZC111112.	172.62	1.021119	1.013819	ZC111124.	172.74	1.003267	0.995045	ZC111136.	172.86
ZC111088.	172.38	0.990968	1.000214	ZC111112.	172.62	1.01628	1.014085	ZC111124.	172.74	1.006578	0.997558	ZC111136.	172.86
ZC111088.	172.38	0.986387	1.001418	ZC111112.	172.62	1.009918	1.012239	ZC111124.	172.74	1.009713	0.998466	ZC111136.	172.86
ZC111088.	172.38	0.983896	1.001434	ZC111112.	172.62	1.00256	1.0086	ZC111124.	172.74	1.011759	0.997702	ZC111136.	172.86
ZC111088.	172.38	0.984289	1.000498	ZC111112.	172.62	0.994892	1.003898	ZC111124.	172.74	1.012253	0.995179	ZC111136.	172.86
ZC111088.	172.38	0.987199	0.999254	ZC111112.	172.62	0.987678	0.999031	ZC111124.	172.74	1.011368	0.991093	ZC111136.	172.86
ZC111088.	172.38	0.991354	0.99842	ZC111112.	172.62	0.981599	0.994733	ZC111124.	172.74	1.009707	0.986122	ZC111136.	172.86
ZC111088.	172.38	0.995236	0.998427	ZC111112.	172.62	0.977007	0.99129	ZC111124.	172.74	1.007829	0.981445	ZC111136.	172.86
ZC111088.	172.38	0.997702	0.999194	ZC111112.	172.62	0.973781	0.98845	ZC111124.	172.74	1.005803	0.978376	ZC111136.	172.86
ZC111088.	172.38	0.998397	1.000187	ZC111112.	172.62	0.971377	0.985588	ZC111124.	172.74	1.003147	0.977683	ZC111136.	172.86
ZC111088.	172.38	0.997714	1.000732	ZC111112.	172.62	0.969095	0.982128	ZC111124.	172.74	0.999269	0.979003	ZC111136.	172.86
ZC111088.	172.38	0.99642	1.000406	ZC111112.	172.62	0.966469	0.977961	ZC111124.	172.74	0.99412	0.980735	ZC111136.	172.86
ZC111088.	172.38	0.995218	0.999309	ZC111112.	172.62	0.963504	0.973603	ZC111124.	172.74	0.988557	0.980639	ZC111136.	172.86
ZC111088.	172.38	0.994474	0.998135	ZC111112.	172.62	0.96058	0.969887	ZC111124.	172.74	0.984068	0.976863	ZC111136.	172.86
ZC111088.	172.38	0.994161	0.997938	ZC111112.	172.62	0.958096	0.967434	ZC111124.	172.74	0.981916	0.968927	ZC111136.	172.86
ZC111088.	172.38	0.994048	0.999665	ZC111112.	172.62	0.956109	0.966186	ZC111124.	172.74	0.982249	0.958107	ZC111136.	172.86
ZC111088.	172.38	0.993962	1.003681	ZC111112.	172.62	0.954215	0.965346	ZC111124.	172.74	0.983808	0.946935	ZC111136.	172.86
ZC111088.	172.38	0.994007	1.009494	ZC111112.	172.62	0.951823	0.963764	ZC111124.	172.74	0.984428	0.937983	ZC111136.	172.86
ZC111088.	172.38	0.99459	1.015809	ZC111112.	172.62	0.948514	0.960483	ZC111124.	172.74	0.982118	0.932631	ZC111136.	172.86
ZC111088.	172.38	0.996238	1.020908	ZC111112.	172.62	0.944223	0.955164	ZC111124.	172.74	0.976023	0.930446	ZC111136.	172.86
ZC111088.	172.38	0.999245	1.02321	ZC111112.	172.62	0.939086	0.948077	ZC111124.	172.74	0.966685	0.929532	ZC111136.	172.86
ZC111088.	172.38	1.003399	1.021824	ZC111112.	172.62	0.933093	0.939727	ZC111124.	172.74	0.955591	0.927629	ZC111136.	172.86
ZC111088.	172.38	1.007921	1.016918	ZC111112.	172.62	0.925852	0.93045	ZC111124.	172.74	0.944258	0.923219	ZC111136.	172.86
ZC111088.	172.38	1.011701	1.009671	ZC111112.	172.62	0.916693	0.920239	ZC111124.	172.74	0.933448	0.916058	ZC111136.	172.86
ZC111088.	172.38	1.013691	1.001821	ZC111112.	172.62	0.905047	0.908906	ZC111124.	172.74	0.922916	0.90687	ZC111136.	172.86
ZC111088.	172.38	1.013234	0.994971	ZC111112.	172.62	0.8908	0.896354	ZC111124.	172.74	0.911716	0.896569	ZC111136.	172.86
ZC111088.	172.38	1.010184	0.989981	ZC111112.	172.62	0.874369	0.88274	ZC111124.	172.74	0.898821	0.885645	ZC111136.	172.86
ZC111088.	172.38	1.004842	0.986659	ZC111112.	172.62	0.856513	0.868443	ZC111124.	172.74	0.883736	0.874062	ZC111136.	172.86
ZC111088.	172.38	0.997823	0.984	ZC111112.	172.62	0.83805	0.853873	ZC111124.	172.74	0.866768	0.86163	ZC111136.	172.86
ZC111088.	172.38	0.989972	0.980831	ZC111112.	172.62	0.819668	0.839314	ZC111124.	172.74	0.848895	0.848437	ZC111136.	172.86
ZC111088.	172.38	0.982276	0.976503	ZC111112.	172.62	0.801937	0.824908	ZC111124.	172.74	0.831333	0.834978	ZC111136.	172.86
ZC111088.	172.38	0.975686	0.971236	ZC111112.	172.62	0.785325	0.810748	ZC111124.	172.74	0.815014	0.821811	ZC111136.	172.86
ZC111088.	172.38	0.970844	0.9659	ZC111112.	172.62	0.770211	0.796957	ZC111124.	172.74	0.800275	0.809099	ZC111136.	172.86
ZC111088.	172.38	0.967836	0.961444	ZC111112.	172.62	0.756774	0.783667	ZC111124.	172.74	0.786846	0.796444	ZC111136.	172.86
ZC111088.	172.38	0.966135	0.958374	ZC111112.	172.62	0.744884	0.770938	ZC111124.	172.74	0.774095	0.783183	ZC111136.	172.86
ZC111088.	172.38	0.964801	0.956532	ZC111112.	172.62	0.734102	0.758752	ZC111124.	172.74	0.761382	0.768928	ZC111136.	172.86
ZC111088.	172.38	0.962902	0.955305	ZC111112.	172.62	0.723845	0.747034	ZC111124.	172.74	0.748357	0.753945	ZC111136.	172.86
ZC111088.	172.38	0.95991	0.954024	ZC111112.	172.62	0.713639	0.735705	ZC111124.	172.74	0.735055	0.739075	ZC111136.	172.86
ZC111088.	172.38	0.955873	0.952273	ZC111112.	172.62	0.703266	0.724716	ZC111124.	172.74	0.721847	0.725282	ZC111136.	172.86
ZC111088.	172.38	0.951321	0.949961	ZC111112.	172.62	0.692752	0.714017	ZC111124.	172.74	0.709277	0.713141	ZC111136.	172.86
ZC111088.	172.38	0.946959	0.947201	ZC111112.	172.62	0.682238	0.7035	ZC111124.	172.74	0.697856	0.702631	ZC111136.	172.86
ZC111088.	172.38	0.943357	0.944164	ZC111112.	172.62	0.671838	0.692968	ZC111124.	172.74	0.68784	0.693282	ZC111136.	172.86
ZC111088.	172.38	0.940772	0.941003	ZC111112.	172.62	0.661578	0.682229	ZC111124.	172.74	0.679077	0.684476	ZC111136.	172.86
ZC111088.	172.38	0.939137	0.937828	ZC111112.	172.62	0.651429	0.671276	ZC111124.	172.74	0.671007	0.675675	ZC111136.	172.86
ZC111088.	172.38	0.938146	0.934715	ZC111112.	172.62	0.641393	0.660393	ZC111124.	172.74	0.662893	0.666457	ZC111136.	172.86
ZC111088.	172.38	0.937356	0.931714	ZC111112.	172.62	0.63161	0.65007	ZC111124.	172.74	0.654162	0.656456	ZC111136.	172.86
ZC111088.	172.38	0.936282	0.928857	ZC111112.	172.62	0.622363	0.640736	ZC111124.	172.74	0.644721	0.645414	ZC111136.	172.86
ZC111088.	172.38	0.934508	0.926095	ZC111112.	172.62	0.614007	0.632486	ZC111124.	172.74	0.63503	0.633395	ZC111136.	172.86
ZC111088.	172.38	0.931828	0.923249	ZC111112.	172.62	0.606798	0.624986	ZC111124.	172.74	0.625868	0.620983	ZC111136.	172.86
ZC111088.	172.38	0.92838	0.919982	ZC111112.	172.62	0.600734	0.617634	ZC111124.	172.74	0.617897	0.60928	ZC111136.	172.86
ZC111088.	172.38	0.924626	0.915876	ZC111112.	172.62	0.595479	0.609896	ZC111124.	172.74	0.611243	0.599504	ZC111136.	172.86
ZC111088.	172.38	0.921114	0.910597	ZC111112.	172.62	0.590485	0.601616	ZC111124.	172.74	0.605306	0.592353	ZC111136.	172.86
ZC111088.	172.38	0.917988	0.90411	ZC111112.	172.62	0.585194	0.593091	ZC111124.	172.74	0.598976	0.587516	ZC111136.	172.86
ZC111088.	172.38	0.914383	0.896865	ZC111112.	172.62	0.579224	0.584864	ZC111124.	172.74	0.591153	0.583714	ZC111136.	172.86
ZC1													

RawTest1. RawTest2.125	name.126	depth.126	RawTest1. RawTest2.126	name.127	depth.127	RawTest1. RawTest2.127	name.128	depth.128	RawTest1. RawTest2.128
1.012985 0.996312	ZC111148.	172.98	1.014971 0.982452	ZC113050.	174.99	0.981959 0.982239	ZC113076.	175.26	0.979879 0.957068
1.015333 0.995966	ZC111148.	172.98	1.016239 0.981071	ZC113050.	174.99	0.980987 0.981995	ZC113076.	175.26	0.979035 0.958598
1.018963 0.995762	ZC111148.	172.98	1.018923 0.978817	ZC113050.	174.99	0.979567 0.982474	ZC113076.	175.26	0.978176 0.962399
1.021184 0.996351	ZC111148.	172.98	1.021767 0.977347	ZC113050.	174.99	0.978873 0.984163	ZC113076.	175.26	0.978508 0.967222
1.022055 0.997753	ZC111148.	172.98	1.024566 0.976786	ZC113050.	174.99	0.978927 0.986818	ZC113076.	175.26	0.979963 0.972943
1.021762 0.99975	ZC111148.	172.98	1.026906 0.977138	ZC113050.	174.99	0.979734 0.990043	ZC113076.	175.26	0.982235 0.979252
1.020545 1.001903	ZC111148.	172.98	1.028193 0.978303	ZC113050.	174.99	0.981289 0.993406	ZC113076.	175.26	0.984889 0.985719
1.018611 1.003665	ZC111148.	172.98	1.027743 0.980088	ZC113050.	174.99	0.983544 0.996526	ZC113076.	175.26	0.987505 0.991889
1.016062 1.004539	ZC111148.	172.98	1.02497 0.982241	ZC113050.	174.99	0.986341 0.999078	ZC113076.	175.26	0.989843 0.997373
1.012856 1.004258	ZC111148.	172.98	1.019629 0.984476	ZC113050.	174.99	0.989358 1.000782	ZC113076.	175.26	0.991924 1.00193
1.008853 1.002877	ZC111148.	172.98	1.01202 0.986482	ZC113050.	174.99	0.992114 1.001375	ZC113076.	175.26	0.993979 1.00548
1.003952 1.000716	ZC111148.	172.98	1.003035 0.987928	ZC113050.	174.99	0.994067 1.000703	ZC113076.	175.26	0.996257 1.008057
0.998307 0.998173	ZC111148.	172.98	0.993985 0.988512	ZC113050.	174.99	0.994791 0.998778	ZC113076.	175.26	0.998801 1.009694
0.992523 0.995529	ZC111148.	172.98	0.986208 0.988084	ZC113050.	174.99	0.994165 0.995933	ZC113076.	175.26	1.001296 1.01028
0.987649 0.992816	ZC111148.	172.98	0.980672 0.9867	ZC113050.	174.99	0.992408 0.992739	ZC113076.	175.26	1.003101 1.009579
0.984878 0.989861	ZC111148.	172.98	0.977738 0.984737	ZC113050.	174.99	0.990037 0.989789	ZC113076.	175.26	1.003498 1.007286
0.985051 0.986458	ZC111148.	172.98	0.977187 0.982796	ZC113050.	174.99	0.987627 0.987414	ZC113076.	175.26	1.001979 1.003381
0.988184 0.982532	ZC111148.	172.98	0.978404 0.981501	ZC113050.	174.99	0.985569 0.985481	ZC113076.	175.26	0.998438 0.998356
0.99336 0.978237	ZC111148.	172.98	0.980629 0.981276	ZC113050.	174.99	0.98392 0.983478	ZC113076.	175.26	0.99318 0.993229
0.999013 0.973913	ZC111148.	172.98	0.983124 0.982182	ZC113050.	174.99	0.982412 0.98079	ZC113076.	175.26	0.986782 0.989205
1.003492 0.969936	ZC111148.	172.98	0.985248 0.983894	ZC113050.	174.99	0.980592 0.977049	ZC113076.	175.26	0.979947 0.987137
1.005516 0.966572	ZC111148.	172.98	0.986525 0.985828	ZC113050.	174.99	0.978022 0.972315	ZC113076.	175.26	0.973438 0.987079
1.004452 0.963893	ZC111148.	172.98	0.986749 0.987352	ZC113050.	174.99	0.974464 0.967005	ZC113076.	175.26	0.968059 0.988214
1.000351 0.961778	ZC111148.	172.98	0.986051 0.98791	ZC113050.	174.99	0.96998 0.961627	ZC113076.	175.26	0.964567 0.989232
0.993841 0.959939	ZC111148.	172.98	0.984801 0.987083	ZC113050.	174.99	0.964907 0.956479	ZC113076.	175.26	0.963478 0.988916
0.985934 0.957974	ZC111148.	172.98	0.983355 0.984406	ZC113050.	174.99	0.959694 0.951517	ZC113076.	175.26	0.964774 0.98669
0.97777 0.955486	ZC111148.	172.98	0.981785 0.979537	ZC113050.	174.99	0.95464 0.946448	ZC113076.	175.26	0.967834 0.98281
0.970285 0.952294	ZC111148.	172.98	0.979792 0.97242	ZC113050.	174.99	0.949679 0.940983	ZC113076.	175.26	0.971508 0.978155
0.963947 0.948586	ZC111148.	172.98	0.976843 0.963575	ZC113050.	174.99	0.944362 0.935016	ZC113076.	175.26	0.974488 0.973719
0.958681 0.94491	ZC111148.	172.98	0.972441 0.954201	ZC113050.	174.99	0.938039 0.928645	ZC113076.	175.26	0.975682 0.970103
0.953982 0.941915	ZC111148.	172.98	0.966353 0.945874	ZC113050.	174.99	0.930201 0.922005	ZC113076.	175.26	0.974518 0.967222
0.949166 0.939974	ZC111148.	172.98	0.958718 0.93986	ZC113050.	174.99	0.920794 0.915082	ZC113076.	175.26	0.971052 0.964409
0.943598 0.938854	ZC111148.	172.98	0.949977 0.936447	ZC113050.	174.99	0.910282 0.907672	ZC113076.	175.26	0.965904 0.960824
0.936782 0.937703	ZC111148.	172.98	0.940721 0.934695	ZC113050.	174.99	0.899397 0.8995	ZC113076.	175.26	0.959973 0.955899
0.928363 0.935348	ZC111148.	172.98	0.931514 0.932861	ZC113050.	174.99	0.888722 0.890401	ZC113076.	175.26	0.954065 0.94961
0.91819 0.930702	ZC111148.	172.98	0.922727 0.929262	ZC113050.	174.99	0.878361 0.880413	ZC113076.	175.26	0.94854 0.942483
0.906471 0.923185	ZC111148.	172.98	0.914389 0.923065	ZC113050.	174.99	0.867912 0.869741	ZC113076.	175.26	0.943209 0.935324
0.893894 0.912948	ZC111148.	172.98	0.906134 0.914476	ZC113050.	174.99	0.856755 0.858648	ZC113076.	175.26	0.937521 0.928859
0.881549 0.9009	ZC111148.	172.98	0.897323 0.904314	ZC113050.	174.99	0.844476 0.847344	ZC113076.	175.26	0.930958 0.923433
0.870596 0.888462	ZC111148.	172.98	0.887272 0.893285	ZC113050.	174.99	0.831135 0.835895	ZC113076.	175.26	0.923431 0.918859
0.861746 0.877081	ZC111148.	172.98	0.875535 0.881454	ZC113050.	174.99	0.817215 0.824199	ZC113076.	175.26	0.915332 0.9145
0.854914 0.867659	ZC111148.	172.98	0.862025 0.868292	ZC113050.	174.99	0.803327 0.812018	ZC113076.	175.26	0.907208 0.909536
0.849233 0.860148	ZC111148.	172.98	0.846696 0.853189	ZC113050.	174.99	0.789877 0.799069	ZC113076.	175.26	0.899273 0.903286
0.843386 0.853512	ZC111148.	172.98	0.830756 0.83603	ZC113050.	174.99	0.776922 0.785122	ZC113076.	175.26	0.891108 0.895473
0.836101 0.846145	ZC111148.	172.98	0.813945 0.817436	ZC113050.	174.99	0.764267 0.770101	ZC113076.	175.26	0.881843 0.886301
0.826578 0.836606	ZC111148.	172.98	0.797149 0.798537	ZC113050.	174.99	0.75168 0.754176	ZC113076.	175.26	0.870731 0.876322
0.814712 0.824316	ZC111148.	172.98	0.781026 0.780504	ZC113050.	174.99	0.739088 0.737796	ZC113076.	175.26	0.85773 0.866168
0.801115 0.809842	ZC111148.	172.98	0.766126 0.764181	ZC113050.	174.99	0.726667 0.721644	ZC113076.	175.26	0.843744 0.856284
0.786934 0.794618	ZC111148.	172.98	0.752702 0.74988	ZC113050.	174.99	0.714749 0.706499	ZC113076.	175.26	0.830299 0.846782
0.773509 0.78022	ZC111148.	172.98	0.740624 0.737384	ZC113050.	174.99	0.70362 0.693061	ZC113076.	175.26	0.81887 0.837489
0.761914 0.767689	ZC111148.	172.98	0.729486 0.726098	ZC113050.	174.99	0.693344 0.681796	ZC113076.	175.26	0.810233 0.828135
0.752594 0.757218	ZC111148.	172.98	0.718856 0.71526	ZC113050.	174.99	0.683724 0.672823	ZC113076.	175.26	0.804206 0.81856
0.745215 0.748278	ZC111148.	172.98	0.708474 0.704186	ZC113050.	174.99	0.674406 0.665891	ZC113076.	175.26	0.799802 0.808839
0.738852 0.740023	ZC111148.	172.98	0.698285 0.692475	ZC113050.	174.99	0.665096 0.660456	ZC113076.	175.26	0.795689 0.799268
0.732404 0.731699	ZC111148.	172.98	0.688288 0.680096	ZC113050.	174.99	0.655773 0.655861	ZC113076.	175.26	0.790724 0.790286
0.724969 0.722841	ZC111148.	172.98	0.67838 0.667306	ZC113050.	174.99	0.646789 0.65153	ZC113076.	175.26	0.784303 0.782382
0.71611 0.713295	ZC111148.	172.98	0.668314 0.654449	ZC113050.	174.99	0.638753 0.647109	ZC113076.	175.26	0.77646 0.775976
0.705832 0.703175	ZC111148.	172.98	0.657823 0.641804	ZC113050.	174.99	0.632228 0.642452	ZC113076.	175.26	0.767678 0.771265
0.694484 0.692791	ZC111148.	172.98	0.646821 0.629599	ZC113050.	174.99	0.627419 0.63746	ZC113076.	175.26	0.758557 0.768091
0.682664 0.682567	ZC111148.	172.98	0.635489 0.618124	ZC113050.	174.99	0.624038 0.631946	ZC113076.	175.26	0.749542 0.76593
0.671157 0.672941	ZC111148.	172.98	0.624186 0.607771	ZC113050.	174.99	0.621438 0.62567	ZC113076.	175.26	0.740822 0.764002
0.660825 0.664261	ZC111148.	172.98	0.613224 0.598873	ZC113050.	174.99	0.618961 0.618577	ZC113076.	175.26	0.732453 0.761486
0.652377 0.656677	ZC111148.	172.98	0.602667 0.591429	ZC113050.	174.99	0.616242 0.611015	ZC113076.	175.26	0.724579 0.757745
0.646073 0.650065	ZC111148.	172.98	0.592288 0.584941	ZC113050.	174.99	0.613255 0.			

128	name.129	depth.129	RawTest1.	RawTest2.129	name.130	depth.130	RawTest1.	RawTest2.130	name.131	depth.131	RawTest1.	RawTest2.131	name.132
	ZC114112.	177.12	1.01235	0.998654	ZC115076.	178.26	1.003945	0.976843	ZC115148.	178.98	1.040756	1.002809	ZC116028.
	ZC114112.	177.12	1.012035	0.999399	ZC115076.	178.26	1.001977	0.976445	ZC115148.	178.98	1.036925	1.000875	ZC116028.
	ZC114112.	177.12	1.010855	1.000702	ZC115076.	178.26	0.997963	0.976638	ZC115148.	178.98	1.029303	0.996882	ZC116028.
	ZC114112.	177.12	1.008852	1.001899	ZC115076.	178.26	0.994069	0.978176	ZC115148.	178.98	1.021766	0.992869	ZC116028.
	ZC114112.	177.12	1.006055	1.003135	ZC115076.	178.26	0.990608	0.980915	ZC115148.	178.98	1.014502	0.989281	ZC116028.
	ZC114112.	177.12	1.002692	1.004506	ZC115076.	178.26	0.987873	0.984468	ZC115148.	178.98	1.007798	0.986674	ZC116028.
	ZC114112.	177.12	0.999148	1.00601	ZC115076.	178.26	0.986025	0.988275	ZC115148.	178.98	1.001962	0.985502	ZC116028.
	ZC114112.	177.12	0.995847	1.007555	ZC115076.	178.26	0.985026	0.991737	ZC115148.	178.98	0.997244	0.98588	ZC116028.
	ZC114112.	177.12	0.993096	1.008996	ZC115076.	178.26	0.984656	0.994343	ZC115148.	178.98	0.993779	0.987436	ZC116028.
	ZC114112.	177.12	0.990953	1.010173	ZC115076.	178.26	0.984602	0.995578	ZC115148.	178.98	0.991621	0.989367	ZC116028.
	ZC114112.	177.12	0.989196	1.010959	ZC115076.	178.26	0.984555	0.995958	ZC115148.	178.98	0.990846	0.990727	ZC116028.
	ZC114112.	177.12	0.987412	1.011274	ZC115076.	178.26	0.98429	0.994958	ZC115148.	178.98	0.991573	0.990803	ZC116028.
	ZC114112.	177.12	0.985205	1.011108	ZC115076.	178.26	0.983707	0.992977	ZC115148.	178.98	0.993927	0.989395	ZC116028.
	ZC114112.	177.12	0.982408	1.010506	ZC115076.	178.26	0.982825	0.990328	ZC115148.	178.98	0.997792	0.986869	ZC116028.
	ZC114112.	177.12	0.97922	1.009546	ZC115076.	178.26	0.981812	0.987509	ZC115148.	178.98	1.002603	0.983917	ZC116028.
	ZC114112.	177.12	0.976174	1.008297	ZC115076.	178.26	0.980967	0.985241	ZC115148.	178.98	1.007289	0.981187	ZC116028.
	ZC114112.	177.12	0.973958	1.006804	ZC115076.	178.26	0.980647	0.984356	ZC115148.	178.98	1.010493	0.979002	ZC116028.
	ZC114112.	177.12	0.973146	1.005109	ZC115076.	178.26	0.981117	0.985467	ZC115148.	178.98	1.011046	0.977287	ZC116028.
	ZC114112.	177.12	0.973932	1.003274	ZC115076.	178.26	0.982368	0.988555	ZC115148.	178.98	1.008455	0.975742	ZC116028.
	ZC114112.	177.12	0.9761	1.001399	ZC115076.	178.26	0.984036	0.992764	ZC115148.	178.98	1.003141	0.974148	ZC116028.
	ZC114112.	177.12	0.978996	0.999584	ZC115076.	178.26	0.985475	0.996593	ZC115148.	178.98	0.99627	0.972553	ZC116028.
	ZC114112.	177.12	0.981707	0.997849	ZC115076.	178.26	0.985988	0.998461	ZC115148.	178.98	0.989272	0.971247	ZC116028.
	ZC114112.	177.12	0.983276	0.996081	ZC115076.	178.26	0.985136	0.997372	ZC115148.	178.98	0.983242	0.97053	ZC116028.
	ZC114112.	177.12	0.982963	0.99403	ZC115076.	178.26	0.982945	0.993322	ZC115148.	178.98	0.978527	0.970436	ZC116028.
	ZC114112.	177.12	0.980477	0.991397	ZC115076.	178.26	0.979911	0.987229	ZC115148.	178.98	0.974659	0.970622	ZC116028.
	ZC114112.	177.12	0.976095	0.987932	ZC115076.	178.26	0.976795	0.980492	ZC115148.	178.98	0.970633	0.970481	ZC116028.
	ZC114112.	177.12	0.970593	0.983516	ZC115076.	178.26	0.97426	0.974417	ZC115148.	178.98	0.965426	0.969431	ZC116028.
	ZC114112.	177.12	0.964953	0.978208	ZC115076.	178.26	0.972561	0.969801	ZC115148.	178.98	0.958503	0.967197	ZC116028.
	ZC114112.	177.12	0.95997	0.972289	ZC115076.	178.26	0.971438	0.966825	ZC115148.	178.98	0.950045	0.963886	ZC116028.
	ZC114112.	177.12	0.955951	0.966253	ZC115076.	178.26	0.970229	0.96516	ZC115148.	178.98	0.94084	0.959794	ZC116028.
	ZC114112.	177.12	0.952647	0.960693	ZC115076.	178.26	0.968127	0.964134	ZC115148.	178.98	0.931954	0.955139	ZC116028.
	ZC114112.	177.12	0.949416	0.956083	ZC115076.	178.26	0.964507	0.96292	ZC115148.	178.98	0.924342	0.949894	ZC116028.
	ZC114112.	177.12	0.945543	0.952494	ZC115076.	178.26	0.959187	0.960662	ZC115148.	178.98	0.918547	0.943843	ZC116028.
	ZC114112.	177.12	0.940506	0.949446	ZC115076.	178.26	0.952525	0.956551	ZC115148.	178.98	0.914578	0.936772	ZC116028.
	ZC114112.	177.12	0.934097	0.945968	ZC115076.	178.26	0.945307	0.950514	ZC115148.	178.98	0.911923	0.92868	ZC116028.
	ZC114112.	177.12	0.926402	0.94095	ZC115076.	178.26	0.938447	0.942377	ZC115148.	178.98	0.909693	0.919869	ZC116028.
	ZC114112.	177.12	0.917712	0.933612	ZC115076.	178.26	0.932595	0.932886	ZC115148.	178.98	0.90692	0.910877	ZC116028.
	ZC114112.	177.12	0.908416	0.923819	ZC115076.	178.26	0.927893	0.923026	ZC115148.	178.98	0.902911	0.902296	ZC116028.
	ZC114112.	177.12	0.898931	0.912108	ZC115076.	178.26	0.923921	0.913781	ZC115148.	178.98	0.897492	0.894569	ZC116028.
	ZC114112.	177.12	0.889615	0.899393	ZC115076.	178.26	0.919889	0.9058	ZC115148.	178.98	0.89101	0.887832	ZC116028.
	ZC114112.	177.12	0.880653	0.886538	ZC115076.	178.26	0.914939	0.899166	ZC115148.	178.98	0.884052	0.881806	ZC116028.
	ZC114112.	177.12	0.871992	0.874039	ZC115076.	178.26	0.90846	0.89342	ZC115148.	178.98	0.877029	0.875811	ZC116028.
	ZC114112.	177.12	0.863324	0.861945	ZC115076.	178.26	0.900246	0.887761	ZC115148.	178.98	0.869919	0.86896	ZC116028.
	ZC114112.	177.12	0.85417	0.849999	ZC115076.	178.26	0.890482	0.881381	ZC115148.	178.98	0.862321	0.860484	ZC116028.
	ZC114112.	177.12	0.844032	0.837891	ZC115076.	178.26	0.87958	0.873759	ZC115148.	178.98	0.853793	0.850136	ZC116028.
	ZC114112.	177.12	0.832636	0.825479	ZC115076.	178.26	0.867997	0.86482	ZC115148.	178.98	0.844222	0.838413	ZC116028.
	ZC114112.	177.12	0.820113	0.812884	ZC115076.	178.26	0.856142	0.85488	ZC115148.	178.98	0.833972	0.826485	ZC116028.
	ZC114112.	177.12	0.807071	0.800464	ZC115076.	178.26	0.844379	0.844473	ZC115148.	178.98	0.823725	0.815721	ZC116028.
	ZC114112.	177.12	0.79445	0.7887	ZC115076.	178.26	0.833034	0.834153	ZC115148.	178.98	0.814148	0.807147	ZC116028.
	ZC114112.	177.12	0.783168	0.778083	ZC115076.	178.26	0.822367	0.82438	ZC115148.	178.98	0.805626	0.801003	ZC116028.
	ZC114112.	177.12	0.773713	0.768995	ZC115076.	178.26	0.812522	0.815477	ZC115148.	178.98	0.798218	0.796726	ZC116028.
	ZC114112.	177.12	0.76591	0.761621	ZC115076.	178.26	0.803531	0.807638	ZC115148.	178.98	0.791813	0.793297	ZC116028.
	ZC114112.	177.12	0.759012	0.755832	ZC115076.	178.26	0.79539	0.800898	ZC115148.	178.98	0.786305	0.789767	ZC116028.
	ZC114112.	177.12	0.752133	0.751126	ZC115076.	178.26	0.788135	0.79511	ZC115148.	178.98	0.781632	0.785645	ZC116028.
	ZC114112.	177.12	0.744728	0.746701	ZC115076.	178.26	0.781851	0.789935	ZC115148.	178.98	0.777703	0.780972	ZC116028.
	ZC114112.	177.12	0.736869	0.741696	ZC115076.	178.26	0.776561	0.784918	ZC115148.	178.98	0.774729	0.776118	ZC116028.
	ZC114112.	177.12	0.729143	0.735533	ZC115076.	178.26	0.772109	0.77962	ZC115148.	178.98	0.771016	0.771479	ZC116028.
	ZC114112.	177.12	0.722241	0.728206	ZC115076.	178.26	0.768134	0.773748	ZC115148.	178.98	0.76746	0.767231	ZC116028.
	ZC114112.	177.12	0.716505	0.720316	ZC115076.	178.26	0.764177	0.767217	ZC115148.	178.98	0.763292	0.763287	ZC116028.
	ZC114112.	177.12	0.711739	0.712787	ZC115076.	178.26	0.759868	0.760118	ZC115148.	178.98	0.758378	0.759414	ZC116028.
	ZC114112.	177.12	0.707344	0.706424	ZC115076.	178.26	0.755051	0.752656	ZC115148.	178.98	0.752802	0.755392	ZC116028.
	ZC114112.	177.12	0.702689	0.701513	ZC115076.	178.26	0.749812	0.745093	ZC115148.	178.98	0.74681	0.751098	ZC116028.
	ZC114112.	177.12	0.697471	0.697742	ZC115076.	178.26	0.744377	0.737742	ZC115148.	178.98	0.740711	0.746521	ZC116028.
	ZC114112.	177.12	0.691841	0.694472	ZC115076.	178.26	0.73897	0.730962	ZC115148.	178.98	0.734764	0.74171	ZC116028.
	ZC114112.	177.12	0.68626	0.691132	ZC115076.	178.26	0.733747	0.725097	ZC115148.	178.98	0.729106	0.736721	ZC116028.
	ZC114112.	177.12	0.681216	0.687514	ZC115076.	178.26	0.728813	0.720353	ZC115148.	178.98	0.723756	0.731606	ZC116028.
	ZC114112.	177.12	0.676951	0.683755	ZC115076.	178.26	0.724264	0.716655	ZC115148.	178.98	0.718649	0.726426	ZC116028.
	ZC114112.	177.12	0.673328	0.680038	ZC115076.	178.26	0.720155	0.713597	ZC115148.	178.98	0.713675	0.721239	ZC116028.
	ZC114112.	177.12	0.669886	0.676253	ZC115076.	178.26	0.716382	0.710538	ZC115148.	178.98	0.708675	0.716059	ZC116028.
	ZC114112.	177.12	0.666032	0.671869	ZC115076.	178.26	0.712566	0.706826	ZC115148.	178.98	0.703451	0.710817	ZC116028.
	ZC114112.	177.12	0.661243	0.666144	ZC115076.	178.26	0.708068	0.702031	ZC115148.	178.98	0.697581	0.705385	ZC116028.
	ZC114112.	177.12	0.655234	0.658597	ZC115076.	178.26	0.702193	0.696067	ZC115148.	178.98	0.69085	0.699702	ZC116028.
	ZC114112.	177.12	0.648019	0.64945	ZC115076.	178.26	0.694463	0.689153	ZC115148.	178.98	0.682987	0.693964	ZC116

depth.132	RawTest1.132	RawTest2.132	name.133	depth.133	RawTest1.133	RawTest2.133	name.134	depth.134	RawTest1.134	RawTest2.134	name.135	depth.135	RawTest1.135
179.28	1.037277	1.027009	ZC116052.	179.52	0.962392	1.007535	ZC116100.	180	1.004642	0.981592	ZC121124.	185.54	1.019209
179.28	1.035766	1.026583	ZC116052.	179.52	0.962958	1.007164	ZC116100.	180	1.004155	0.981149	ZC121124.	185.54	1.016905
179.28	1.032041	1.025568	ZC116052.	179.52	0.964791	1.00652	ZC116100.	180	1.003655	0.981451	ZC121124.	185.54	1.012405
179.28	1.027379	1.024227	ZC116052.	179.52	0.967666	1.006033	ZC116100.	180	1.003903	0.983018	ZC121124.	185.54	1.007989
179.28	1.021969	1.022487	ZC116052.	179.52	0.971509	1.00567	ZC116100.	180	1.004931	0.985236	ZC121124.	185.54	1.003767
179.28	1.016241	1.020368	ZC116052.	179.52	0.975975	1.005289	ZC116100.	180	1.006564	0.98732	ZC121124.	185.54	1.000017
179.28	1.010792	1.017983	ZC116052.	179.52	0.980528	1.004652	ZC116100.	180	1.008432	0.988539	ZC121124.	185.54	0.997149
179.28	1.006256	1.01553	ZC116052.	179.52	0.984631	1.003507	ZC116100.	180	1.010049	0.98847	ZC121124.	185.54	0.995592
179.28	1.00312	1.013246	ZC116052.	179.52	0.987922	1.001689	ZC116100.	180	1.010964	0.987111	ZC121124.	185.54	0.995662
179.28	1.001542	1.011337	ZC116052.	179.52	0.990332	0.999182	ZC116100.	180	1.010938	0.984868	ZC121124.	185.54	0.997439
179.28	1.001222	1.009877	ZC116052.	179.52	0.992043	0.996103	ZC116100.	180	1.010068	0.982448	ZC121124.	185.54	1.000708
179.28	1.00143	1.008756	ZC116052.	179.52	0.993329	0.992633	ZC116100.	180	1.008753	0.980664	ZC121124.	185.54	1.004989
179.28	1.00119	1.00767	ZC116052.	179.52	0.994355	0.988958	ZC116100.	180	1.007531	0.980258	ZC121124.	185.54	1.009586
179.28	0.999591	1.006213	ZC116052.	179.52	0.995053	0.98525	ZC116100.	180	1.00678	0.981726	ZC121124.	185.54	1.013711
179.28	0.996106	1.004002	ZC116052.	179.52	0.995169	0.981679	ZC116100.	180	1.006475	0.985173	ZC121124.	185.54	1.01665
179.28	0.990743	1.000771	ZC116052.	179.52	0.994449	0.978396	ZC116100.	180	1.00614	0.990247	ZC121124.	185.54	1.017924
179.28	0.983973	0.996418	ZC116052.	179.52	0.992849	0.975491	ZC116100.	180	1.005061	0.996162	ZC121124.	185.54	1.01739
179.28	0.9765	0.991002	ZC116052.	179.52	0.99065	0.972942	ZC116100.	180	1.002666	1.00183	ZC121124.	185.54	1.015247
179.28	0.968975	0.984727	ZC116052.	179.52	0.988372	0.970619	ZC116100.	180	0.998894	1.006127	ZC121124.	185.54	1.011921
179.28	0.961848	0.977963	ZC116052.	179.52	0.986501	0.96833	ZC116100.	180	0.994315	1.008215	ZC121124.	185.54	1.007877
179.28	0.955384	0.971228	ZC116052.	179.52	0.985169	0.965929	ZC116100.	180	0.989923	1.007823	ZC121124.	185.54	1.003475
179.28	0.949777	0.965105	ZC116052.	179.52	0.983985	0.963378	ZC116100.	180	0.986698	1.005343	ZC121124.	185.54	0.998944
179.28	0.945196	0.960041	ZC116052.	179.52	0.982145	0.960763	ZC116100.	180	0.985171	1.001699	ZC121124.	185.54	0.994491
179.28	0.941718	0.956144	ZC116052.	179.52	0.978792	0.958211	ZC116100.	180	0.985217	0.997987	ZC121124.	185.54	0.990453
179.28	0.939223	0.953083	ZC116052.	179.52	0.973417	0.955774	ZC116100.	180	0.986137	0.995068	ZC121124.	185.54	0.987324
179.28	0.937363	0.950156	ZC116052.	179.52	0.966123	0.953365	ZC116100.	180	0.986983	0.993222	ZC121124.	185.54	0.98559
179.28	0.935638	0.946489	ZC116052.	179.52	0.957597	0.950757	ZC116100.	180	0.986922	0.992036	ZC121124.	185.54	0.985391
179.28	0.933536	0.941289	ZC116052.	179.52	0.948821	0.947661	ZC116100.	180	0.985493	0.990573	ZC121124.	185.54	0.986252
179.28	0.93064	0.934119	ZC116052.	179.52	0.940658	0.943877	ZC116100.	180	0.982633	0.987759	ZC121124.	185.54	0.987044
179.28	0.926649	0.925064	ZC116052.	179.52	0.93358	0.939401	ZC116100.	180	0.97856	0.982829	ZC121124.	185.54	0.986346
179.28	0.921234	0.914719	ZC116052.	179.52	0.927593	0.934426	ZC116100.	180	0.973612	0.975661	ZC121124.	185.54	0.983013
179.28	0.914566	0.90399	ZC116052.	179.52	0.922366	0.929201	ZC116100.	180	0.968124	0.966853	ZC121124.	185.54	0.976729
179.28	0.906326	0.893745	ZC116052.	179.52	0.917452	0.923834	ZC116100.	180	0.962376	0.957473	ZC121124.	185.54	0.968155
179.28	0.896848	0.884503	ZC116052.	179.52	0.912438	0.918174	ZC116100.	180	0.956554	0.948654	ZC121124.	185.54	0.958629
179.28	0.886597	0.876296	ZC116052.	179.52	0.906955	0.911904	ZC116100.	180	0.950688	0.941209	ZC121124.	185.54	0.949554
179.28	0.876185	0.868734	ZC116052.	179.52	0.900635	0.904792	ZC116100.	180	0.944617	0.935407	ZC121124.	185.54	0.941738
179.28	0.866191	0.861268	ZC116052.	179.52	0.893143	0.896973	ZC116100.	180	0.938035	0.930948	ZC121124.	185.54	0.935121
179.28	0.85701	0.853496	ZC116052.	179.52	0.884317	0.888998	ZC116100.	180	0.930669	0.927129	ZC121124.	185.54	0.928972
179.28	0.848752	0.845363	ZC116052.	179.52	0.874359	0.881577	ZC116100.	180	0.922484	0.923091	ZC121124.	185.54	0.922417
179.28	0.841181	0.837121	ZC116052.	179.52	0.863939	0.875162	ZC116100.	180	0.913772	0.918087	ZC121124.	185.54	0.91491
179.28	0.833744	0.82907	ZC116052.	179.52	0.854045	0.869583	ZC116100.	180	0.905002	0.911684	ZC121124.	185.54	0.906375
179.28	0.825694	0.821248	ZC116052.	179.52	0.845582	0.864079	ZC116100.	180	0.896534	0.903818	ZC121124.	185.54	0.897002
179.28	0.816338	0.81329	ZC116052.	179.52	0.838946	0.857671	ZC116100.	180	0.888356	0.894721	ZC121124.	185.54	0.886911
179.28	0.805301	0.804533	ZC116052.	179.52	0.8338	0.849626	ZC116100.	180	0.88005	0.884751	ZC121124.	185.54	0.875961
179.28	0.792741	0.794348	ZC116052.	179.52	0.82916	0.839727	ZC116100.	180	0.871018	0.87423	ZC121124.	185.54	0.863809
179.28	0.779366	0.782525	ZC116052.	179.52	0.823801	0.828228	ZC116100.	180	0.860907	0.863357	ZC121124.	185.54	0.850161
179.28	0.766174	0.769479	ZC116052.	179.52	0.816774	0.815565	ZC116100.	180	0.849913	0.852254	ZC121124.	185.54	0.835052
179.28	0.754083	0.75615	ZC116052.	179.52	0.807753	0.802604	ZC116100.	180	0.838792	0.841076	ZC121124.	185.54	0.818964
179.28	0.743601	0.743655	ZC116052.	179.52	0.797089	0.789782	ZC116100.	180	0.828517	0.830098	ZC121124.	185.54	0.80272
179.28	0.734731	0.732892	ZC116052.	179.52	0.785582	0.777966	ZC116100.	180	0.819825	0.819662	ZC121124.	185.54	0.787192
179.28	0.727105	0.724236	ZC116052.	179.52	0.77414	0.767938	ZC116100.	180	0.81288	0.810025	ZC121124.	185.54	0.773049
179.28	0.72022	0.717503	ZC116052.	179.52	0.763536	0.760246	ZC116100.	180	0.80725	0.801209	ZC121124.	185.54	0.760561
179.28	0.713639	0.712122	ZC116052.	179.52	0.754297	0.754919	ZC116100.	180	0.80216	0.79297	ZC121124.	185.54	0.749573
179.28	0.707085	0.707419	ZC116052.	179.52	0.746708	0.751362	ZC116100.	180	0.796856	0.784941	ZC121124.	185.54	0.739648
179.28	0.700415	0.702853	ZC116052.	179.52	0.74082	0.748567	ZC116100.	180	0.790849	0.776853	ZC121124.	185.54	0.730307
179.28	0.693554	0.69811	ZC116052.	179.52	0.736412	0.745542	ZC116100.	180	0.78399	0.768691	ZC121124.	185.54	0.721251
179.28	0.686427	0.693057	ZC116052.	179.52	0.732981	0.741695	ZC116100.	180	0.776401	0.760682	ZC121124.	185.54	0.712489
179.28	0.678957	0.687667	ZC116052.	179.52	0.729813	0.736978	ZC116100.	180	0.768389	0.753164	ZC121124.	185.54	0.704304
179.28	0.671105	0.681946	ZC116052.	179.52	0.726163	0.731718	ZC116100.	180	0.760417	0.746407	ZC121124.	185.54	0.697055
179.28	0.662916	0.675892	ZC116052.	179.52	0.721524	0.726265	ZC116100.	180	0.753054	0.740483	ZC121124.	185.54	0.690891
179.28	0.654545	0.669486	ZC116052.	179.52	0.715812	0.720725	ZC116100.	180	0.74682	0.735232	ZC121124.	185.54	0.685544
179.28	0.646234	0.662702	ZC116052.	179.52	0.709358	0.714904	ZC116100.	180	0.741953	0.730308	ZC121124.	185.54	0.680345
179.28	0.638226	0.655539	ZC116052.	179.52	0.702723	0.70849	ZC116100.	180	0.738204	0.72531	ZC121124.	185.54	0.674467
179.28	0.630683	0.648042	ZC116052.	179.52	0.696417	0.701333	ZC116100.	180	0.734813	0.71994	ZC121124.	185.54	0.66728
179.28	0.623657	0.640297	ZC116052.	179.52	0.690675	0.69362	ZC116100.	180	0.730787	0.7141	ZC121124.	185.54	0.658639
179.28	0.617163	0.632444	ZC116052.	179.52	0.685433	0.685878	ZC116100.	180	0.725351	0.70789	ZC121124.	185.54	0.648957
179.28	0.611309	0.624709	ZC116052.	179.52	0.68046	0.678763	ZC116100.	180	0.718302	0.701511	ZC121124.	185.54	0.639018
179.28	0.606321	0.617422	ZC116052.	179.52	0.675545	0.672781	ZC116100.	180	0.710061	0.695129	ZC121124.	185.54	0.629622
179.28	0.60244	0.610986	ZC116052.	179.52	0.670578	0.668067	ZC116100.	180	0.701407	0.688797	ZC121124.	185.54	0.621251
179.28	0.599698	0.605748	ZC116052.	179.52	0.665525	0.664344	ZC116100.	180	0.693077	0.68245	ZC121124.	185.54	0.613936
179.28	0.59772	0.601782	ZC116052.	179.52	0.66038	0.661052	ZC116100.	180	0.685485	0.675938	ZC121124.</		

RawTest2.135	name.136	depth.136	RawTest1.	RawTest2.136	name.137	depth.137	RawTest1.	RawTest2.137	name.138	depth.138	RawTest1.	RawTest2.138
0.961769	ZC123004.	187.34	0.956668	0.991285	ZC123050.	187.79	1.005368	1.050484	ZC123124.	188.54	0.954275	1.001917
0.963242	ZC123004.	187.34	0.958562	0.993761	ZC123050.	187.79	1.006171	1.04712	ZC123124.	188.54	0.956948	1.000296
0.966861	ZC123004.	187.34	0.963092	0.998498	ZC123050.	187.79	1.0087	1.040036	ZC123124.	188.54	0.961992	0.99703
0.971537	ZC123004.	187.34	0.968717	1.00278	ZC123050.	187.79	1.012364	1.032323	ZC123124.	188.54	0.966888	0.99396
0.977231	ZC123004.	187.34	0.975362	1.00628	ZC123050.	187.79	1.016847	1.024105	ZC123124.	188.54	0.971896	0.991254
0.983691	ZC123004.	187.34	0.98267	1.008763	ZC123050.	187.79	1.021585	1.015789	ZC123124.	188.54	0.977213	0.988981
0.990493	ZC123004.	187.34	0.990041	1.010164	ZC123050.	187.79	1.025899	1.008026	ZC123124.	188.54	0.982873	0.987027
0.997122	ZC123004.	187.34	0.996769	1.01059	ZC123050.	187.79	1.029128	1.001569	ZC123124.	188.54	0.988704	0.985117
1.00307	ZC123004.	187.34	1.002194	1.010249	ZC123050.	187.79	1.030763	0.997055	ZC123124.	188.54	0.994346	0.982946
1.007936	ZC123004.	187.34	1.005905	1.009361	ZC123050.	187.79	1.030545	0.994737	ZC123124.	188.54	0.999316	0.980335
1.011463	ZC123004.	187.34	1.007896	1.008123	ZC123050.	187.79	1.028511	0.994298	ZC123124.	188.54	1.003122	0.977348
1.013558	ZC123004.	187.34	1.008615	1.00674	ZC123050.	187.79	1.024975	0.99484	ZC123124.	188.54	1.005385	0.974294
1.014246	ZC123004.	187.34	1.008903	1.005489	ZC123050.	187.79	1.020479	0.995099	ZC123124.	188.54	1.005937	0.971597
1.013585	ZC123004.	187.34	1.009765	1.004713	ZC123050.	187.79	1.01571	0.993888	ZC123124.	188.54	1.004844	0.969616
1.01153	ZC123004.	187.34	1.012005	1.004708	ZC123050.	187.79	1.011376	0.990564	ZC123124.	188.54	1.002345	0.968493
1.00801	ZC123004.	187.34	1.015856	1.005547	ZC123050.	187.79	1.008042	0.985322	ZC123124.	188.54	0.998781	0.968135
1.003028	ZC123004.	187.34	1.020748	1.006956	ZC123050.	187.79	1.005946	0.979128	ZC123124.	188.54	0.994526	0.968312
0.996888	ZC123004.	187.34	1.025349	1.008305	ZC123050.	187.79	1.004821	0.973347	ZC123124.	188.54	0.99	0.968813
0.990329	ZC123004.	187.34	1.027963	1.008825	ZC123050.	187.79	1.003888	0.969149	ZC123124.	188.54	0.985679	0.969543
0.98445	ZC123004.	187.34	1.027181	1.007901	ZC123050.	187.79	1.002111	0.967026	ZC123124.	188.54	0.982046	0.970498
0.980398	ZC123004.	187.34	1.022496	1.005323	ZC123050.	187.79	0.998618	0.966615	ZC123124.	188.54	0.979458	0.97167
0.97891	ZC123004.	187.34	1.014662	1.001378	ZC123050.	187.79	0.99314	0.966914	ZC123124.	188.54	0.977963	0.972975
0.979861	ZC123004.	187.34	1.00552	0.996743	ZC123050.	187.79	0.98617	0.966777	ZC123124.	188.54	0.977222	0.974251
0.982325	ZC123004.	187.34	0.99734	0.992203	ZC123050.	187.79	0.9787	0.965428	ZC123124.	188.54	0.976613	0.975304
0.984789	ZC123004.	187.34	0.991976	0.988413	ZC123050.	187.79	0.971682	0.962702	ZC123124.	188.54	0.97549	0.975937
0.985805	ZC123004.	187.34	0.990232	0.985756	ZC123050.	187.79	0.965566	0.958941	ZC123124.	188.54	0.973422	0.97591
0.984502	ZC123004.	187.34	0.991699	0.984377	ZC123050.	187.79	0.960196	0.954624	ZC123124.	188.54	0.970329	0.974877
0.980728	ZC123004.	187.34	0.995144	0.984269	ZC123050.	187.79	0.955124	0.949998	ZC123124.	188.54	0.966443	0.972437
0.975017	ZC123004.	187.34	0.999194	0.985352	ZC123050.	187.79	0.950036	0.944929	ZC123124.	188.54	0.96214	0.968367
0.968261	ZC123004.	187.34	1.002895	0.98745	ZC123050.	187.79	0.944958	0.939072	ZC123124.	188.54	0.957739	0.962871
0.961327	ZC123004.	187.34	1.005872	0.990232	ZC123050.	187.79	0.940116	0.932222	ZC123124.	188.54	0.953378	0.956648
0.954802	ZC123004.	187.34	1.008072	0.993202	ZC123050.	187.79	0.935594	0.924602	ZC123124.	188.54	0.949037	0.950712
0.9489	ZC123004.	187.34	1.009356	0.995825	ZC123050.	187.79	0.931134	0.916934	ZC123124.	188.54	0.944663	0.945964
0.943487	ZC123004.	187.34	1.009314	0.997711	ZC123050.	187.79	0.926242	0.910185	ZC123124.	188.54	0.940247	0.942759
0.938183	ZC123004.	187.34	1.007454	0.998776	ZC123050.	187.79	0.920484	0.905146	ZC123124.	188.54	0.935806	0.940723
0.932535	ZC123004.	187.34	1.003636	0.999273	ZC123050.	187.79	0.913758	0.902013	ZC123124.	188.54	0.931281	0.938945
0.926185	ZC123004.	187.34	0.998409	0.999658	ZC123050.	187.79	0.906344	0.900207	ZC123124.	188.54	0.926415	0.936432
0.919028	ZC123004.	187.34	0.992986	1.000367	ZC123050.	187.79	0.898719	0.898503	ZC123124.	188.54	0.920747	0.932525
0.911275	ZC123004.	187.34	0.988758	1.001616	ZC123050.	187.79	0.8913	0.895515	ZC123124.	188.54	0.91378	0.927086
0.903307	ZC123004.	187.34	0.986673	1.003272	ZC123050.	187.79	0.884267	0.89019	ZC123124.	188.54	0.905197	0.920399
0.895428	ZC123004.	187.34	0.986711	1.004835	ZC123050.	187.79	0.87753	0.882197	ZC123124.	188.54	0.895047	0.912877
0.887634	ZC123004.	187.34	0.987862	1.00555	ZC123050.	187.79	0.870805	0.871927	ZC123124.	188.54	0.883737	0.904768
0.879574	ZC123004.	187.34	0.98859	1.004666	ZC123050.	187.79	0.863709	0.860202	ZC123124.	188.54	0.871892	0.896009
0.87074	ZC123004.	187.34	0.98752	1.001645	ZC123050.	187.79	0.855877	0.847845	ZC123124.	188.54	0.86014	0.886262
0.860767	ZC123004.	187.34	0.98404	0.996417	ZC123050.	187.79	0.847088	0.83535	ZC123124.	188.54	0.848934	0.875139
0.849673	ZC123004.	187.34	0.978501	0.989425	ZC123050.	187.79	0.837349	0.822878	ZC123124.	188.54	0.838484	0.862512
0.837884	ZC123004.	187.34	0.971945	0.981549	ZC123050.	187.79	0.826908	0.810504	ZC123124.	188.54	0.828791	0.848723
0.82603	ZC123004.	187.34	0.965596	0.973876	ZC123050.	187.79	0.816148	0.798477	ZC123124.	188.54	0.819732	0.834562
0.814682	ZC123004.	187.34	0.960405	0.967413	ZC123050.	187.79	0.805417	0.787289	ZC123124.	188.54	0.811147	0.820991
0.804138	ZC123004.	187.34	0.956799	0.962839	ZC123050.	187.79	0.794902	0.777463	ZC123124.	188.54	0.802902	0.808726
0.794373	ZC123004.	187.34	0.954723	0.960374	ZC123050.	187.79	0.784675	0.769213	ZC123124.	188.54	0.794929	0.797939
0.785109	ZC123004.	187.34	0.95383	0.959778	ZC123050.	187.79	0.774831	0.762263	ZC123124.	188.54	0.787224	0.788259
0.775981	ZC123004.	187.34	0.953698	0.960469	ZC123050.	187.79	0.765609	0.755961	ZC123124.	188.54	0.777978	0.779062
0.766708	ZC123004.	187.34	0.953966	0.961732	ZC123050.	187.79	0.757368	0.749653	ZC123124.	188.54	0.772482	0.769841
0.757183	ZC123004.	187.34	0.954385	0.962882	ZC123050.	187.79	0.750384	0.743045	ZC123124.	188.54	0.765104	0.760429
0.747495	ZC123004.	187.34	0.954805	0.963375	ZC123050.	187.79	0.74465	0.736329	ZC123124.	188.54	0.757442	0.750994
0.737878	ZC123004.	187.34	0.955135	0.962865	ZC123050.	187.79	0.739765	0.729997	ZC123124.	188.54	0.749516	0.741841
0.728641	ZC123004.	187.34	0.955323	0.961187	ZC123050.	187.79	0.735037	0.724467	ZC123124.	188.54	0.741624	0.733155
0.720079	ZC123004.	187.34	0.955309	0.958358	ZC123050.	187.79	0.729749	0.719771	ZC123124.	188.54	0.734165	0.724864
0.712312	ZC123004.	187.34	0.954947	0.95458	ZC123050.	187.79	0.723468	0.715526	ZC123124.	188.54	0.727285	0.716676
0.705178	ZC123004.	187.34	0.953962	0.950256	ZC123050.	187.79	0.716257	0.711167	ZC123124.	188.54	0.72059	0.708255
0.698236	ZC123004.	187.34	0.952012	0.945973	ZC123050.	187.79	0.708673	0.706296	ZC123124.	188.54	0.713171	0.699403
0.690927	ZC123004.	187.34	0.948865	0.94238	ZC123050.	187.79	0.701498	0.700904	ZC123124.	188.54	0.703994	0.690164
0.682808	ZC123004.	187.34	0.944583	0.939959	ZC123050.	187.79	0.695358	0.695319	ZC123124.	188.54	0.692459	0.680778
0.673788	ZC123004.	187.34	0.939569	0.938779	ZC123050.	187.79	0.690434	0.689933	ZC123124.	188.54	0.678795	0.671516
0.664208	ZC123004.	187.34	0.934439	0.938418	ZC123050.	187.79	0.686404	0.68494	ZC123124.	188.54	0.664064	0.662534
0.654721	ZC123004.	187.34	0.929763	0.938136	ZC123050.	187.79	0.682648	0.680246	ZC123124.	188.54	0.649806	0.653813
0.646021	ZC123004.	187.34	0.925846	0.937233	ZC123050.	187.79	0.678591	0.675575	ZC123124.	188.54	0.637486	0.645256
0.638558	ZC123004.	187.34	0.922657	0.935388	ZC123050.	187.79	0.673924	0.670632	ZC123124.	188.54	0.628012	0.636865
0.632392	ZC123004.	187.34	0.919924	0.932738	ZC123050.	187.79	0.668646	0.66519	ZC123124.	188.54	0.621511	0.628855
0.627224	ZC123004.	187.34	0.917349	0.929678	ZC123050.	187.79	0.662604	0.659054	ZC123124.	188.54	0.61737	0.62162
0.622564	ZC123004.	187.34	0.914782	0.926527	ZC123050.	187.79	0.656711	0.652047	ZC123124.	188.54	0.614515	0.615601
0.617923	ZC123004.	187.34	0.912301	0.92333	ZC123050.	187.79	0.649654	0.644165	ZC123124.	188.54	0.611811	0.611172
0.612972	ZC123004.	187.34	0.910151	0.919971	ZC123050.	187.79	0.646076	0.63584	ZC123124.	188.54	0.608446	0.608684
0.607616	ZC123004.	187.34	0.908627	0.916523	Z							

name.139	depth.139	RawTest1.	RawTest2.139	name.140	depth.140	RawTest1.	RawTest2.140	name.141	depth.141	RawTest1.	RawTest2.141	name.142	depth.142
ZC124064.	189.44	0.986683	1.006817	ZC124124.	190.04	0.991432	1.019652	ZC125064.	190.94	0.982345	0.980239	ZC125124.	191.54
ZC124064.	189.44	0.987464	1.00499	ZC124124.	190.04	0.989852	1.01862	ZC125064.	190.94	0.982378	0.979101	ZC125124.	191.54
ZC124064.	189.44	0.98892	1.002111	ZC124124.	190.04	0.986968	1.0163	ZC125064.	190.94	0.983262	0.976536	ZC125124.	191.54
ZC124064.	189.44	0.990357	1.000353	ZC124124.	190.04	0.984666	1.013599	ZC125064.	190.94	0.985098	0.973758	ZC125124.	191.54
ZC124064.	189.44	0.991929	0.999758	ZC124124.	190.04	0.983279	1.010583	ZC125064.	190.94	0.987486	0.971178	ZC125124.	191.54
ZC124064.	189.44	0.993763	1.000064	ZC124124.	190.04	0.983096	1.007393	ZC125064.	190.94	0.989858	0.969375	ZC125124.	191.54
ZC124064.	189.44	0.995876	1.000731	ZC124124.	190.04	0.984245	1.004201	ZC125064.	190.94	0.991695	0.968984	ZC125124.	191.54
ZC124064.	189.44	0.998122	1.001041	ZC124124.	190.04	0.986606	1.001158	ZC125064.	190.94	0.992758	0.970515	ZC125124.	191.54
ZC124064.	189.44	1.000205	1.000372	ZC124124.	190.04	0.989809	0.998357	ZC125064.	190.94	0.993162	0.974184	ZC125124.	191.54
ZC124064.	189.44	1.001781	0.998487	ZC124124.	190.04	0.993324	0.995826	ZC125064.	190.94	0.993293	0.979779	ZC125124.	191.54
ZC124064.	189.44	1.002573	0.995709	ZC124124.	190.04	0.996652	0.993526	ZC125064.	190.94	0.993559	0.986606	ZC125124.	191.54
ZC124064.	189.44	1.002476	0.992878	ZC124124.	190.04	0.999478	0.991405	ZC125064.	190.94	0.994143	0.993579	ZC125124.	191.54
ZC124064.	189.44	1.00157	0.991064	ZC124124.	190.04	1.001729	0.989488	ZC125064.	190.94	0.994882	0.999486	ZC125124.	191.54
ZC124064.	189.44	1.000072	0.99116	ZC124124.	190.04	1.003477	0.987949	ZC125064.	190.94	0.995372	1.003302	ZC125124.	191.54
ZC124064.	189.44	0.998269	0.993485	ZC124124.	190.04	1.004776	0.987115	ZC125064.	190.94	0.995238	1.004467	ZC125124.	191.54
ZC124064.	189.44	0.996484	0.997651	ZC124124.	190.04	1.005549	0.987311	ZC125064.	190.94	0.994412	1.003074	ZC125124.	191.54
ZC124064.	189.44	0.99504	1.002706	ZC124124.	190.04	1.005612	0.988616	ZC125064.	190.94	0.993219	0.999592	ZC125124.	191.54
ZC124064.	189.44	0.994241	1.007472	ZC124124.	190.04	1.004816	0.990661	ZC125064.	190.94	0.992253	0.99478	ZC125124.	191.54
ZC124064.	189.44	0.994284	1.010931	ZC124124.	190.04	1.003147	0.992643	ZC125064.	190.94	0.99203	0.989422	ZC125124.	191.54
ZC124064.	189.44	0.99518	1.012473	ZC124124.	190.04	1.000706	0.993591	ZC125064.	190.94	0.992664	0.984307	ZC125124.	191.54
ZC124064.	189.44	0.996737	1.011945	ZC124124.	190.04	0.997565	0.992754	ZC125064.	190.94	0.99375	0.980315	ZC125124.	191.54
ZC124064.	189.44	0.998666	1.009589	ZC124124.	190.04	0.993633	0.989863	ZC125064.	190.94	0.994562	0.978374	ZC125124.	191.54
ZC124064.	189.44	1.000747	1.005929	ZC124124.	190.04	0.988676	0.985137	ZC125064.	190.94	0.994497	0.979231	ZC125124.	191.54
ZC124064.	189.44	1.002899	1.00168	ZC124124.	190.04	0.982496	0.979043	ZC125064.	190.94	0.993468	0.983072	ZC125124.	191.54
ZC124064.	189.44	1.005055	0.997648	ZC124124.	190.04	0.975172	0.972044	ZC125064.	190.94	0.99198	0.989257	ZC125124.	191.54
ZC124064.	189.44	1.006995	0.994594	ZC124124.	190.04	0.967185	0.964472	ZC125064.	190.94	0.990855	0.996394	ZC125124.	191.54
ZC124064.	189.44	1.008327	0.992999	ZC124124.	190.04	0.959362	0.956583	ZC125064.	190.94	0.990749	1.00276	ZC125124.	191.54
ZC124064.	189.44	1.008711	0.992902	ZC124124.	190.04	0.952621	0.948669	ZC125064.	190.94	0.991781	1.006938	ZC125124.	191.54
ZC124064.	189.44	1.00819	0.993895	ZC124124.	190.04	0.947635	0.941095	ZC125064.	190.94	0.993517	1.00829	ZC125124.	191.54
ZC124064.	189.44	1.007382	0.995294	ZC124124.	190.04	0.944544	0.934216	ZC125064.	190.94	0.99524	1.007134	ZC125124.	191.54
ZC124064.	189.44	1.007288	0.996407	ZC124124.	190.04	0.94283	0.928214	ZC125064.	190.94	0.996291	1.004402	ZC125124.	191.54
ZC124064.	189.44	1.008727	0.996788	ZC124124.	190.04	0.941403	0.922987	ZC125064.	190.94	0.996251	1.001223	ZC125124.	191.54
ZC124064.	189.44	1.011762	0.996442	ZC124124.	190.04	0.938888	0.918192	ZC125064.	190.94	0.99498	0.998511	ZC125124.	191.54
ZC124064.	189.44	1.015519	0.995694	ZC124124.	190.04	0.934022	0.91334	ZC125064.	190.94	0.992561	0.996825	ZC125124.	191.54
ZC124064.	189.44	1.018546	0.995092	ZC124124.	190.04	0.926053	0.907939	ZC125064.	190.94	0.989307	0.996401	ZC125124.	191.54
ZC124064.	189.44	1.019543	0.99509	ZC124124.	190.04	0.915016	0.901577	ZC125064.	190.94	0.98583	0.99724	ZC125124.	191.54
ZC124064.	189.44	1.017977	0.995855	ZC124124.	190.04	0.9017	0.893975	ZC125064.	190.94	0.98303	0.999173	ZC125124.	191.54
ZC124064.	189.44	1.014245	0.997222	ZC124124.	190.04	0.887334	0.885025	ZC125064.	190.94	0.981911	1.001835	ZC125124.	191.54
ZC124064.	189.44	1.009372	0.998774	ZC124124.	190.04	0.87314	0.874805	ZC125064.	190.94	0.983178	1.004644	ZC125124.	191.54
ZC124064.	189.44	1.004464	0.999982	ZC124124.	190.04	0.859964	0.863551	ZC125064.	190.94	0.986844	1.006844	ZC125124.	191.54
ZC124064.	189.44	1.000268	1.000348	ZC124124.	190.04	0.848098	0.851553	ZC125064.	190.94	0.992023	1.007613	ZC125124.	191.54
ZC124064.	189.44	0.996979	0.999503	ZC124124.	190.04	0.837376	0.839062	ZC125064.	190.94	0.997148	1.006263	ZC125124.	191.54
ZC124064.	189.44	0.994289	0.997256	ZC124124.	190.04	0.827389	0.826291	ZC125064.	190.94	1.000483	1.002461	ZC125124.	191.54
ZC124064.	189.44	0.991569	0.993627	ZC124124.	190.04	0.817695	0.813458	ZC125064.	190.94	1.0007	0.996441	ZC125124.	191.54
ZC124064.	189.44	0.988123	0.988849	ZC124124.	190.04	0.807922	0.800847	ZC125064.	190.94	0.997288	0.989015	ZC125124.	191.54
ZC124064.	189.44	0.983493	0.983314	ZC124124.	190.04	0.797793	0.788791	ZC125064.	190.94	0.990672	0.981315	ZC125124.	191.54
ZC124064.	189.44	0.977694	0.977473	ZC124124.	190.04	0.787141	0.777549	ZC125064.	190.94	0.982011	0.974336	ZC125124.	191.54
ZC124064.	189.44	0.971284	0.971742	ZC124124.	190.04	0.775924	0.767132	ZC125064.	190.94	0.972788	0.968578	ZC125124.	191.54
ZC124064.	189.44	0.965209	0.966459	ZC124124.	190.04	0.764239	0.757249	ZC125064.	190.94	0.964351	0.963928	ZC125124.	191.54
ZC124064.	189.44	0.960448	0.961889	ZC124124.	190.04	0.752319	0.747441	ZC125064.	190.94	0.957571	0.959894	ZC125124.	191.54
ZC124064.	189.44	0.957609	0.95826	ZC124124.	190.04	0.740452	0.737314	ZC125064.	190.94	0.952731	0.956023	ZC125124.	191.54
ZC124064.	189.44	0.9567	0.955751	ZC124124.	190.04	0.728868	0.726735	ZC125064.	190.94	0.949658	0.952205	ZC125124.	191.54
ZC124064.	189.44	0.957146	0.954427	ZC124124.	190.04	0.717607	0.715872	ZC125064.	190.94	0.947963	0.948678	ZC125124.	191.54
ZC124064.	189.44	0.958074	0.954124	ZC124124.	190.04	0.706504	0.70508	ZC125064.	190.94	0.947285	0.945766	ZC125124.	191.54
ZC124064.	189.44	0.95864	0.954409	ZC124124.	190.04	0.695343	0.694714	ZC125064.	190.94	0.947394	0.943554	ZC125124.	191.54
ZC124064.	189.44	0.958288	0.954652	ZC124124.	190.04	0.684103	0.684983	ZC125064.	190.94	0.948152	0.941782	ZC125124.	191.54
ZC124064.	189.44	0.95683	0.954261	ZC124124.	190.04	0.673106	0.675891	ZC125064.	190.94	0.949413	0.940024	ZC125124.	191.54
ZC124064.	189.44	0.954415	0.952914	ZC124124.	190.04	0.662916	0.667265	ZC125064.	190.94	0.950907	0.937975	ZC125124.	191.54
ZC124064.	189.44	0.951417	0.950675	ZC124124.	190.04	0.654007	0.658856	ZC125064.	190.94	0.952178	0.935616	ZC125124.	191.54
ZC124064.	189.44	0.948334	0.947895	ZC124124.	190.04	0.646428	0.650447	ZC125064.	190.94	0.952618	0.933166	ZC125124.	191.54
ZC124064.	189.44	0.945658	0.945027	ZC124124.	190.04	0.63968	0.641926	ZC125064.	190.94	0.95161	0.930898	ZC125124.	191.54
ZC124064.	189.44	0.943753	0.942442	ZC124124.	190.04	0.632891	0.633319	ZC125064.	190.94	0.948763	0.928995	ZC125124.	191.54
ZC124064.	189.44	0.942722	0.940362	ZC124124.	190.04	0.625258	0.624762	ZC125064.	190.94	0.944411	0.92751	ZC125124.	191.54
ZC124064.	189.44	0.94235	0.938865	ZC124124.	190.04	0.616448	0.616411	ZC125064.	190.94	0.938324	0.926415	ZC125124.	191.54
ZC124064.	189.44	0.942161	0.937919	ZC124124.	190.04	0.606725	0.608377	ZC125064.	190.94	0.932274	0.925633	ZC125124.	191.54
ZC124064.	189.44	0.941595	0.937404	ZC124124.	190.04	0.59678	0.600706	ZC125064.	190.94	0.927006	0.925033	ZC125124.	191.54
ZC124064.	189.44	0.940255	0.9371	ZC124124.	190.04	0.587394	0.59342	ZC125064.	190.94	0.923228	0.924423	ZC125124.	191.54
ZC124064.	189.44	0.938109	0.936721	ZC124124.	190.04	0.579134	0.586541	ZC125064.	190.94	0.921083	0.923615	ZC125124.	191.54
ZC124064.	189.44	0.935518	0.93599	ZC124124.	190.04	0.572221	0.580101	ZC125064.	190.94	0.920126	0.922516	ZC125124.	191.54
ZC124064.	189.44	0.93304	0.934756	ZC124124.	190.04	0.566598	0.574117	ZC125064.	190.94	0.919515	0.921193	ZC125124.	191.54
ZC1													

RawTest1. RawTest2.142	name.143	depth.143	RawTest1. RawTest2.143	name.144	depth.144	RawTest1. RawTest2.144	name.145	depth.145	RawTest1. RawTest2.145
0.991205 0.988686	ZC52064.T	119.07	0.975395 1.010867	ZC52124.T	119.67	0.988722 1.011231	ZC63004.T	126.49	0.971411 1.01648
0.99327 0.990841	ZC52064.T	119.07	0.976675 1.008454	ZC52124.T	119.67	0.989087 1.012375	ZC63004.T	126.49	0.973094 1.015889
0.997131 0.994112	ZC52064.T	119.07	0.979983 1.003317	ZC52124.T	119.67	0.990408 1.013813	ZC63004.T	126.49	0.976762 1.014655
1.000431 0.99592	ZC52064.T	119.07	0.983978 0.997977	ZC52124.T	119.67	0.992466 1.013983	ZC63004.T	126.49	0.980597 1.013461
1.002865 0.996387	ZC52064.T	119.07	0.988034 0.992876	ZC52124.T	119.67	0.99503 1.012829	ZC63004.T	126.49	0.984146 1.012405
1.004243 0.995826	ZC52064.T	119.07	0.991321 0.988531	ZC52124.T	119.67	0.997641 1.010516	ZC63004.T	126.49	0.986848 1.011465
1.004582 0.994673	ZC52064.T	119.07	0.99306 0.985379	ZC52124.T	119.67	0.99968 1.007394	ZC63004.T	126.49	0.988208 1.010453
1.004109 0.993423	ZC52064.T	119.07	0.992777 0.983625	ZC52124.T	119.67	1.000516 1.003895	ZC63004.T	126.49	0.987976 1.009059
1.003164 0.992572	ZC52064.T	119.07	0.990489 0.983151	ZC52124.T	119.67	0.999672 1.000423	ZC63004.T	126.49	0.986262 1.006947
1.002046 0.992556	ZC52064.T	119.07	0.98671 0.983524	ZC52124.T	119.67	0.996983 0.997235	ZC63004.T	126.49	0.983489 1.003897
1.000882 0.993647	ZC52064.T	119.07	0.982261 0.98408	ZC52124.T	119.67	0.992656 0.994389	ZC63004.T	126.49	0.980231 0.9999
0.9996 0.995883	ZC52064.T	119.07	0.977964 0.984089	ZC52124.T	119.67	0.987203 0.991758	ZC63004.T	126.49	0.976987 0.995175
0.998026 0.999027	ZC52064.T	119.07	0.974315 0.982922	ZC52124.T	119.67	0.9813 0.989095	ZC63004.T	126.49	0.974012 0.990083
0.996039 1.002635	ZC52064.T	119.07	0.971292 0.980201	ZC52124.T	119.67	0.975612 0.986111	ZC63004.T	126.49	0.971316 0.984989
0.993655 1.0062	ZC52064.T	119.07	0.968389 0.975863	ZC52124.T	119.67	0.970647 0.982525	ZC63004.T	126.49	0.968807 0.980141
0.991009 1.009308	ZC52064.T	119.07	0.964932 0.970114	ZC52124.T	119.67	0.966696 0.978106	ZC63004.T	126.49	0.966478 0.975638
0.988275 1.011735	ZC52064.T	119.07	0.960472 0.963349	ZC52124.T	119.67	0.963835 0.972711	ZC63004.T	126.49	0.964496 0.971507
0.985569 1.01344	ZC52064.T	119.07	0.955079 0.956092	ZC52124.T	119.67	0.961943 0.966338	ZC63004.T	126.49	0.963139 0.967813
0.982963 1.014488	ZC52064.T	119.07	0.949362 0.948939	ZC52124.T	119.67	0.960758 0.95918	ZC63004.T	126.49	0.962607 0.964731
0.980543 1.014959	ZC52064.T	119.07	0.944147 0.942534	ZC52124.T	119.67	0.95992 0.951627	ZC63004.T	126.49	0.962853 0.962487
0.978514 1.014906	ZC52064.T	119.07	0.940043 0.937459	ZC52124.T	119.67	0.95903 0.944226	ZC63004.T	126.49	0.963555 0.961208
0.977253 1.014374	ZC52064.T	119.07	0.937127 0.934073	ZC52124.T	119.67	0.957726 0.937584	ZC63004.T	126.49	0.964234 0.960789
0.977269 1.013453	ZC52064.T	119.07	0.934919 0.932325	ZC52124.T	119.67	0.955726 0.932169	ZC63004.T	126.49	0.964417 0.960849
0.979026 1.012265	ZC52064.T	119.07	0.932676 0.931669	ZC52124.T	119.67	0.952845 0.928118	ZC63004.T	126.49	0.963756 0.960844
0.982709 1.010875	ZC52064.T	119.07	0.929768 0.931126	ZC52124.T	119.67	0.948953 0.925131	ZC63004.T	126.49	0.962035 0.960229
0.988065 1.009176	ZC52064.T	119.07	0.92595 0.929547	ZC52124.T	119.67	0.943935 0.922563	ZC63004.T	126.49	0.959149 0.958636
0.994413 1.006854	ZC52064.T	119.07	0.921365 0.925928	ZC52124.T	119.67	0.937671 0.919664	ZC63004.T	126.49	0.955101 0.955936
1.000851 1.003528	ZC52064.T	119.07	0.916354 0.919767	ZC52124.T	119.67	0.930111 0.91587	ZC63004.T	126.49	0.950043 0.952208
1.006516 0.999071	ZC52064.T	119.07	0.911212 0.911234	ZC52124.T	119.67	0.921406 0.911013	ZC63004.T	126.49	0.944299 0.947649
1.010787 0.993934	ZC52064.T	119.07	0.905989 0.901099	ZC52124.T	119.67	0.912013 0.905336	ZC63004.T	126.49	0.938288 0.942458
1.01333 0.989213	ZC52064.T	119.07	0.900429 0.890414	ZC52124.T	119.67	0.902679 0.899353	ZC63004.T	126.49	0.932377 0.936769
1.014014 0.986325	ZC52064.T	119.07	0.894059 0.88009	ZC52124.T	119.67	0.894206 0.893616	ZC63004.T	126.49	0.926743 0.930619
1.012821 0.986384	ZC52064.T	119.07	0.886382 0.870605	ZC52124.T	119.67	0.88712 0.888507	ZC63004.T	126.49	0.92133 0.923985
1.009899 0.989607	ZC52064.T	119.07	0.877147 0.861965	ZC52124.T	119.67	0.881428 0.884115	ZC63004.T	126.49	0.915933 0.916838
1.005742 0.99512	ZC52064.T	119.07	0.866578 0.853902	ZC52124.T	119.67	0.876604 0.880211	ZC63004.T	126.49	0.910388 0.9092
1.001306 1.00127	ZC52064.T	119.07	0.855428 0.846186	ZC52124.T	119.67	0.871823 0.876328	ZC63004.T	126.49	0.904696 0.901197
0.997833 1.006316	ZC52064.T	119.07	0.844785 0.838837	ZC52124.T	119.67	0.866331 0.871924	ZC63004.T	126.49	0.899012 0.893068
0.996358 1.009028	ZC52064.T	119.07	0.835683 0.832119	ZC52124.T	119.67	0.859732 0.866582	ZC63004.T	126.49	0.893514 0.885114
0.99714 1.008941	ZC52064.T	119.07	0.828692 0.826288	ZC52124.T	119.67	0.852054 0.86018	ZC63004.T	126.49	0.888251 0.877596
0.99937 1.006231	ZC52064.T	119.07	0.82365 0.821287	ZC52124.T	119.67	0.84361 0.852921	ZC63004.T	126.49	0.883032 0.870605
1.001449 1.001415	ZC52064.T	119.07	0.81968 0.81659	ZC52124.T	119.67	0.834755 0.84517	ZC63004.T	126.49	0.877421 0.863972
1.001672 0.995129	ZC52064.T	119.07	0.81552 0.811308	ZC52124.T	119.67	0.825726 0.837193	ZC63004.T	126.49	0.870847 0.857278
0.999052 0.988059	ZC52064.T	119.07	0.809957 0.804488	ZC52124.T	119.67	0.816638 0.828957	ZC63004.T	126.49	0.862765 0.849999
0.993723 0.980925	ZC52064.T	119.07	0.802242 0.795479	ZC52124.T	119.67	0.807599 0.820165	ZC63004.T	126.49	0.85287 0.841723
0.986757 0.974381	ZC52064.T	119.07	0.79229 0.784194	ZC52124.T	119.67	0.79878 0.810528	ZC63004.T	126.49	0.841267 0.832333
0.979557 0.968859	ZC52064.T	119.07	0.780623 0.771156	ZC52124.T	119.67	0.790367 0.800103	ZC63004.T	126.49	0.828497 0.822086
0.973207 0.964442	ZC52064.T	119.07	0.768156 0.757359	ZC52124.T	119.67	0.782422 0.789422	ZC63004.T	126.49	0.81542 0.811515
0.968175 0.960889	ZC52064.T	119.07	0.755918 0.743998	ZC52124.T	119.67	0.774788 0.779284	ZC63004.T	126.49	0.802944 0.801209
0.964377 0.957843	ZC52064.T	119.07	0.744771 0.732138	ZC52124.T	119.67	0.767145 0.770329	ZC63004.T	126.49	0.791783 0.791583
0.961521 0.955095	ZC52064.T	119.07	0.735206 0.722404	ZC52124.T	119.67	0.759165 0.762656	ZC63004.T	126.49	0.782279 0.782787
0.959407 0.952722	ZC52064.T	119.07	0.727244 0.714847	ZC52124.T	119.67	0.750674 0.755763	ZC63004.T	126.49	0.774428 0.774776
0.957984 0.950994	ZC52064.T	119.07	0.720444 0.709014	ZC52124.T	119.67	0.741743 0.748829	ZC63004.T	126.49	0.768008 0.767427
0.957192 0.950118	ZC52064.T	119.07	0.714051 0.70416	ZC52124.T	119.67	0.732678 0.741203	ZC63004.T	126.49	0.762708 0.760626
0.9568 0.950003	ZC52064.T	119.07	0.707285 0.699523	ZC52124.T	119.67	0.723932 0.732763	ZC63004.T	126.49	0.758192 0.754251
0.956396 0.950207	ZC52064.T	119.07	0.699675 0.694541	ZC52124.T	119.67	0.715984 0.724003	ZC63004.T	126.49	0.754097 0.748114
0.955519 0.950091	ZC52064.T	119.07	0.69126 0.688972	ZC52124.T	119.67	0.7092 0.715776	ZC63004.T	126.49	0.750043 0.741957
0.953815 0.94907	ZC52064.T	119.07	0.682559 0.682919	ZC52124.T	119.67	0.703735 0.708901	ZC63004.T	126.49	0.745688 0.735568
0.951107 0.946846	ZC52064.T	119.07	0.674299 0.676724	ZC52124.T	119.67	0.699463 0.703806	ZC63004.T	126.49	0.740808 0.728929
0.947384 0.943517	ZC52064.T	119.07	0.66703 0.670787	ZC52124.T	119.67	0.695996 0.70039	ZC63004.T	126.49	0.735375 0.722301
0.942757 0.939525	ZC52064.T	119.07	0.660864 0.665371	ZC52124.T	119.67	0.692793 0.698151	ZC63004.T	126.49	0.729519 0.716129
0.93746 0.935462	ZC52064.T	119.07	0.655467 0.6605	ZC52124.T	119.67	0.689351 0.696424	ZC63004.T	126.49	0.723407 0.710802
0.931876 0.931794	ZC52064.T	119.07	0.650298 0.655978	ZC52124.T	119.67	0.68538 0.694619	ZC63004.T	126.49	0.717115 0.706405
0.926519 0.928666	ZC52064.T	119.07	0.644931 0.651516	ZC52124.T	119.67	0.680884 0.692333	ZC63004.T	126.49	0.710617 0.702652
0.921872 0.925893	ZC52064.T	119.07	0.639265 0.646877	ZC52124.T	119.67	0.676094 0.689354	ZC63004.T	126	

145	name.146	depth.146	RawTest1.	RawTest2.146	name.147	depth.147	RawTest1.	RawTest2.147	name.148	depth.148	RawTest1.	RawTest2.148	name.149
	ZC63064.T	127.09	0.95953	1.019612	ZC63121.T	127.65	0.968913	0.992679	ZC64010.T	127.96	0.987832	0.985617	ZC64114.T
	ZC63064.T	127.09	0.959401	1.01843	ZC63121.T	127.65	0.970294	0.993484	ZC64010.T	127.96	0.988897	0.988763	ZC64114.T
	ZC63064.T	127.09	0.959795	1.015855	ZC63121.T	127.65	0.973309	0.994775	ZC64010.T	127.96	0.99086	0.992905	ZC64114.T
	ZC63064.T	127.09	0.961136	1.013029	ZC63121.T	127.65	0.976523	0.995818	ZC64010.T	127.96	0.992325	0.9942	ZC64114.T
	ZC63064.T	127.09	0.963406	1.010086	ZC63121.T	127.65	0.979736	0.996775	ZC64010.T	127.96	0.992857	0.992848	ZC64114.T
	ZC63064.T	127.09	0.966437	1.007214	ZC63121.T	127.65	0.982676	0.997733	ZC64010.T	127.96	0.992009	0.989504	ZC64114.T
	ZC63064.T	127.09	0.969945	1.004592	ZC63121.T	127.65	0.985056	0.998621	ZC64010.T	127.96	0.989455	0.985209	ZC64114.T
	ZC63064.T	127.09	0.97358	1.002315	ZC63121.T	127.65	0.98664	0.999202	ZC64010.T	127.96	0.985129	0.981216	ZC64114.T
	ZC63064.T	127.09	0.977004	1.000327	ZC63121.T	127.65	0.987254	0.999148	ZC64010.T	127.96	0.979322	0.978719	ZC64114.T
	ZC63064.T	127.09	0.97997	0.998402	ZC63121.T	127.65	0.986822	0.998156	ZC64010.T	127.96	0.972696	0.978492	ZC64114.T
	ZC63064.T	127.09	0.982336	0.996182	ZC63121.T	127.65	0.985291	0.99609	ZC64010.T	127.96	0.966187	0.980616	ZC64114.T
	ZC63064.T	127.09	0.984011	0.99328	ZC63121.T	127.65	0.982738	0.993079	ZC64010.T	127.96	0.960855	0.984383	ZC64114.T
	ZC63064.T	127.09	0.984846	0.989419	ZC63121.T	127.65	0.979406	0.989522	ZC64010.T	127.96	0.957623	0.988454	ZC64114.T
	ZC63064.T	127.09	0.984577	0.984592	ZC63121.T	127.65	0.975788	0.986043	ZC64010.T	127.96	0.956991	0.991283	ZC64114.T
	ZC63064.T	127.09	0.982895	0.97914	ZC63121.T	127.65	0.972594	0.983364	ZC64010.T	127.96	0.958807	0.991654	ZC64114.T
	ZC63064.T	127.09	0.979662	0.973704	ZC63121.T	127.65	0.970545	0.982084	ZC64010.T	127.96	0.962228	0.989083	ZC64114.T
	ZC63064.T	127.09	0.975144	0.96903	ZC63121.T	127.65	0.970042	0.982437	ZC64010.T	127.96	0.96593	0.983939	ZC64114.T
	ZC63064.T	127.09	0.970065	0.96572	ZC63121.T	127.65	0.970904	0.984028	ZC64010.T	127.96	0.968517	0.977227	ZC64114.T
	ZC63064.T	127.09	0.965365	0.963999	ZC63121.T	127.65	0.972321	0.985754	ZC64010.T	127.96	0.968956	0.970151	ZC64114.T
	ZC63064.T	127.09	0.961765	0.963636	ZC63121.T	127.65	0.973163	0.986045	ZC64010.T	127.96	0.966847	0.963647	ZC64114.T
	ZC63064.T	127.09	0.959404	0.964029	ZC63121.T	127.65	0.97249	0.983453	ZC64010.T	127.96	0.962442	0.958136	ZC64114.T
	ZC63064.T	127.09	0.957793	0.964405	ZC63121.T	127.65	0.970025	0.97734	ZC64010.T	127.96	0.956464	0.953507	ZC64114.T
	ZC63064.T	127.09	0.956133	0.964067	ZC63121.T	127.65	0.966291	0.968304	ZC64010.T	127.96	0.949841	0.949355	ZC64114.T
	ZC63064.T	127.09	0.953792	0.962588	ZC63121.T	127.65	0.962293	0.958003	ZC64010.T	127.96	0.943464	0.945296	ZC64114.T
	ZC63064.T	127.09	0.950641	0.959879	ZC63121.T	127.65	0.958859	0.948418	ZC64010.T	127.96	0.938004	0.941142	ZC64114.T
	ZC63064.T	127.09	0.947042	0.95612	ZC63121.T	127.65	0.956083	0.940977	ZC64010.T	127.96	0.933724	0.936856	ZC64114.T
	ZC63064.T	127.09	0.943551	0.951613	ZC63121.T	127.65	0.953172	0.93597	ZC64010.T	127.96	0.930354	0.932352	ZC64114.T
	ZC63064.T	127.09	0.940543	0.94662	ZC63121.T	127.65	0.948868	0.932622	ZC64010.T	127.96	0.927149	0.927383	ZC64114.T
	ZC63064.T	127.09	0.938003	0.941289	ZC63121.T	127.65	0.942173	0.929698	ZC64010.T	127.96	0.923202	0.921611	ZC64114.T
	ZC63064.T	127.09	0.935577	0.935677	ZC63121.T	127.65	0.932947	0.926186	ZC64010.T	127.96	0.917862	0.914877	ZC64114.T
	ZC63064.T	127.09	0.932781	0.929843	ZC63121.T	127.65	0.922045	0.921645	ZC64010.T	127.96	0.911123	0.907483	ZC64114.T
	ZC63064.T	127.09	0.9292	0.923891	ZC63121.T	127.65	0.910888	0.916154	ZC64010.T	127.96	0.903713	0.900208	ZC64114.T
	ZC63064.T	127.09	0.924635	0.917944	ZC63121.T	127.65	0.900685	0.910029	ZC64010.T	127.96	0.896749	0.89399	ZC64114.T
	ZC63064.T	127.09	0.919143	0.912068	ZC63121.T	127.65	0.89184	0.903591	ZC64010.T	127.96	0.891182	0.889414	ZC64114.T
	ZC63064.T	127.09	0.913037	0.906222	ZC63121.T	127.65	0.883894	0.897082	ZC64010.T	127.96	0.887336	0.886383	ZC64114.T
	ZC63064.T	127.09	0.906814	0.900303	ZC63121.T	127.65	0.875967	0.89065	ZC64010.T	127.96	0.884812	0.884149	ZC64114.T
	ZC63064.T	127.09	0.901009	0.894247	ZC63121.T	127.65	0.867399	0.884293	ZC64010.T	127.96	0.882776	0.881747	ZC64114.T
	ZC63064.T	127.09	0.895981	0.888047	ZC63121.T	127.65	0.858169	0.877761	ZC64010.T	127.96	0.880427	0.878503	ZC64114.T
	ZC63064.T	127.09	0.891724	0.881691	ZC63121.T	127.65	0.848817	0.870481	ZC64010.T	127.96	0.877319	0.874373	ZC64114.T
	ZC63064.T	127.09	0.887815	0.875059	ZC63121.T	127.65	0.839963	0.861666	ZC64010.T	127.96	0.873379	0.869816	ZC64114.T
	ZC63064.T	127.09	0.883547	0.867904	ZC63121.T	127.65	0.831791	0.850628	ZC64010.T	127.96	0.86867	0.865332	ZC64114.T
	ZC63064.T	127.09	0.878191	0.859956	ZC63121.T	127.65	0.823828	0.837143	ZC64010.T	127.96	0.863116	0.861022	ZC64114.T
	ZC63064.T	127.09	0.871246	0.851093	ZC63121.T	127.65	0.815199	0.821661	ZC64010.T	127.96	0.856412	0.856435	ZC64114.T
	ZC63064.T	127.09	0.862603	0.841442	ZC63121.T	127.65	0.805121	0.80526	ZC64010.T	127.96	0.848416	0.850812	ZC64114.T
	ZC63064.T	127.09	0.852567	0.831322	ZC63121.T	127.65	0.79334	0.789339	ZC64010.T	127.96	0.838167	0.843564	ZC64114.T
	ZC63064.T	127.09	0.841702	0.821096	ZC63121.T	127.65	0.780254	0.775211	ZC64010.T	127.96	0.826689	0.834663	ZC64114.T
	ZC63064.T	127.09	0.830625	0.811078	ZC63121.T	127.65	0.766674	0.763702	ZC64010.T	127.96	0.814488	0.824693	ZC64114.T
	ZC63064.T	127.09	0.819808	0.801555	ZC63121.T	127.65	0.753442	0.754918	ZC64010.T	127.96	0.802642	0.814557	ZC64114.T
	ZC63064.T	127.09	0.809486	0.792873	ZC63121.T	127.65	0.741119	0.748266	ZC64010.T	127.96	0.792154	0.80504	ZC64114.T
	ZC63064.T	127.09	0.799671	0.785421	ZC63121.T	127.65	0.729885	0.74271	ZC64010.T	127.96	0.783556	0.796505	ZC64114.T
	ZC63064.T	127.09	0.790232	0.779446	ZC63121.T	127.65	0.719663	0.737101	ZC64010.T	127.96	0.776735	0.788869	ZC64114.T
	ZC63064.T	127.09	0.781021	0.774798	ZC63121.T	127.65	0.710281	0.73053	ZC64010.T	127.96	0.771069	0.781773	ZC64114.T
	ZC63064.T	127.09	0.771973	0.770845	ZC63121.T	127.65	0.701532	0.722546	ZC64010.T	127.96	0.765768	0.774804	ZC64114.T
	ZC63064.T	127.09	0.763182	0.766688	ZC63121.T	127.65	0.693158	0.713316	ZC64010.T	127.96	0.760264	0.767602	ZC64114.T
	ZC63064.T	127.09	0.754911	0.761567	ZC63121.T	127.65	0.684846	0.703525	ZC64010.T	127.96	0.754428	0.759886	ZC64114.T
	ZC63064.T	127.09	0.747529	0.755224	ZC63121.T	127.65	0.676333	0.694137	ZC64010.T	127.96	0.748489	0.751471	ZC64114.T
	ZC63064.T	127.09	0.741386	0.74796	ZC63121.T	127.65	0.667522	0.68603	ZC64010.T	127.96	0.74271	0.742345	ZC64114.T
	ZC63064.T	127.09	0.73662	0.740359	ZC63121.T	127.65	0.658583	0.679614	ZC64010.T	127.96	0.737097	0.732793	ZC64114.T
	ZC63064.T	127.09	0.733013	0.732919	ZC63121.T	127.65	0.6499	0.674636	ZC64010.T	127.96	0.731358	0.723422	ZC64114.T
	ZC63064.T	127.09	0.729939	0.725859	ZC63121.T	127.65	0.641901	0.670333	ZC64010.T	127.96	0.725137	0.715007	ZC64114.T
	ZC63064.T	127.09	0.726497	0.719185	ZC63121.T	127.65	0.63491	0.665843	ZC64010.T	127.96	0.718336	0.708161	ZC64114.T
	ZC63064.T	127.09	0.721797	0.712891	ZC63121.T	127.65	0.629085	0.66066	ZC64010.T	127.96	0.711293	0.703065	ZC64114.T
	ZC63064.T	127.09	0.715324	0.707074	ZC63121.T	127.65	0.624471	0.654832	ZC64010.T	127.96	0.704644	0.699398	ZC64114.T
	ZC63064.T	127.09	0.707195	0.701891	ZC63121.T	127.65	0.621025	0.648776	ZC64010.T	127.96	0.698967	0.696506	ZC64114.T
	ZC63064.T	127.09	0.698201	0.697385	ZC63121.T	127.65	0.618578	0.642909	ZC64010.T	127.96	0.694446	0.69369	ZC64114.T
	ZC63064.T	127.09	0.689541	0.69338	ZC63121.T	127.65	0.616782	0.637384	ZC64010.T	127.96	0.690798	0.690475	ZC64114.T
	ZC63064.T	127.09	0.682354	0.689524	ZC63121.T	127.65	0.615111	0.632119	ZC64010.T	127.96	0.687473	0.686685	ZC64114.T
	ZC63064.T	127.09	0.677243	0.685459	ZC63121.T	127.65	0.613006	0.627014	ZC64010.T	127.96	0.683997	0.682368	ZC64114.T
	ZC63064.T	127.09	0.674033	0.680968	ZC63121.T	127.65	0.610041	0.622161	ZC64010.T	127.96	0.680182	0.677661	ZC64114.T
	ZC63064.T	127.09	0.671833	0.676011	ZC63121.T	127.65	0.605998	0.617818	ZC64010.T	127.96	0.67612	0.672671	ZC64114.T
	ZC63064.T	127.09	0.669413	0.670655	ZC63121.T	127.65	0.600824	0.614151	ZC64010.T	127.96	0.671974	0.667369	ZC64114.T
	ZC63064.T	127.09	0.665663	0.664996	ZC63121.T	127.65	0.594511	0.611036	ZC64010.T	127.96	0.667755	0.661498	ZC64114.T
	ZC63064.T	127.09	0.659975	0.659195	ZC63121.T	127.65	0.587078	0.608145	ZC64010.T	127.96	0.663252	0.654507	ZC6

depth.149	RawTest1.149	RawTest2.149	name.150	depth.150	RawTest1.150	RawTest2.150	name.151	depth.151	RawTest1.151	RawTest2.151	name.152	depth.152	RawTest1.152
129.08	1.01303	1.012175	ZC66041.T	130.32	0.989453	0.991078	ZC67004.T	130.39	0.996173	1.002992	ZC73004.T	135.95	0.967871
129.08	1.012272	1.012425	ZC66041.T	130.32	0.99201	0.990519	ZC67004.T	130.39	0.997047	1.000855	ZC73004.T	135.95	0.969076
129.08	1.010909	1.012186	ZC66041.T	130.32	0.996465	0.988946	ZC67004.T	130.39	0.99825	0.996095	ZC73004.T	135.95	0.971414
129.08	1.009665	1.01066	ZC66041.T	130.32	1.000007	0.986898	ZC67004.T	130.39	0.998768	0.99079	ZC73004.T	135.95	0.973577
129.08	1.008344	1.007563	ZC66041.T	130.32	1.002586	0.984649	ZC67004.T	130.39	0.998635	0.985346	ZC73004.T	135.95	0.975527
129.08	1.006685	1.002867	ZC66041.T	130.32	1.004158	0.982536	ZC67004.T	130.39	0.997847	0.980361	ZC73004.T	135.95	0.977324
129.08	1.004484	0.996899	ZC66041.T	130.32	1.004668	0.98087	ZC67004.T	130.39	0.99635	0.976464	ZC73004.T	135.95	0.979099
129.08	1.001708	0.990336	ZC66041.T	130.32	1.004119	0.979852	ZC67004.T	130.39	0.994109	0.974127	ZC73004.T	135.95	0.980978
129.08	0.998554	0.984102	ZC66041.T	130.32	1.002594	0.979554	ZC67004.T	130.39	0.991242	0.973488	ZC73004.T	135.95	0.983015
129.08	0.995378	0.979152	ZC66041.T	130.32	1.000374	0.979932	ZC67004.T	130.39	0.988121	0.974267	ZC73004.T	135.95	0.985127
129.08	0.992522	0.976227	ZC66041.T	130.32	0.997905	0.980867	ZC67004.T	130.39	0.985351	0.975811	ZC73004.T	135.95	0.98709
129.08	0.990102	0.975675	ZC66041.T	130.32	0.995726	0.982189	ZC67004.T	130.39	0.983603	0.977272	ZC73004.T	135.95	0.988577
129.08	0.987896	0.977367	ZC66041.T	130.32	0.994331	0.983697	ZC67004.T	130.39	0.983355	0.977897	ZC73004.T	135.95	0.989224
129.08	0.985447	0.980721	ZC66041.T	130.32	0.994016	0.985177	ZC67004.T	130.39	0.984656	0.977311	ZC73004.T	135.95	0.988766
129.08	0.982363	0.984844	ZC66041.T	130.32	0.994769	0.986418	ZC67004.T	130.39	0.98702	0.975657	ZC73004.T	135.95	0.987096
129.08	0.978642	0.988746	ZC66041.T	130.32	0.996252	0.987237	ZC67004.T	130.39	0.989501	0.973522	ZC73004.T	135.95	0.984395
129.08	0.974842	0.991548	ZC66041.T	130.32	0.997868	0.987511	ZC67004.T	130.39	0.990961	0.971631	ZC73004.T	135.95	0.981041
129.08	0.971926	0.992682	ZC66041.T	130.32	0.998926	0.9872	ZC67004.T	130.39	0.990401	0.970497	ZC73004.T	135.95	0.97745
129.08	0.970825	0.991989	ZC66041.T	130.32	0.998825	0.986336	ZC67004.T	130.39	0.987358	0.970192	ZC73004.T	135.95	0.97387
129.08	0.971868	0.989646	ZC66041.T	130.32	0.997205	0.984985	ZC67004.T	130.39	0.982131	0.970373	ZC73004.T	135.95	0.970284
129.08	0.974563	0.986002	ZC66041.T	130.32	0.993987	0.9832	ZC67004.T	130.39	0.975754	0.970563	ZC73004.T	135.95	0.966518
129.08	0.977583	0.981434	ZC66041.T	130.32	0.989337	0.980999	ZC67004.T	130.39	0.969635	0.9704	ZC73004.T	135.95	0.962464
129.08	0.979304	0.976338	ZC66041.T	130.32	0.98359	0.978375	ZC67004.T	130.39	0.964972	0.969793	ZC73004.T	135.95	0.958268
129.08	0.978431	0.971187	ZC66041.T	130.32	0.977179	0.975308	ZC67004.T	130.39	0.962199	0.968847	ZC73004.T	135.95	0.954294
129.08	0.974516	0.966564	ZC66041.T	130.32	0.97057	0.971762	ZC67004.T	130.39	0.960793	0.967643	ZC73004.T	135.95	0.950879
129.08	0.968093	0.963041	ZC66041.T	130.32	0.964174	0.967669	ZC67004.T	130.39	0.959532	0.966057	ZC73004.T	135.95	0.948058
129.08	0.960386	0.960932	ZC66041.T	130.32	0.958253	0.962946	ZC67004.T	130.39	0.9571	0.963758	ZC73004.T	135.95	0.945447
129.08	0.95274	0.960053	ZC66041.T	130.32	0.952841	0.957559	ZC67004.T	130.39	0.952707	0.960387	ZC73004.T	135.95	0.942394
129.08	0.946123	0.959725	ZC66041.T	130.32	0.947746	0.951645	ZC67004.T	130.39	0.946376	0.95578	ZC73004.T	135.95	0.938336
129.08	0.940917	0.95904	ZC66041.T	130.32	0.942603	0.945601	ZC67004.T	130.39	0.938843	0.950063	ZC73004.T	135.95	0.933124
129.08	0.937021	0.95724	ZC66041.T	130.32	0.936999	0.940052	ZC67004.T	130.39	0.931148	0.943528	ZC73004.T	135.95	0.92713
129.08	0.934106	0.954003	ZC66041.T	130.32	0.930631	0.935627	ZC67004.T	130.39	0.924207	0.936401	ZC73004.T	135.95	0.92104
129.08	0.93181	0.949414	ZC66041.T	130.32	0.923449	0.93263	ZC67004.T	130.39	0.918551	0.928697	ZC73004.T	135.95	0.91549
129.08	0.929759	0.943673	ZC66041.T	130.32	0.915715	0.930773	ZC67004.T	130.39	0.914248	0.920308	ZC73004.T	135.95	0.910783
129.08	0.927485	0.936784	ZC66041.T	130.32	0.907951	0.92916	ZC67004.T	130.39	0.910951	0.911243	ZC73004.T	135.95	0.906847
129.08	0.924362	0.928476	ZC66041.T	130.32	0.900773	0.926611	ZC67004.T	130.39	0.907971	0.901827	ZC73004.T	135.95	0.903388
129.08	0.919715	0.918462	ZC66041.T	130.32	0.89464	0.922172	ZC67004.T	130.39	0.904432	0.892649	ZC73004.T	135.95	0.900047
129.08	0.913085	0.906824	ZC66041.T	130.32	0.889651	0.915518	ZC67004.T	130.39	0.899505	0.884302	ZC73004.T	135.95	0.896486
129.08	0.90451	0.894247	ZC66041.T	130.32	0.885455	0.907034	ZC67004.T	130.39	0.892721	0.877053	ZC73004.T	135.95	0.892355
129.08	0.894576	0.881861	ZC66041.T	130.32	0.881326	0.897551	ZC67004.T	130.39	0.884169	0.870701	ZC73004.T	135.95	0.887272
129.08	0.884195	0.870767	ZC66041.T	130.32	0.876379	0.887873	ZC67004.T	130.39	0.874434	0.864705	ZC73004.T	135.95	0.880887
129.08	0.874202	0.861523	ZC66041.T	130.32	0.869886	0.878425	ZC67004.T	130.39	0.864276	0.858503	ZC73004.T	135.95	0.873014
129.08	0.864984	0.853928	ZC66041.T	130.32	0.861519	0.869164	ZC67004.T	130.39	0.854229	0.851756	ZC73004.T	135.95	0.863732
129.08	0.856328	0.847166	ZC66041.T	130.32	0.851464	0.859749	ZC67004.T	130.39	0.84438	0.844414	ZC73004.T	135.95	0.853387
129.08	0.847601	0.840207	ZC66041.T	130.32	0.840344	0.849833	ZC67004.T	130.39	0.834509	0.836576	ZC73004.T	135.95	0.842486
129.08	0.838125	0.832258	ZC66041.T	130.32	0.828975	0.839289	ZC67004.T	130.39	0.824416	0.828335	ZC73004.T	135.95	0.83153
129.08	0.827546	0.823018	ZC66041.T	130.32	0.818081	0.828267	ZC67004.T	130.39	0.814184	0.819749	ZC73004.T	135.95	0.820888
129.08	0.816029	0.812637	ZC66041.T	130.32	0.808108	0.817095	ZC67004.T	130.39	0.804177	0.810955	ZC73004.T	135.95	0.810779
129.08	0.80419	0.801476	ZC66041.T	130.32	0.799152	0.806118	ZC67004.T	130.39	0.794795	0.802261	ZC73004.T	135.95	0.801345
129.08	0.79282	0.789886	ZC66041.T	130.32	0.791049	0.795573	ZC67004.T	130.39	0.786204	0.794078	ZC73004.T	135.95	0.792725
129.08	0.782522	0.778126	ZC66041.T	130.32	0.783536	0.785586	ZC67004.T	130.39	0.77823	0.786702	ZC73004.T	135.95	0.785082
129.08	0.773441	0.766424	ZC66041.T	130.32	0.776396	0.776246	ZC67004.T	130.39	0.770548	0.780089	ZC73004.T	135.95	0.778508
129.08	0.765248	0.755102	ZC66041.T	130.32	0.76949	0.767663	ZC67004.T	130.39	0.76296	0.773822	ZC73004.T	135.95	0.772943
129.08	0.757359	0.744594	ZC66041.T	130.32	0.762689	0.759952	ZC67004.T	130.39	0.755546	0.767326	ZC73004.T	135.95	0.768178
129.08	0.749242	0.73534	ZC66041.T	130.32	0.755818	0.753143	ZC67004.T	130.39	0.748582	0.760191	ZC73004.T	135.95	0.763945
129.08	0.74063	0.727599	ZC66041.T	130.32	0.748685	0.7471	ZC67004.T	130.39	0.742284	0.752406	ZC73004.T	135.95	0.760018
129.08	0.731557	0.721292	ZC66041.T	130.32	0.741181	0.741478	ZC67004.T	130.39	0.736585	0.744399	ZC73004.T	135.95	0.756286
129.08	0.722238	0.715989	ZC66041.T	130.32	0.733359	0.735787	ZC67004.T	130.39	0.731142	0.736853	ZC73004.T	135.95	0.752752
129.08	0.71291	0.711061	ZC66041.T	130.32	0.725415	0.729501	ZC67004.T	130.39	0.725528	0.730412	ZC73004.T	135.95	0.749471
129.08	0.703733	0.70591	ZC66041.T	130.32	0.717596	0.722245	ZC67004.T	130.39	0.719483	0.725396	ZC73004.T	135.95	0.746427
129.08	0.694791	0.700147	ZC66041.T	130.32	0.710119	0.713937	ZC67004.T	130.39	0.713034	0.721696	ZC73004.T	135.95	0.743448
129.08	0.686186	0.693681	ZC66041.T	130.32	0.703144	0.704838	ZC67004.T	130.39	0.706421	0.718835	ZC73004.T	135.95	0.740214
129.08	0.678111	0.686663	ZC66041.T	130.32	0.696772	0.695479	ZC67004.T	130.39	0.699921	0.716159	ZC73004.T	135.95	0.736378
129.08	0.670798	0.679358	ZC66041.T	130.32	0.69102	0.686469	ZC67004.T	130.39	0.693718	0.713062	ZC73004.T	135.95	0.731759
129.08	0.664385	0.672017	ZC66041.T	130.32	0.685786	0.678289	ZC67004.T	130.39	0.687927	0.709134	ZC73004.T	135.95	0.726527
129.08	0.658789	0.664798	ZC66041.T	130.32	0.680828	0.671127	ZC67004.T	130.39	0.682693	0.704203	ZC73004.T	135.95	0.721189
129.08	0.653693	0.657756	ZC66041.T	130.32	0.675853	0.664855	ZC67004.T	130.39	0.678233	0.69831	ZC73004.T	135.95	0.716411
129.08	0.648677	0.650839	ZC66041.T	130.32	0.670657	0.659139	ZC67004.T	130.39	0.674746	0.691659	ZC73004.T	135.95	0.712728
129.08	0.643431	0.643915	ZC66041.T	130.32	0.665224	0.653603	ZC67004.T	130.39	0.672254	0.684571	ZC73004.T	135.95	0.710341
129.08	0.637894	0.636815	ZC66041.T	130.32	0.659688	0.647952	ZC67004.T						

RawTest2.152	name.153	depth.153	RawTest1.	RawTest2.153	name.154	depth.154	RawTest1.	RawTest2.154	name.155	depth.155	RawTest1.	RawTest2.155
1.028245	ZC73064.T	136.59	1.002665	0.987541	ZC74124.T	138.69	0.990578	1.028682	ZC74147.T	138.91	0.976987	0.977239
1.026293	ZC73064.T	136.59	1.00142	0.989355	ZC74124.T	138.69	0.988883	1.028106	ZC74147.T	138.91	0.976551	0.979173
1.022732	ZC73064.T	136.59	0.999099	0.992179	ZC74124.T	138.69	0.986035	1.026386	ZC74147.T	138.91	0.976171	0.983644
1.019516	ZC73064.T	136.59	0.997256	0.994004	ZC74124.T	138.69	0.983866	1.023836	ZC74147.T	138.91	0.976403	0.988881
1.016506	ZC73064.T	136.59	0.996214	0.994906	ZC74124.T	138.69	0.982195	1.020443	ZC74147.T	138.91	0.977126	0.99455
1.013495	ZC73064.T	136.59	0.996167	0.99504	ZC74124.T	138.69	0.980722	1.016346	ZC74147.T	138.91	0.978164	1.000029
1.010256	ZC73064.T	136.59	0.997068	0.994598	ZC74124.T	138.69	0.979129	1.011868	ZC74147.T	138.91	0.97936	1.004515
1.006605	ZC73064.T	136.59	0.998556	0.993751	ZC74124.T	138.69	0.97718	1.007515	ZC74147.T	138.91	0.980622	1.00724
1.002477	ZC73064.T	136.59	0.999996	0.992614	ZC74124.T	138.69	0.974792	1.003874	ZC74147.T	138.91	0.981925	1.00768
0.997992	ZC73064.T	136.59	1.000616	0.991211	ZC74124.T	138.69	0.972062	1.001445	ZC74147.T	138.91	0.983254	1.005711
0.993472	ZC73064.T	136.59	0.999822	0.989495	ZC74124.T	138.69	0.969233	1.000427	ZC74147.T	138.91	0.98452	1.001633
0.989362	ZC73064.T	136.59	0.997269	0.987429	ZC74124.T	138.69	0.966613	1.000596	ZC74147.T	138.91	0.985528	0.996061
0.986058	ZC73064.T	136.59	0.993196	0.985076	ZC74124.T	138.69	0.964483	1.001317	ZC74147.T	138.91	0.985989	0.989758
0.983683	ZC73064.T	136.59	0.988338	0.982631	ZC74124.T	138.69	0.963013	1.001721	ZC74147.T	138.91	0.985639	0.983483
0.981938	ZC73064.T	136.59	0.983736	0.980366	ZC74124.T	138.69	0.962202	1.001002	ZC74147.T	138.91	0.984356	0.977883
0.980127	ZC73064.T	136.59	0.980452	0.978496	ZC74124.T	138.69	0.961884	0.998601	ZC74147.T	138.91	0.982298	0.973444
0.977383	ZC73064.T	136.59	0.97923	0.977027	ZC74124.T	138.69	0.961789	0.994312	ZC74147.T	138.91	0.979857	0.970441
0.97302	ZC73064.T	136.59	0.980216	0.975701	ZC74124.T	138.69	0.961626	0.988194	ZC74147.T	138.91	0.977498	0.968862
0.966857	ZC73064.T	136.59	0.982966	0.9741	ZC74124.T	138.69	0.96115	0.980458	ZC74147.T	138.91	0.975553	0.968379
0.959346	ZC73064.T	136.59	0.986467	0.971861	ZC74124.T	138.69	0.960184	0.971449	ZC74147.T	138.91	0.974086	0.968385
0.951459	ZC73064.T	136.59	0.989417	0.96888	ZC74124.T	138.69	0.958614	0.961738	ZC74147.T	138.91	0.972924	0.968182
0.944381	ZC73064.T	136.59	0.990557	0.965375	ZC74124.T	138.69	0.956412	0.952222	ZC74147.T	138.91	0.971782	0.967249
0.939114	ZC73064.T	136.59	0.989089	0.961759	ZC74124.T	138.69	0.953709	0.94405	ZC74147.T	138.91	0.970403	0.96548
0.936117	ZC73064.T	136.59	0.984839	0.958411	ZC74124.T	138.69	0.950839	0.93831	ZC74147.T	138.91	0.968573	0.963218
0.935144	ZC73064.T	136.59	0.97843	0.955517	ZC74124.T	138.69	0.948275	0.935599	ZC74147.T	138.91	0.966084	0.961045
0.935334	ZC73064.T	136.59	0.971058	0.953034	ZC74124.T	138.69	0.946454	0.935692	ZC74147.T	138.91	0.962734	0.959443
0.935599	ZC73064.T	136.59	0.964086	0.950772	ZC74124.T	138.69	0.945516	0.937528	ZC74147.T	138.91	0.958455	0.95853
0.935126	ZC73064.T	136.59	0.958599	0.94848	ZC74124.T	138.69	0.945113	0.939584	ZC74147.T	138.91	0.953483	0.958024
0.933671	ZC73064.T	136.59	0.955049	0.945896	ZC74124.T	138.69	0.944433	0.940417	ZC74147.T	138.91	0.948367	0.957421
0.931627	ZC73064.T	136.59	0.953147	0.942751	ZC74124.T	138.69	0.942505	0.939146	ZC74147.T	138.91	0.943726	0.956238
0.929657	ZC73064.T	136.59	0.952012	0.938802	ZC74124.T	138.69	0.938688	0.935556	ZC74147.T	138.91	0.939911	0.954165
0.928197	ZC73064.T	136.59	0.950517	0.933965	ZC74124.T	138.69	0.93306	0.930138	ZC74147.T	138.91	0.936785	0.951062
0.927066	ZC73064.T	136.59	0.947665	0.928463	ZC74124.T	138.69	0.926458	0.92384	ZC74147.T	138.91	0.933852	0.946869
0.92554	ZC73064.T	136.59	0.942927	0.922839	ZC74124.T	138.69	0.920096	0.917788	ZC74147.T	138.91	0.930648	0.941554
0.922816	ZC73064.T	136.59	0.936375	0.917773	ZC74124.T	138.69	0.914964	0.912965	ZC74147.T	138.91	0.927116	0.935189
0.918574	ZC73064.T	136.59	0.928613	0.913727	ZC74124.T	138.69	0.911288	0.909897	ZC74147.T	138.91	0.923675	0.928085
0.913184	ZC73064.T	136.59	0.920571	0.910662	ZC74124.T	138.69	0.908442	0.908479	ZC74147.T	138.91	0.920893	0.920855
0.907444	ZC73064.T	136.59	0.913194	0.908019	ZC74124.T	138.69	0.905329	0.907998	ZC74147.T	138.91	0.919022	0.91427
0.902026	ZC73064.T	136.59	0.907157	0.90501	ZC74124.T	138.69	0.901013	0.907344	ZC74147.T	138.91	0.917754	0.909036
0.897008	ZC73064.T	136.59	0.902645	0.901019	ZC74124.T	138.69	0.895233	0.905364	ZC74147.T	138.91	0.916358	0.905504
0.891824	ZC73064.T	136.59	0.899318	0.895837	ZC74124.T	138.69	0.88844	0.9012	ZC74147.T	138.91	0.91404	0.903491
0.885599	ZC73064.T	136.59	0.896422	0.889622	ZC74124.T	138.69	0.881374	0.894496	ZC74147.T	138.91	0.910293	0.902251
0.877682	ZC73064.T	136.59	0.893032	0.882645	ZC74124.T	138.69	0.874502	0.885442	ZC74147.T	138.91	0.904991	0.900656
0.868004	ZC73064.T	136.59	0.888318	0.875053	ZC74124.T	138.69	0.87691	0.87469	ZC74147.T	138.91	0.898293	0.89753
0.857095	ZC73064.T	136.59	0.88178	0.866817	ZC74124.T	138.69	0.860314	0.863158	ZC74147.T	138.91	0.890485	0.892047
0.845811	ZC73064.T	136.59	0.873382	0.857906	ZC74124.T	138.69	0.851754	0.851784	ZC74147.T	138.91	0.881907	0.884016
0.834974	ZC73064.T	136.59	0.863561	0.848484	ZC74124.T	138.69	0.841889	0.841314	ZC74147.T	138.91	0.872946	0.873958
0.825097	ZC73064.T	136.59	0.853053	0.838976	ZC74124.T	138.69	0.831235	0.832122	ZC74147.T	138.91	0.864005	0.862903
0.816273	ZC73064.T	136.59	0.842629	0.829901	ZC74124.T	138.69	0.820665	0.82416	ZC74147.T	138.91	0.855386	0.851955
0.808271	ZC73064.T	136.59	0.832859	0.821639	ZC74124.T	138.69	0.81094	0.817062	ZC74147.T	138.91	0.847138	0.841932
0.800712	ZC73064.T	136.59	0.82395	0.814264	ZC74124.T	138.69	0.802339	0.810341	ZC74147.T	138.91	0.839033	0.833165
0.79326	ZC73064.T	136.59	0.815768	0.807596	ZC74124.T	138.69	0.794626	0.803602	ZC74147.T	138.91	0.830734	0.825569
0.785721	ZC73064.T	136.59	0.808008	0.80138	ZC74124.T	138.69	0.78729	0.796659	ZC74147.T	138.91	0.822078	0.818857
0.778098	ZC73064.T	136.59	0.800414	0.795502	ZC74124.T	138.69	0.779913	0.789524	ZC74147.T	138.91	0.813265	0.812733
0.770585	ZC73064.T	136.59	0.792933	0.790038	ZC74124.T	138.69	0.772394	0.782319	ZC74147.T	138.91	0.804797	0.806965
0.763513	ZC73064.T	136.59	0.785761	0.785138	ZC74124.T	138.69	0.764973	0.775204	ZC74147.T	138.91	0.797207	0.801383
0.757227	ZC73064.T	136.59	0.779266	0.780811	ZC74124.T	138.69	0.758044	0.768317	ZC74147.T	138.91	0.790749	0.795851
0.751954	ZC73064.T	136.59	0.773833	0.776805	ZC74124.T	138.69	0.751915	0.761741	ZC74147.T	138.91	0.785295	0.790268
0.747706	ZC73064.T	136.59	0.769652	0.772655	ZC74124.T	138.69	0.74665	0.755479	ZC74147.T	138.91	0.780472	0.784609
0.744218	ZC73064.T	136.59	0.766555	0.767881	ZC74124.T	138.69	0.742028	0.749479	ZC74147.T	138.91	0.775942	0.778935
0.740968	ZC73064.T	136.59	0.763992	0.762211	ZC74124.T	138.69	0.73761	0.743688	ZC74147.T	138.91	0.771592	0.773331
0.737317	ZC73064.T	136.59	0.761209	0.755683	ZC74124.T	138.69	0.732883	0.738089	ZC74147.T	138.91	0.767514	0.767833
0.732769	ZC73064.T	136.59	0.757534	0.748612	ZC74124.T	138.69	0.727439	0.732685	ZC74147.T	138.91	0.763843	0.762427
0.727186	ZC73064.T	136.59	0.752718	0.741447	ZC74124.T	138.69	0.721133	0.727435	ZC74147.T	138.91	0.760571	0.757119
0.720869	ZC73064.T	136.59	0.747086	0.734611	ZC74124.T	138.69	0.714144	0.722219	ZC74147.T	138.91	0.757489	0.752005
0.714435	ZC73064.T	136.59	0.741398	0.728411	ZC74124.T	138.69	0.706921	0.716888	ZC74147.T	138.91	0.754289	0.747247
0.708561	ZC73064.T	136.59	0.736431	0.72301	ZC74124.T	138.69	0.700009	0.711406	ZC74147.T	138.91	0.750724	0.742297
0.703742	ZC73064.T	136.59	0.732533	0.718429	ZC74124.T	138.69	0.693849	0.705929	ZC74147.T	138.91	0.746735	0.739173
0.700161	ZC73064.T	136.59	0.729415	0.714575	ZC74124.T	138.69	0.688654	0.700748	ZC74147.T	138.91	0.742449	0.735673
0.697701	ZC73064.T	136.59	0.726325	0.711273	ZC74124.T	138.69	0.684395	0.696117	ZC74147.T	138.91	0.738085	0.732211
0.69603	ZC73064.T	136.59	0.722508	0.708299	ZC74124.T	138.69	0.680873	0.692079	ZC74147.T	138.91	0.733825	0.728564
0.694639	ZC73064.T	136.59	0.717697	0.705401	ZC74124.T	138.69	0.677812	0.688442	ZC74147.T	138.91	0.729737	0.724626
0.692823	ZC73064.T	136.59	0.712418	0.70228	ZC74124.T	138.69	0.6749	0.684919	ZC74147.T	138.91	0.725723	0.720414
0.689648	ZC73064.T	136.59	0.707925	0.698582	ZC74124.T	138.69	0.671795	0.681372	ZC74147.T	138.91	0.721484	0.71602
0.683991	ZC73064.T	136.59	0.705864	0.								

name.156	depth.156	RawTest1.156	RawTest2.156	name.157	depth.157	RawTest1.157	RawTest2.157	name.158	depth.158	RawTest1.158	RawTest2.158	name.159	depth.159
ZC75028.T	139.23	1.023786	0.954712	ZC75064.T	139.59	0.99159	0.989057	ZC75100.T	139.95	1.007916	1.008141	ZC75136.T	140.31
ZC75028.T	139.23	1.020054	0.957215	ZC75064.T	139.59	0.992157	0.990809	ZC75100.T	139.95	1.006073	1.007673	ZC75136.T	140.31
ZC75028.T	139.23	1.012698	0.962245	ZC75064.T	139.59	0.993498	0.993215	ZC75100.T	139.95	1.003199	1.006178	ZC75136.T	140.31
ZC75028.T	139.23	1.005686	0.967459	ZC75064.T	139.59	0.994974	0.994301	ZC75100.T	139.95	1.001478	1.003724	ZC75136.T	140.31
ZC75028.T	139.23	0.999415	0.972966	ZC75064.T	139.59	0.996333	0.994368	ZC75100.T	139.95	1.000773	1.000211	ZC75136.T	140.31
ZC75028.T	139.23	0.994396	0.978761	ZC75064.T	139.59	0.997239	0.993877	ZC75100.T	139.95	1.000647	0.995839	ZC75136.T	140.31
ZC75028.T	139.23	0.991092	0.984657	ZC75064.T	139.59	0.997327	0.993328	ZC75100.T	139.95	1.000467	0.991125	ZC75136.T	140.31
ZC75028.T	139.23	0.989742	0.990269	ZC75064.T	139.59	0.996278	0.993103	ZC75100.T	139.95	0.999579	0.986797	ZC75136.T	140.31
ZC75028.T	139.23	0.990247	0.995052	ZC75064.T	139.59	0.99391	0.993368	ZC75100.T	139.95	0.997521	0.983581	ZC75136.T	140.31
ZC75028.T	139.23	0.992169	0.998411	ZC75064.T	139.59	0.990257	0.993996	ZC75100.T	139.95	0.994205	0.981941	ZC75136.T	140.31
ZC75028.T	139.23	0.994865	0.999871	ZC75064.T	139.59	0.985628	0.99461	ZC75100.T	139.95	0.989994	0.981899	ZC75136.T	140.31
ZC75028.T	139.23	0.997639	0.999249	ZC75064.T	139.59	0.980595	0.994699	ZC75100.T	139.95	0.985618	0.983002	ZC75136.T	140.31
ZC75028.T	139.23	0.999866	0.99675	ZC75064.T	139.59	0.975897	0.993805	ZC75100.T	139.95	0.981935	0.984467	ZC75136.T	140.31
ZC75028.T	139.23	1.001046	0.992952	ZC75064.T	139.59	0.972243	0.991695	ZC75100.T	139.95	0.979651	0.985452	ZC75136.T	140.31
ZC75028.T	139.23	1.000839	0.988631	ZC75064.T	139.59	0.970086	0.988455	ZC75100.T	139.95	0.979035	0.985533	ZC75136.T	140.31
ZC75028.T	139.23	0.99908	0.984485	ZC75064.T	139.59	0.96946	0.984475	ZC75100.T	139.95	0.979829	0.98384	ZC75136.T	140.31
ZC75028.T	139.23	0.995825	0.980931	ZC75064.T	139.59	0.96995	0.980346	ZC75100.T	139.95	0.981342	0.98108	ZC75136.T	140.31
ZC75028.T	139.23	0.991375	0.978018	ZC75064.T	139.59	0.970873	0.97666	ZC75100.T	139.95	0.982692	0.977407	ZC75136.T	140.31
ZC75028.T	139.23	0.986249	0.975547	ZC75064.T	139.59	0.971519	0.973805	ZC75100.T	139.95	0.98307	0.973279	ZC75136.T	140.31
ZC75028.T	139.23	0.981087	0.973285	ZC75064.T	139.59	0.971434	0.971776	ZC75100.T	139.95	0.981931	0.969157	ZC75136.T	140.31
ZC75028.T	139.23	0.976505	0.971128	ZC75064.T	139.59	0.97055	0.970173	ZC75100.T	139.95	0.979068	0.96543	ZC75136.T	140.31
ZC75028.T	139.23	0.97296	0.969141	ZC75064.T	139.59	0.969124	0.968001	ZC75100.T	139.95	0.974624	0.962364	ZC75136.T	140.31
ZC75028.T	139.23	0.970635	0.967473	ZC75064.T	139.59	0.967529	0.96476	ZC75100.T	139.95	0.969057	0.960024	ZC75136.T	140.31
ZC75028.T	139.23	0.969406	0.966221	ZC75064.T	139.59	0.966021	0.960188	ZC75100.T	139.95	0.963064	0.958233	ZC75136.T	140.31
ZC75028.T	139.23	0.968891	0.965346	ZC75064.T	139.59	0.964627	0.95485	ZC75100.T	139.95	0.957442	0.956589	ZC75136.T	140.31
ZC75028.T	139.23	0.968599	0.964667	ZC75064.T	139.59	0.963173	0.949893	ZC75100.T	139.95	0.952888	0.954613	ZC75136.T	140.31
ZC75028.T	139.23	0.968109	0.963943	ZC75064.T	139.59	0.961445	0.946525	ZC75100.T	139.95	0.949768	0.951943	ZC75136.T	140.31
ZC75028.T	139.23	0.967196	0.962973	ZC75064.T	139.59	0.959383	0.945429	ZC75100.T	139.95	0.947988	0.948503	ZC75136.T	140.31
ZC75028.T	139.23	0.965832	0.961655	ZC75064.T	139.59	0.957161	0.946356	ZC75100.T	139.95	0.947049	0.944519	ZC75136.T	140.31
ZC75028.T	139.23	0.964085	0.95999	ZC75064.T	139.59	0.955056	0.948382	ZC75100.T	139.95	0.946282	0.940411	ZC75136.T	140.31
ZC75028.T	139.23	0.96198	0.958044	ZC75064.T	139.59	0.953195	0.950174	ZC75100.T	139.95	0.945172	0.936631	ZC75136.T	140.31
ZC75028.T	139.23	0.959429	0.955885	ZC75064.T	139.59	0.951369	0.950616	ZC75100.T	139.95	0.943569	0.933494	ZC75136.T	140.31
ZC75028.T	139.23	0.956252	0.95348	ZC75064.T	139.59	0.949063	0.949135	ZC75100.T	139.95	0.941691	0.931076	ZC75136.T	140.31
ZC75028.T	139.23	0.952293	0.95064	ZC75064.T	139.59	0.945701	0.945742	ZC75100.T	139.95	0.939937	0.929173	ZC75136.T	140.31
ZC75028.T	139.23	0.947549	0.947101	ZC75064.T	139.59	0.940944	0.940862	ZC75100.T	139.95	0.938586	0.927331	ZC75136.T	140.31
ZC75028.T	139.23	0.942232	0.942722	ZC75064.T	139.59	0.93487	0.935134	ZC75100.T	139.95	0.937561	0.92501	ZC75136.T	140.31
ZC75028.T	139.23	0.9367	0.937677	ZC75064.T	139.59	0.927932	0.929279	ZC75100.T	139.95	0.936402	0.921812	ZC75136.T	140.31
ZC75028.T	139.23	0.931314	0.93251	ZC75064.T	139.59	0.920754	0.923965	ZC75100.T	139.95	0.934412	0.917684	ZC75136.T	140.31
ZC75028.T	139.23	0.926312	0.927894	ZC75064.T	139.59	0.913919	0.919661	ZC75100.T	139.95	0.930943	0.912977	ZC75136.T	140.31
ZC75028.T	139.23	0.921721	0.924247	ZC75064.T	139.59	0.90784	0.916396	ZC75100.T	139.95	0.925631	0.908252	ZC75136.T	140.31
ZC75028.T	139.23	0.917324	0.921352	ZC75064.T	139.59	0.902706	0.913622	ZC75100.T	139.95	0.918492	0.903922	ZC75136.T	140.31
ZC75028.T	139.23	0.912708	0.918307	ZC75064.T	139.59	0.89847	0.910345	ZC75100.T	139.95	0.909869	0.899913	ZC75136.T	140.31
ZC75028.T	139.23	0.907374	0.913847	ZC75064.T	139.59	0.894823	0.905484	ZC75100.T	139.95	0.900285	0.895613	ZC75136.T	140.31
ZC75028.T	139.23	0.900903	0.906908	ZC75064.T	139.59	0.891203	0.898344	ZC75100.T	139.95	0.890286	0.890174	ZC75136.T	140.31
ZC75028.T	139.23	0.893141	0.897114	ZC75064.T	139.59	0.886902	0.888953	ZC75100.T	139.95	0.880362	0.883016	ZC75136.T	140.31
ZC75028.T	139.23	0.884287	0.884917	ZC75064.T	139.59	0.881302	0.878039	ZC75100.T	139.95	0.870904	0.874215	ZC75136.T	140.31
ZC75028.T	139.23	0.874819	0.871371	ZC75064.T	139.59	0.874151	0.866717	ZC75100.T	139.95	0.862172	0.864568	ZC75136.T	140.31
ZC75028.T	139.23	0.865278	0.857724	ZC75064.T	139.59	0.865737	0.856043	ZC75100.T	139.95	0.854246	0.855257	ZC75136.T	140.31
ZC75028.T	139.23	0.85603	0.845031	ZC75064.T	139.59	0.856826	0.846623	ZC75100.T	139.95	0.847012	0.84729	ZC75136.T	140.31
ZC75028.T	139.23	0.847143	0.833963	ZC75064.T	139.59	0.848285	0.838483	ZC75100.T	139.95	0.840186	0.841038	ZC75136.T	140.31
ZC75028.T	139.23	0.838453	0.82478	ZC75064.T	139.59	0.840655	0.831213	ZC75100.T	139.95	0.833406	0.836123	ZC75136.T	140.31
ZC75028.T	139.23	0.829721	0.817372	ZC75064.T	139.59	0.833896	0.82432	ZC75100.T	139.95	0.826365	0.831642	ZC75136.T	140.31
ZC75028.T	139.23	0.820789	0.811297	ZC75064.T	139.59	0.827472	0.817542	ZC75100.T	139.95	0.818902	0.826609	ZC75136.T	140.31
ZC75028.T	139.23	0.811632	0.805877	ZC75064.T	139.59	0.820705	0.810983	ZC75100.T	139.95	0.811042	0.820322	ZC75136.T	140.31
ZC75028.T	139.23	0.802302	0.800414	ZC75064.T	139.59	0.813186	0.805001	ZC75100.T	139.95	0.802975	0.812538	ZC75136.T	140.31
ZC75028.T	139.23	0.792875	0.794471	ZC75064.T	139.59	0.80502	0.799969	ZC75100.T	139.95	0.795	0.803464	ZC75136.T	140.31
ZC75028.T	139.23	0.78345	0.78803	ZC75064.T	139.59	0.7968	0.796037	ZC75100.T	139.95	0.787433	0.793617	ZC75136.T	140.31
ZC75028.T	139.23	0.774209	0.781431	ZC75064.T	139.59	0.789309	0.793023	ZC75100.T	139.95	0.780503	0.783665	ZC75136.T	140.31
ZC75028.T	139.23	0.765468	0.775073	ZC75064.T	139.59	0.783131	0.790476	ZC75100.T	139.95	0.774266	0.774256	ZC75136.T	140.31
ZC75028.T	139.23	0.757634	0.769115	ZC75064.T	139.59	0.778403	0.78788	ZC75100.T	139.95	0.768583	0.765907	ZC75136.T	140.31
ZC75028.T	139.23	0.751048	0.763343	ZC75064.T	139.59	0.774812	0.784875	ZC75100.T	139.95	0.76319	0.758866	ZC75136.T	140.31
ZC75028.T	139.23	0.745824	0.757317	ZC75064.T	139.59	0.771812	0.781376	ZC75100.T	139.95	0.757857	0.753049	ZC75136.T	140.31
ZC75028.T	139.23	0.741776	0.750679	ZC75064.T	139.59	0.768901	0.777534	ZC75100.T	139.95	0.752537	0.748083	ZC75136.T	140.31
ZC75028.T	139.23	0.73849	0.743389	ZC75064.T	139.59	0.76578	0.773558	ZC75100.T	139.95	0.747389	0.743478	ZC75136.T	140.31
ZC75028.T	139.23	0.735455	0.735749	ZC75064.T	139.59	0.762335	0.769558	ZC75100.T	139.95	0.742665	0.73884	ZC75136.T	140.31
ZC75028.T	139.23	0.732205	0.728227	ZC75064.T	139.59	0.75853	0.765475	ZC75100.T	139.95	0.738528	0.734019	ZC75136.T	140.31
ZC75028.T	139.23	0.728415	0.721247	ZC75064.T	139.59	0.754308	0.761152	ZC75100.T	139.95	0.734935	0.729114	ZC75136.T	140.31
ZC75028.T	139.23	0.723943	0.715092	ZC75064.T	139.59	0.749606	0.756469	ZC75100.T	139.95	0.731684	0.724331	ZC75136.T	140.31
ZC75028.T	139.23	0.718862	0.709929	ZC75064.T	139.59	0.744457	0.751462	ZC75100.T	139.95	0.728533	0.719838	ZC75136.T	140.31
ZC75028.T	139.23	0.713431	0.705847	ZC75064.T	139.59	0.739062	0.746347	ZC75100.T	139.95	0.725323	0.715704	ZC75136.T	140.3

162	name.163	depth.163	RawTest1.163	RawTest2.163	name.164	depth.164	RawTest1.164	RawTest2.164	name.165	depth.165	RawTest1.165	RawTest2.165	name.166
	ZC82016.T	145.81	1.012163	0.998341	ZC82040.T	146.05	1.001817	1.010221	ZC82076.T	146.41	0.959388	0.960638	ZC82100.T
	ZC82016.T	145.81	1.009802	0.998785	ZC82040.T	146.05	1.003905	1.009649	ZC82076.T	146.41	0.959527	0.962634	ZC82100.T
	ZC82016.T	145.81	1.005518	0.999286	ZC82040.T	146.05	1.006736	1.009111	ZC82076.T	146.41	0.960705	0.966771	ZC82100.T
	ZC82016.T	145.81	1.001981	0.999445	ZC82040.T	146.05	1.007701	1.009345	ZC82076.T	146.41	0.963127	0.970734	ZC82100.T
	ZC82016.T	145.81	0.999338	0.999495	ZC82040.T	146.05	1.006926	1.010179	ZC82076.T	146.41	0.966683	0.973399	ZC82100.T
	ZC82016.T	145.81	0.997526	0.999648	ZC82040.T	146.05	1.004799	1.011248	ZC82076.T	146.41	0.971056	0.976158	ZC82100.T
	ZC82016.T	145.81	0.996244	0.999987	ZC82040.T	146.05	1.001868	1.012068	ZC82076.T	146.41	0.975804	0.977221	ZC82100.T
	ZC82016.T	145.81	0.994985	1.000405	ZC82040.T	146.05	0.998708	1.012169	ZC82076.T	146.41	0.980483	0.977757	ZC82100.T
	ZC82016.T	145.81	0.993194	1.000622	ZC82040.T	146.05	0.99581	1.011239	ZC82076.T	146.41	0.984749	0.977834	ZC82100.T
	ZC82016.T	145.81	0.99045	1.000244	ZC82040.T	146.05	0.993509	1.009247	ZC82076.T	146.41	0.988398	0.978546	ZC82100.T
	ZC82016.T	145.81	0.986616	0.998841	ZC82040.T	146.05	0.991945	1.006462	ZC82076.T	146.41	0.991314	0.979866	ZC82100.T
	ZC82016.T	145.81	0.981886	0.996064	ZC82040.T	146.05	0.991025	1.003333	ZC82076.T	146.41	0.993348	0.981512	ZC82100.T
	ZC82016.T	145.81	0.976703	0.991775	ZC82040.T	146.05	0.990404	1.000262	ZC82076.T	146.41	0.994208	0.982919	ZC82100.T
	ZC82016.T	145.81	0.9716	0.986157	ZC82040.T	146.05	0.989554	0.997363	ZC82076.T	146.41	0.993485	0.983542	ZC82100.T
	ZC82016.T	145.81	0.967028	0.979738	ZC82040.T	146.05	0.987909	0.994347	ZC82076.T	146.41	0.99073	0.983107	ZC82100.T
	ZC82016.T	145.81	0.963204	0.973267	ZC82040.T	146.05	0.985069	0.990592	ZC82076.T	146.41	0.985813	0.981657	ZC82100.T
	ZC82016.T	145.81	0.960054	0.967444	ZC82040.T	146.05	0.980923	0.985445	ZC82076.T	146.41	0.979096	0.979426	ZC82100.T
	ZC82016.T	145.81	0.957224	0.962615	ZC82040.T	146.05	0.975642	0.978587	ZC82076.T	146.41	0.971478	0.976638	ZC82100.T
	ZC82016.T	145.81	0.954213	0.958584	ZC82040.T	146.05	0.96955	0.970324	ZC82076.T	146.41	0.964127	0.973399	ZC82100.T
	ZC82016.T	145.81	0.950582	0.954679	ZC82040.T	146.05	0.962981	0.961627	ZC82076.T	146.41	0.958071	0.969725	ZC82100.T
	ZC82016.T	145.81	0.946162	0.950075	ZC82040.T	146.05	0.956279	0.95382	ZC82076.T	146.41	0.953763	0.965671	ZC82100.T
	ZC82016.T	145.81	0.941155	0.944179	ZC82040.T	146.05	0.9499	0.948082	ZC82076.T	146.41	0.950936	0.961423	ZC82100.T
	ZC82016.T	145.81	0.936042	0.936933	ZC82040.T	146.05	0.9445	0.944926	ZC82076.T	146.41	0.948778	0.957296	ZC82100.T
	ZC82016.T	145.81	0.931336	0.928885	ZC82040.T	146.05	0.940802	0.943989	ZC82076.T	146.41	0.946394	0.953608	ZC82100.T
	ZC82016.T	145.81	0.927392	0.920957	ZC82040.T	146.05	0.939267	0.944215	ZC82076.T	146.41	0.943217	0.950545	ZC82100.T
	ZC82016.T	145.81	0.924364	0.914078	ZC82040.T	146.05	0.939733	0.9443	ZC82076.T	146.41	0.93924	0.948013	ZC82100.T
	ZC82016.T	145.81	0.922322	0.908801	ZC82040.T	146.05	0.941288	0.943203	ZC82076.T	146.41	0.934923	0.945607	ZC82100.T
	ZC82016.T	145.81	0.921393	0.90513	ZC82040.T	146.05	0.942518	0.940478	ZC82076.T	146.41	0.930889	0.942751	ZC82100.T
	ZC82016.T	145.81	0.921729	0.902612	ZC82040.T	146.05	0.941982	0.936303	ZC82076.T	146.41	0.927592	0.938969	ZC82100.T
	ZC82016.T	145.81	0.92328	0.900576	ZC82040.T	146.05	0.938768	0.931284	ZC82076.T	146.41	0.925112	0.934158	ZC82100.T
	ZC82016.T	145.81	0.925495	0.898392	ZC82040.T	146.05	0.932798	0.92615	ZC82076.T	146.41	0.923148	0.928713	ZC82100.T
	ZC82016.T	145.81	0.92729	0.895685	ZC82040.T	146.05	0.924782	0.921448	ZC82076.T	146.41	0.92119	0.923365	ZC82100.T
	ZC82016.T	145.81	0.927383	0.892432	ZC82040.T	146.05	0.91589	0.917335	ZC82076.T	146.41	0.918758	0.918793	ZC82100.T
	ZC82016.T	145.81	0.924883	0.888879	ZC82040.T	146.05	0.907354	0.913538	ZC82076.T	146.41	0.915627	0.915226	ZC82100.T
	ZC82016.T	145.81	0.919754	0.885331	ZC82040.T	146.05	0.900178	0.909463	ZC82076.T	146.41	0.911194	0.912313	ZC82100.T
	ZC82016.T	145.81	0.912783	0.881907	ZC82040.T	146.05	0.894969	0.904479	ZC82076.T	146.41	0.908173	0.909361	ZC82100.T
	ZC82016.T	145.81	0.905115	0.878442	ZC82040.T	146.05	0.891905	0.898311	ZC82076.T	146.41	0.904914	0.905772	ZC82100.T
	ZC82016.T	145.81	0.897653	0.874599	ZC82040.T	146.05	0.890758	0.891318	ZC82076.T	146.41	0.902559	0.901405	ZC82100.T
	ZC82016.T	145.81	0.890668	0.870136	ZC82040.T	146.05	0.890946	0.884454	ZC82076.T	146.41	0.90108	0.896569	ZC82100.T
	ZC82016.T	145.81	0.883818	0.865139	ZC82040.T	146.05	0.891582	0.878817	ZC82076.T	146.41	0.89995	0.891695	ZC82100.T
	ZC82016.T	145.81	0.87651	0.860004	ZC82040.T	146.05	0.891615	0.874995	ZC82076.T	146.41	0.898303	0.886927	ZC82100.T
	ZC82016.T	145.81	0.868246	0.855144	ZC82040.T	146.05	0.890003	0.872638	ZC82076.T	146.41	0.895219	0.881964	ZC82100.T
	ZC82016.T	145.81	0.858809	0.850604	ZC82040.T	146.05	0.885959	0.870517	ZC82076.T	146.41	0.890034	0.876278	ZC82100.T
	ZC82016.T	145.81	0.848221	0.845873	ZC82040.T	146.05	0.879173	0.867118	ZC82076.T	146.41	0.882526	0.86956	ZC82100.T
	ZC82016.T	145.81	0.836609	0.840033	ZC82040.T	146.05	0.869928	0.861379	ZC82076.T	146.41	0.872939	0.862022	ZC82100.T
	ZC82016.T	145.81	0.824142	0.832244	ZC82040.T	146.05	0.859037	0.853142	ZC82076.T	146.41	0.861879	0.854281	ZC82100.T
	ZC82016.T	145.81	0.811052	0.822221	ZC82040.T	146.05	0.847585	0.843085	ZC82076.T	146.41	0.850169	0.846913	ZC82100.T
	ZC82016.T	145.81	0.797707	0.810456	ZC82040.T	146.05	0.836568	0.832256	ZC82076.T	146.41	0.838687	0.840039	ZC82100.T
	ZC82016.T	145.81	0.784639	0.798056	ZC82040.T	146.05	0.826576	0.821541	ZC82076.T	146.41	0.828173	0.833243	ZC82100.T
	ZC82016.T	145.81	0.772503	0.78628	ZC82040.T	146.05	0.817714	0.811451	ZC82076.T	146.41	0.819026	0.825892	ZC82100.T
	ZC82016.T	145.81	0.761954	0.776037	ZC82040.T	146.05	0.809773	0.802237	ZC82076.T	146.41	0.811207	0.817608	ZC82100.T
	ZC82016.T	145.81	0.753514	0.767624	ZC82040.T	146.05	0.802485	0.794148	ZC82076.T	146.41	0.804289	0.808577	ZC82100.T
	ZC82016.T	145.81	0.747441	0.760773	ZC82040.T	146.05	0.795706	0.78752	ZC82076.T	146.41	0.79766	0.799463	ZC82100.T
	ZC82016.T	145.81	0.743634	0.754895	ZC82040.T	146.05	0.789409	0.782601	ZC82076.T	146.41	0.790814	0.790996	ZC82100.T
	ZC82016.T	145.81	0.741596	0.749369	ZC82040.T	146.05	0.78355	0.779257	ZC82076.T	146.41	0.783595	0.783541	ZC82100.T
	ZC82016.T	145.81	0.740508	0.74377	ZC82040.T	146.05	0.777928	0.776841	ZC82076.T	146.41	0.776628	0.776938	ZC82100.T
	ZC82016.T	145.81	0.739453	0.737962	ZC82040.T	146.05	0.772193	0.774394	ZC82076.T	146.41	0.769384	0.770678	ZC82100.T
	ZC82016.T	145.81	0.737668	0.732079	ZC82040.T	146.05	0.76602	0.771038	ZC82076.T	146.41	0.763481	0.764301	ZC82100.T
	ZC82016.T	145.81	0.734736	0.726415	ZC82040.T	146.05	0.759317	0.76635	ZC82076.T	146.41	0.758798	0.757699	ZC82100.T
	ZC82016.T	145.81	0.730611	0.721273	ZC82040.T	146.05	0.752309	0.76043	ZC82076.T	146.41	0.755117	0.751165	ZC82100.T
	ZC82016.T	145.81	0.725526	0.716832	ZC82040.T	146.05	0.745432	0.753731	ZC82076.T	146.41	0.751815	0.745222	ZC82100.T
	ZC82016.T	145.81	0.719846	0.713029	ZC82040.T	146.05	0.739108	0.74677	ZC82076.T	146.41	0.748142	0.740357	ZC82100.T
	ZC82016.T	145.81	0.713944	0.709528	ZC82040.T	146.05	0.733536	0.739882	ZC82076.T	146.41	0.74359	0.736813	ZC82100.T
	ZC82016.T	145.81	0.708153	0.705804	ZC82040.T	146.05	0.728616	0.733145	ZC82076.T	146.41	0.738153	0.73448	ZC82100.T
	ZC82016.T	145.81	0.702761	0.701348	ZC82040.T	146.05	0.724012	0.726408	ZC82076.T	146.41	0.732323	0.732865	ZC82100.T
	ZC82016.T	145.81	0.698001	0.695918	ZC82040.T	146.05	0.719305	0.71939	ZC82076.T	146.41	0.726817	0.731201	ZC82100.T
	ZC82016.T	145.81	0.693969	0.689691	ZC82040.T	146.05	0.714133	0.7118	ZC82076.T	146.41	0.722167	0.728662	ZC82100.T
	ZC82016.T	145.81	0.690512	0.683227	ZC82040.T	146.05	0.708288	0.703481	ZC82076.T	146.41	0.718439	0.724721	ZC82100.T
	ZC82016.T	145.81	0.687192	0.677237	ZC82040.T	146.05	0.70177	0.694549	ZC82076.T	146.41	0.715226	0.719422	ZC82100.T
	ZC82016.T	145.81	0.683461	0.672255	ZC82040.T	146.05	0.694848	0.685486	ZC82076.T	146.41	0.711943	0.713445	ZC82100.T
	ZC82016.T	145.81	0.678921	0.668399	ZC82040.T	146.05	0.68805	0.67708	ZC82076.T	146.41	0.708244	0.707824	ZC82100.T
	ZC82016.T	145.81	0.673537	0.665432	ZC82040.T	146.05	0.682003	0.670178	ZC82076.T	146.41	0.704264	0.703499	ZC82100.T
	ZC82016.T	145.81	0.667562	0.663157	ZC82040.T	146.05	0.677095	0.665382	ZC82076.T	146.41	0.70051	0.70	

depth.166	RawTest1.166	RawTest2.166	name.167	depth.167	RawTest1.167	RawTest2.167	name.168	depth.168	RawTest1.168	RawTest2.168	name.169	depth.169	RawTest1.169
146.65	0.985698	0.97992	ZC82124.T	146.89	0.989117	1.007783	ZC82136.T	147.01	1.013028	0.975883	ZC82148.T	147.13	0.998408
146.65	0.985783	0.981065	ZC82124.T	146.89	0.991254	1.008473	ZC82136.T	147.01	1.010926	0.976806	ZC82148.T	147.13	0.997644
146.65	0.985238	0.983178	ZC82124.T	146.89	0.995563	1.009345	ZC82136.T	147.01	1.006343	0.978911	ZC82148.T	147.13	0.995787
146.65	0.983749	0.984929	ZC82124.T	146.89	0.999804	1.009443	ZC82136.T	147.01	1.001448	0.98132	ZC82148.T	147.13	0.993665
146.65	0.981594	0.986045	ZC82124.T	146.89	1.003718	1.008743	ZC82136.T	147.01	0.996684	0.983822	ZC82148.T	147.13	0.991649
146.65	0.979232	0.986213	ZC82124.T	146.89	1.006932	1.007391	ZC82136.T	147.01	0.992614	0.986059	ZC82148.T	147.13	0.990176
146.65	0.977173	0.985176	ZC82124.T	146.89	1.009071	1.005664	ZC82136.T	147.01	0.989717	0.987596	ZC82148.T	147.13	0.989567
146.65	0.975818	0.982862	ZC82124.T	146.89	1.009889	1.0039	ZC82136.T	147.01	0.988184	0.988043	ZC82148.T	147.13	0.989858
146.65	0.975351	0.979451	ZC82124.T	146.89	1.009373	1.002371	ZC82136.T	147.01	0.987809	0.987185	ZC82148.T	147.13	0.990706
146.65	0.975656	0.975365	ZC82124.T	146.89	1.007734	1.00117	ZC82136.T	147.01	0.988049	0.985092	ZC82148.T	147.13	0.991442
146.65	0.976394	0.971181	ZC82124.T	146.89	1.00531	1.00013	ZC82136.T	147.01	0.988246	0.982146	ZC82148.T	147.13	0.991237
146.65	0.977024	0.967481	ZC82124.T	146.89	1.002397	0.998848	ZC82136.T	147.01	0.987885	0.978972	ZC82148.T	147.13	0.989362
146.65	0.97698	0.964736	ZC82124.T	146.89	0.999105	0.996818	ZC82136.T	147.01	0.986719	0.976274	ZC82148.T	147.13	0.985425
146.65	0.975871	0.963211	ZC82124.T	146.89	0.995312	0.993684	ZC82136.T	147.01	0.984803	0.974635	ZC82148.T	147.13	0.979498
146.65	0.973643	0.962915	ZC82124.T	146.89	0.990773	0.989478	ZC82136.T	147.01	0.982311	0.974301	ZC82148.T	147.13	0.972086
146.65	0.970613	0.963597	ZC82124.T	146.89	0.985319	0.984701	ZC82136.T	147.01	0.979335	0.975067	ZC82148.T	147.13	0.963911
146.65	0.967325	0.964776	ZC82124.T	146.89	0.979048	0.980168	ZC82136.T	147.01	0.975831	0.976306	ZC82148.T	147.13	0.955624
146.65	0.964264	0.9658	ZC82124.T	146.89	0.972404	0.976643	ZC82136.T	147.01	0.971712	0.977158	ZC82148.T	147.13	0.94757
146.65	0.961584	0.965965	ZC82124.T	146.89	0.966073	0.974429	ZC82136.T	147.01	0.967063	0.976844	ZC82148.T	147.13	0.939723
146.65	0.959023	0.964653	ZC82124.T	146.89	0.960759	0.973217	ZC82136.T	147.01	0.962307	0.97495	ZC82148.T	147.13	0.931838
146.65	0.956024	0.961461	ZC82124.T	146.89	0.956937	0.97228	ZC82136.T	147.01	0.958148	0.97157	ZC82148.T	147.13	0.923729
146.65	0.951973	0.956311	ZC82124.T	146.89	0.954687	0.970916	ZC82136.T	147.01	0.955293	0.967253	ZC82148.T	147.13	0.915509
146.65	0.946463	0.949514	ZC82124.T	146.89	0.953674	0.968878	ZC82136.T	147.01	0.954048	0.962774	ZC82148.T	147.13	0.907647
146.65	0.939473	0.941736	ZC82124.T	146.89	0.953304	0.966481	ZC82136.T	147.01	0.954065	0.958847	ZC82148.T	147.13	0.900826
146.65	0.931456	0.933866	ZC82124.T	146.89	0.952961	0.964344	ZC82136.T	147.01	0.954435	0.95588	ZC82148.T	147.13	0.895654
146.65	0.923295	0.926778	ZC82124.T	146.89	0.952254	0.962898	ZC82136.T	147.01	0.95413	0.95389	ZC82148.T	147.13	0.892358
146.65	0.916096	0.921127	ZC82124.T	146.89	0.951117	0.961972	ZC82136.T	147.01	0.952528	0.952576	ZC82148.T	147.13	0.890613
146.65	0.910782	0.917202	ZC82124.T	146.89	0.949736	0.960781	ZC82136.T	147.01	0.949771	0.951514	ZC82148.T	147.13	0.889588
146.65	0.907685	0.914885	ZC82124.T	146.89	0.948348	0.958305	ZC82136.T	147.01	0.94667	0.950371	ZC82148.T	147.13	0.888263
146.65	0.906326	0.913717	ZC82124.T	146.89	0.947026	0.953887	ZC82136.T	147.01	0.944196	0.949018	ZC82148.T	147.13	0.885803
146.65	0.905569	0.913072	ZC82124.T	146.89	0.945598	0.947659	ZC82136.T	147.01	0.942863	0.947515	ZC82148.T	147.13	0.881938
146.65	0.90416	0.912376	ZC82124.T	146.89	0.943706	0.940552	ZC82136.T	147.01	0.942305	0.945958	ZC82148.T	147.13	0.877069
146.65	0.901335	0.911271	ZC82124.T	146.89	0.940999	0.933911	ZC82136.T	147.01	0.941429	0.944346	ZC82148.T	147.13	0.872076
146.65	0.897137	0.909675	ZC82124.T	146.89	0.937308	0.92889	ZC82136.T	147.01	0.939006	0.942559	ZC82148.T	147.13	0.867849
146.65	0.892256	0.907687	ZC82124.T	146.89	0.932711	0.925909	ZC82136.T	147.01	0.934416	0.940406	ZC82148.T	147.13	0.864802
146.65	0.887542	0.905401	ZC82124.T	146.89	0.927445	0.924453	ZC82136.T	147.01	0.927981	0.937702	ZC82148.T	147.13	0.862619
146.65	0.883567	0.902767	ZC82124.T	146.89	0.921733	0.923299	ZC82136.T	147.01	0.920727	0.93431	ZC82148.T	147.13	0.86043
146.65	0.880429	0.899579	ZC82124.T	146.89	0.915683	0.921084	ZC82136.T	147.01	0.913717	0.930131	ZC82148.T	147.13	0.857323
146.65	0.877852	0.895577	ZC82124.T	146.89	0.909307	0.916845	ZC82136.T	147.01	0.907439	0.925105	ZC82148.T	147.13	0.852872
146.65	0.875359	0.89062	ZC82124.T	146.89	0.902638	0.910358	ZC82136.T	147.01	0.901597	0.919254	ZC82148.T	147.13	0.847318
146.65	0.872451	0.88476	ZC82124.T	146.89	0.895804	0.902085	ZC82136.T	147.01	0.895449	0.912703	ZC82148.T	147.13	0.841325
146.65	0.868399	0.878182	ZC82124.T	146.89	0.888979	0.892824	ZC82136.T	147.01	0.888394	0.905647	ZC82148.T	147.13	0.835465
146.65	0.862522	0.871048	ZC82124.T	146.89	0.88225	0.883303	ZC82136.T	147.01	0.880383	0.898233	ZC82148.T	147.13	0.829824
146.65	0.854347	0.86333	ZC82124.T	146.89	0.875519	0.873895	ZC82136.T	147.01	0.871925	0.890453	ZC82148.T	147.13	0.823955
146.65	0.843997	0.854782	ZC82124.T	146.89	0.868512	0.864577	ZC82136.T	147.01	0.863728	0.882135	ZC82148.T	147.13	0.817212
146.65	0.832324	0.845122	ZC82124.T	146.89	0.860906	0.855107	ZC82136.T	147.01	0.856278	0.873121	ZC82148.T	147.13	0.809218
146.65	0.82071	0.834315	ZC82124.T	146.89	0.852492	0.845273	ZC82136.T	147.01	0.849636	0.863504	ZC82148.T	147.13	0.800142
146.65	0.810489	0.822746	ZC82124.T	146.89	0.843281	0.835104	ZC82136.T	147.01	0.84355	0.853761	ZC82148.T	147.13	0.790613
146.65	0.802353	0.811129	ZC82124.T	146.89	0.833532	0.824924	ZC82136.T	147.01	0.837697	0.844634	ZC82148.T	147.13	0.781385
146.65	0.796054	0.800217	ZC82124.T	146.89	0.823694	0.815222	ZC82136.T	147.01	0.831878	0.836828	ZC82148.T	147.13	0.772977
146.65	0.790609	0.790517	ZC82124.T	146.89	0.814273	0.806415	ZC82136.T	147.01	0.826036	0.83067	ZC82148.T	147.13	0.765523
146.65	0.784851	0.782162	ZC82124.T	146.89	0.805696	0.798655	ZC82136.T	147.01	0.82016	0.825949	ZC82148.T	147.13	0.758836
146.65	0.778011	0.77499	ZC82124.T	146.89	0.798168	0.791778	ZC82136.T	147.01	0.814218	0.822009	ZC82148.T	147.13	0.752587
146.65	0.769981	0.768754	ZC82124.T	146.89	0.791615	0.785416	ZC82136.T	147.01	0.808176	0.81805	ZC82148.T	147.13	0.746462
146.65	0.761217	0.7633	ZC82124.T	146.89	0.785727	0.779192	ZC82136.T	147.01	0.802059	0.813421	ZC82148.T	147.13	0.740214
146.65	0.75244	0.758597	ZC82124.T	146.89	0.780096	0.772936	ZC82136.T	147.01	0.795974	0.807807	ZC82148.T	147.13	0.733704
146.65	0.744332	0.754629	ZC82124.T	146.89	0.774422	0.766768	ZC82136.T	147.01	0.790071	0.80125	ZC82148.T	147.13	0.726916
146.65	0.73732	0.751251	ZC82124.T	146.89	0.768638	0.761035	ZC82136.T	147.01	0.784456	0.794062	ZC82148.T	147.13	0.719979
146.65	0.731511	0.748131	ZC82124.T	146.89	0.762912	0.756111	ZC82136.T	147.01	0.779132	0.786692	ZC82148.T	147.13	0.713106
146.65	0.726747	0.744848	ZC82124.T	146.89	0.7575	0.752214	ZC82136.T	147.01	0.773998	0.779572	ZC82148.T	147.13	0.70652
146.65	0.722706	0.741068	ZC82124.T	146.89	0.752552	0.749308	ZC82136.T	147.01	0.768917	0.773006	ZC82148.T	147.13	0.70039
146.65	0.719015	0.736683	ZC82124.T	146.89	0.748006	0.747103	ZC82136.T	147.01	0.763802	0.767109	ZC82148.T	147.13	0.694872
146.65	0.71537	0.731828	ZC82124.T	146.89	0.743631	0.745098	ZC82136.T	147.01	0.758646	0.761816	ZC82148.T	147.13	0.690164
146.65	0.711614	0.726777	ZC82124.T	146.89	0.739146	0.74264	ZC82136.T	147.01	0.753473	0.756935	ZC82148.T	147.13	0.68652
146.65	0.707763	0.721785	ZC82124.T	146.89	0.734312	0.73905	ZC82136.T	147.01	0.748285	0.752202	ZC82148.T	147.13	0.684153
146.65	0.703939	0.716981	ZC82124.T	146.89	0.728954	0.733845	ZC82136.T	147.01	0.743039	0.747363	ZC82148.T	147.13	0.683074
146.65	0.700284	0.712337	ZC82124.T	146.89	0.722938	0.72696	ZC82136.T	147.01	0.737698	0.742251	ZC82148.T	147.13	0.682944
146.65	0.696883	0.707698	ZC82124.T	146.89	0.71621	0.718846	ZC82136.T	147.01	0.732303	0.736866	ZC82148.T	147.13	0.683074
146.65	0.693765	0.702852	ZC82124.T	146.89	0.708896	0.71033	ZC82136.T	147.01	0.726986	0.731381	ZC82148.T	147.13	0.682646
146.65	0.690958	0.697626	ZC82124.T	146.89	0.701415	0.702301	ZC82136.T						

RawTest2.169	name.170	depth.170	RawTest1.169	RawTest2.170	name.171	depth.171	RawTest1.171	RawTest2.171	name.172	depth.172	RawTest1.172	RawTest2.172
0.968475	ZC83028.T	147.43	0.987666	1.004517	ZC83064.T	147.79	1.008072	1.004935	ZC83078.T	147.92	1.007455	0.979446
0.969718	ZC83028.T	147.43	0.986782	1.003932	ZC83064.T	147.79	1.008192	1.005981	ZC83078.T	147.92	1.007616	0.981525
0.972532	ZC83028.T	147.43	0.985583	1.002323	ZC83064.T	147.79	1.007044	1.007033	ZC83078.T	147.92	1.008037	0.98499
0.975354	ZC83028.T	147.43	0.985132	1.000206	ZC83064.T	147.79	1.004077	1.006399	ZC83078.T	147.92	1.008521	0.987617
0.977542	ZC83028.T	147.43	0.985343	0.997823	ZC83064.T	147.79	0.999629	1.003843	ZC83078.T	147.92	1.008975	0.98944
0.97858	ZC83028.T	147.43	0.986033	0.995548	ZC83064.T	147.79	0.994394	0.999452	ZC83078.T	147.92	1.009292	0.990521
0.978347	ZC83028.T	147.43	0.986928	0.993764	ZC83064.T	147.79	0.989263	0.993673	ZC83078.T	147.92	1.009355	0.990959
0.977243	ZC83028.T	147.43	0.987676	0.992704	ZC83064.T	147.79	0.985124	0.987229	ZC83078.T	147.92	1.009017	0.990919
0.976074	ZC83028.T	147.43	0.987883	0.992326	ZC83064.T	147.79	0.982604	0.980947	ZC83078.T	147.92	1.008087	0.990637
0.975717	ZC83028.T	147.43	0.987203	0.992291	ZC83064.T	147.79	0.981871	0.975547	ZC83078.T	147.92	1.006326	0.990354
0.976714	ZC83028.T	147.43	0.985452	0.992114	ZC83064.T	147.79	0.982523	0.971462	ZC83078.T	147.92	1.00348	0.990187
0.978979	ZC83028.T	147.43	0.9827	0.9914	ZC83064.T	147.79	0.983727	0.968764	ZC83078.T	147.92	0.999348	0.99
0.981736	ZC83028.T	147.43	0.97927	0.990067	ZC83064.T	147.79	0.984358	0.967188	ZC83078.T	147.92	0.993916	0.989395
0.983717	ZC83028.T	147.43	0.975641	0.988408	ZC83064.T	147.79	0.983398	0.966232	ZC83078.T	147.92	0.98746	0.98784
0.983562	ZC83028.T	147.43	0.972271	0.98692	ZC83064.T	147.79	0.980262	0.965311	ZC83078.T	147.92	0.980558	0.984944
0.980233	ZC83028.T	147.43	0.969491	0.986012	ZC83064.T	147.79	0.975047	0.963907	ZC83078.T	147.92	0.973924	0.980714
0.97333	ZC83028.T	147.43	0.967505	0.985717	ZC83064.T	147.79	0.968478	0.961683	ZC83078.T	147.92	0.968147	0.975665
0.963261	ZC83028.T	147.43	0.966457	0.985602	ZC83064.T	147.79	0.961619	0.958545	ZC83078.T	147.92	0.963419	0.970675
0.95119	ZC83028.T	147.43	0.966508	0.984963	ZC83064.T	147.79	0.955413	0.954647	ZC83078.T	147.92	0.959455	0.966661
0.93878	ZC83028.T	147.43	0.967765	0.983171	ZC83064.T	147.79	0.950332	0.950321	ZC83078.T	147.92	0.955701	0.964202
0.927714	ZC83028.T	147.43	0.970133	0.980009	ZC83064.T	147.79	0.946288	0.94593	ZC83078.T	147.92	0.951699	0.963336
0.919198	ZC83028.T	147.43	0.973155	0.975771	ZC83064.T	147.79	0.942824	0.941705	ZC83078.T	147.92	0.947402	0.963583
0.913552	ZC83028.T	147.43	0.976014	0.971058	ZC83064.T	147.79	0.939433	0.937643	ZC83078.T	147.92	0.943218	0.964174
0.910135	ZC83028.T	147.43	0.977715	0.96643	ZC83064.T	147.79	0.935786	0.933544	ZC83078.T	147.92	0.939741	0.96436
0.907709	ZC83028.T	147.43	0.97746	0.962129	ZC83064.T	147.79	0.931774	0.92919	ZC83078.T	147.92	0.937374	0.963603
0.905057	ZC83028.T	147.43	0.974957	0.958026	ZC83064.T	147.79	0.927388	0.924549	ZC83078.T	147.92	0.936097	0.961617
0.901548	ZC83028.T	147.43	0.970543	0.953805	ZC83064.T	147.79	0.922591	0.919842	ZC83078.T	147.92	0.935497	0.958297
0.897325	ZC83028.T	147.43	0.964984	0.949238	ZC83064.T	147.79	0.917327	0.915404	ZC83078.T	147.92	0.935002	0.953678
0.893031	ZC83028.T	147.43	0.959121	0.944347	ZC83064.T	147.79	0.911651	0.911485	ZC83078.T	147.92	0.934181	0.947939
0.889269	ZC83028.T	147.43	0.953527	0.939354	ZC83064.T	147.79	0.905842	0.908162	ZC83078.T	147.92	0.932901	0.941419
0.88617	ZC83028.T	147.43	0.948359	0.934536	ZC83064.T	147.79	0.900427	0.905376	ZC83078.T	147.92	0.931283	0.934555
0.883312	ZC83028.T	147.43	0.943453	0.930102	ZC83064.T	147.79	0.896028	0.903071	ZC83078.T	147.92	0.929515	0.927724
0.880027	ZC83028.T	147.43	0.938532	0.92616	ZC83064.T	147.79	0.893112	0.901235	ZC83078.T	147.92	0.927624	0.921095
0.875828	ZC83028.T	147.43	0.933364	0.922761	ZC83064.T	147.79	0.89177	0.899805	ZC83078.T	147.92	0.92534	0.914576
0.870717	ZC83028.T	147.43	0.927823	0.919947	ZC83064.T	147.79	0.891647	0.898493	ZC83078.T	147.92	0.922156	0.907902
0.865202	ZC83028.T	147.43	0.921869	0.917723	ZC83064.T	147.79	0.892031	0.896743	ZC83078.T	147.92	0.917603	0.900847
0.86002	ZC83028.T	147.43	0.915605	0.91594	ZC83064.T	147.79	0.89205	0.893909	ZC83078.T	147.92	0.911569	0.893421
0.855758	ZC83028.T	147.43	0.909342	0.91421	ZC83064.T	147.79	0.890872	0.889559	ZC83078.T	147.92	0.904451	0.885916
0.852566	ZC83028.T	147.43	0.903598	0.91198	ZC83064.T	147.79	0.88791	0.883695	ZC83078.T	147.92	0.897021	0.878774
0.850067	ZC83028.T	147.43	0.898893	0.908746	ZC83064.T	147.79	0.882941	0.876712	ZC83078.T	147.92	0.890045	0.872366
0.847523	ZC83028.T	147.43	0.89539	0.904257	ZC83064.T	147.79	0.87612	0.869125	ZC83078.T	147.92	0.883847	0.866766
0.844071	ZC83028.T	147.43	0.892613	0.898581	ZC83064.T	147.79	0.867888	0.861296	ZC83078.T	147.92	0.87813	0.861646
0.839031	ZC83028.T	147.43	0.889483	0.891978	ZC83064.T	147.79	0.858817	0.853321	ZC83078.T	147.92	0.872095	0.856336
0.832099	ZC83028.T	147.43	0.884748	0.884684	ZC83064.T	147.79	0.849378	0.845125	ZC83078.T	147.92	0.864793	0.850042
0.823432	ZC83028.T	147.43	0.877628	0.876775	ZC83064.T	147.79	0.839801	0.836643	ZC83078.T	147.92	0.85555	0.84216
0.81358	ZC83028.T	147.43	0.868239	0.868224	ZC83064.T	147.79	0.830062	0.827949	ZC83078.T	147.92	0.844225	0.832506
0.803303	ZC83028.T	147.43	0.857548	0.859067	ZC83064.T	147.79	0.820049	0.819256	ZC83078.T	147.92	0.831223	0.821396
0.793334	ZC83028.T	147.43	0.846842	0.849548	ZC83064.T	147.79	0.809794	0.810836	ZC83078.T	147.92	0.817316	0.809537
0.784183	ZC83028.T	147.43	0.837068	0.840075	ZC83064.T	147.79	0.799626	0.802938	ZC83078.T	147.92	0.803368	0.797747
0.776028	ZC83028.T	147.43	0.828454	0.831028	ZC83064.T	147.79	0.790118	0.79574	ZC83078.T	147.92	0.790094	0.786651
0.768765	ZC83028.T	147.43	0.82063	0.822573	ZC83064.T	147.79	0.781837	0.789314	ZC83078.T	147.92	0.777888	0.776483
0.762163	ZC83028.T	147.43	0.813064	0.814662	ZC83064.T	147.79	0.77506	0.783619	ZC83078.T	147.92	0.766798	0.767099
0.756041	ZC83028.T	147.43	0.805501	0.807193	ZC83064.T	147.79	0.769634	0.778549	ZC83078.T	147.92	0.75661	0.758155
0.750358	ZC83028.T	147.43	0.798097	0.800163	ZC83064.T	147.79	0.765046	0.773993	ZC83078.T	147.92	0.747009	0.749301
0.745136	ZC83028.T	147.43	0.791266	0.793659	ZC83064.T	147.79	0.760644	0.76986	ZC83078.T	147.92	0.737763	0.740306
0.740314	ZC83028.T	147.43	0.785369	0.787704	ZC83064.T	147.79	0.75589	0.766034	ZC83078.T	147.92	0.728834	0.731075
0.73563	ZC83028.T	147.43	0.780482	0.78207	ZC83064.T	147.79	0.750498	0.762273	ZC83078.T	147.92	0.720367	0.721602
0.730656	ZC83028.T	147.43	0.776354	0.776301	ZC83064.T	147.79	0.744447	0.75819	ZC83078.T	147.92	0.712572	0.711925
0.724988	ZC83028.T	147.43	0.772543	0.76999	ZC83064.T	147.79	0.73796	0.753352	ZC83078.T	147.92	0.705565	0.702144
0.71851	ZC83028.T	147.43	0.76861	0.763108	ZC83064.T	147.79	0.731458	0.747532	ZC83078.T	147.92	0.699282	0.692473
0.711527	ZC83028.T	147.43	0.764288	0.756131	ZC83064.T	147.79	0.725481	0.740942	ZC83078.T	147.92	0.693466	0.683262
0.704704	ZC83028.T	147.43	0.759547	0.749819	ZC83064.T	147.79	0.720501	0.734262	ZC83078.T	147.92	0.687743	0.674907
0.69883	ZC83028.T	147.43	0.754528	0.744824	ZC83064.T	147.79	0.716727	0.728366	ZC83078.T	147.92	0.681755	0.667674
0.694511	ZC83028.T	147.43	0.749423	0.741323	ZC83064.T	147.79	0.713924	0.723891	ZC83078.T	147.92	0.675278	0.66157
0.691908	ZC83028.T	147.43	0.744369	0.738915	ZC83064.T	147.79	0.711435	0.720833	ZC83078.T	147.92	0.6683	0.656348
0.690621	ZC83028.T	147.43	0.739421	0.736808	ZC83064.T	147.79	0.708436	0.718488	ZC83078.T	147.92	0.660993	0.651648
0.689769	ZC83028.T	147.43	0.734598	0.734191	ZC83064.T	147.79	0.704299	0.715765	ZC83078.T	147.92	0.653574	0.647199
0.688279	ZC83028.T	147.43	0.729945	0.730554	ZC83064.T	147.79	0.698869	0.711704	ZC83078.T	147.92	0.646167	0.642906
0.685272	ZC83028.T	147.43	0.72556	0.725846	ZC83064.T	147.79	0.692491	0.705979	ZC83078.T	147.92	0.638752	0.638873
0.680416	ZC83028.T	147.43	0.721537	0.720401	ZC83064.T	147.79	0.68581	0.699052	ZC83078.T	147.92	0.631243	0.635155
0.674083	ZC83028.T	147.43	0.717866	0.714721	ZC83064.T	147.79	0.679497	0.691935	ZC83078.T	147.92	0.623617	0.631643
0.667203	ZC83028.T	147.43	0.714317	0.709281	ZC83064.T	147.79	0.674054	0.685648	ZC83078.T	147.92	0.616019	0.628008
0.660848	ZC83028.T	147.43	0.710388	0.704445	ZC83064.T	147.79	0.669729	0.680711	ZC83078.T	147.92	0.608817	0.623376
0.655774	ZC83028.T	147.43	0.705372	0.700541	ZC83064.T	147.79	0.666555	0.676849	ZC83078.T	147.92	0.60259	0.618406
0.652115	ZC83028.T	147.43	0.698522	0.6								

name.173	depth.173	RawTest1.	RawTest2.173	name.174	depth.174	RawTest1.	RawTest2.174	name.175	depth.175	RawTest1.	RawTest2.175	name.176	depth.176
ZC83088.T	148.03	0.998508	0.990993	ZC83124.T	148.39	1.025575	0.973133	ZC84004.T	148.69	0.988122	0.986477	ZC84028.T	148.93
ZC83088.T	148.03	0.998429	0.991689	ZC83124.T	148.39	1.024605	0.973651	ZC84004.T	148.69	0.990066	0.986298	ZC84028.T	148.93
ZC83088.T	148.03	0.998344	0.992928	ZC83124.T	148.39	1.022591	0.975619	ZC84004.T	148.69	0.994236	0.986504	ZC84028.T	148.93
ZC83088.T	148.03	0.998369	0.994013	ZC83124.T	148.39	1.020576	0.978729	ZC84004.T	148.69	0.998432	0.987679	ZC84028.T	148.93
ZC83088.T	148.03	0.998389	0.994971	ZC83124.T	148.39	1.018695	0.982541	ZC84004.T	148.69	1.002101	0.989986	ZC84028.T	148.93
ZC83088.T	148.03	0.998127	0.995796	ZC83124.T	148.39	1.016986	0.986312	ZC84004.T	148.69	1.004624	0.993326	ZC84028.T	148.93
ZC83088.T	148.03	0.997235	0.996443	ZC83124.T	148.39	1.015277	0.989204	ZC84004.T	148.69	1.00546	0.997267	ZC84028.T	148.93
ZC83088.T	148.03	0.995455	0.99687	ZC83124.T	148.39	1.013177	0.990582	ZC84004.T	148.69	1.004336	1.001071	ZC84028.T	148.93
ZC83088.T	148.03	0.992787	0.997071	ZC83124.T	148.39	1.010155	0.990242	ZC84004.T	148.69	1.00122	1.003838	ZC84028.T	148.93
ZC83088.T	148.03	0.989605	0.997092	ZC83124.T	148.39	1.005755	0.988478	ZC84004.T	148.69	0.996466	1.004755	ZC84028.T	148.93
ZC83088.T	148.03	0.986588	0.997019	ZC83124.T	148.39	0.999824	0.985896	ZC84004.T	148.69	0.990713	1.003374	ZC84028.T	148.93
ZC83088.T	148.03	0.984512	0.996915	ZC83124.T	148.39	0.992624	0.983082	ZC84004.T	148.69	0.984792	0.999771	ZC84028.T	148.93
ZC83088.T	148.03	0.983928	0.996741	ZC83124.T	148.39	0.984759	0.980303	ZC84004.T	148.69	0.979549	0.994515	ZC84028.T	148.93
ZC83088.T	148.03	0.984896	0.996314	ZC83124.T	148.39	0.976911	0.97741	ZC84004.T	148.69	0.975664	0.98846	ZC84028.T	148.93
ZC83088.T	148.03	0.986889	0.995318	ZC83124.T	148.39	0.969528	0.974001	ZC84004.T	148.69	0.973497	0.982408	ZC84028.T	148.93
ZC83088.T	148.03	0.988953	0.993394	ZC83124.T	148.39	0.962646	0.969731	ZC84004.T	148.69	0.97303	0.976911	ZC84028.T	148.93
ZC83088.T	148.03	0.990072	0.990234	ZC83124.T	148.39	0.955961	0.964587	ZC84004.T	148.69	0.973871	0.972259	ZC84028.T	148.93
ZC83088.T	148.03	0.989522	0.985688	ZC83124.T	148.39	0.949099	0.958931	ZC84004.T	148.69	0.975315	0.968661	ZC84028.T	148.93
ZC83088.T	148.03	0.987122	0.979834	ZC83124.T	148.39	0.941951	0.953322	ZC84004.T	148.69	0.97649	0.966398	ZC84028.T	148.93
ZC83088.T	148.03	0.98323	0.973023	ZC83124.T	148.39	0.934811	0.948227	ZC84004.T	148.69	0.976558	0.965783	ZC84028.T	148.93
ZC83088.T	148.03	0.978508	0.965891	ZC83124.T	148.39	0.928254	0.9438	ZC84004.T	148.69	0.975002	0.966866	ZC84028.T	148.93
ZC83088.T	148.03	0.973581	0.959288	ZC83124.T	148.39	0.922817	0.939859	ZC84004.T	148.69	0.971816	0.969111	ZC84028.T	148.93
ZC83088.T	148.03	0.968751	0.954064	ZC83124.T	148.39	0.918662	0.936029	ZC84004.T	148.69	0.967516	0.971361	ZC84028.T	148.93
ZC83088.T	148.03	0.963956	0.95081	ZC83124.T	148.39	0.915499	0.931966	ZC84004.T	148.69	0.962863	0.972215	ZC84028.T	148.93
ZC83088.T	148.03	0.958975	0.949637	ZC83124.T	148.39	0.912763	0.9275	ZC84004.T	148.69	0.958461	0.970675	ZC84028.T	148.93
ZC83088.T	148.03	0.953735	0.950093	ZC83124.T	148.39	0.90991	0.922658	ZC84004.T	148.69	0.954447	0.966569	ZC84028.T	148.93
ZC83088.T	148.03	0.948517	0.951301	ZC83124.T	148.39	0.906612	0.917559	ZC84004.T	148.69	0.950456	0.960517	ZC84028.T	148.93
ZC83088.T	148.03	0.943909	0.952298	ZC83124.T	148.39	0.902759	0.912275	ZC84004.T	148.69	0.945911	0.953464	ZC84028.T	148.93
ZC83088.T	148.03	0.940496	0.952354	ZC83124.T	148.39	0.899357	0.906769	ZC84004.T	148.69	0.940436	0.946144	ZC84028.T	148.93
ZC83088.T	148.03	0.93853	0.951155	ZC83124.T	148.39	0.893456	0.900954	ZC84004.T	148.69	0.934174	0.93885	ZC84028.T	148.93
ZC83088.T	148.03	0.937733	0.948752	ZC83124.T	148.39	0.888147	0.894807	ZC84004.T	148.69	0.927788	0.931625	ZC84028.T	148.93
ZC83088.T	148.03	0.937379	0.945352	ZC83124.T	148.39	0.882559	0.888435	ZC84004.T	148.69	0.92213	0.924625	ZC84028.T	148.93
ZC83088.T	148.03	0.936579	0.941121	ZC83124.T	148.39	0.876799	0.882067	ZC84004.T	148.69	0.917787	0.918287	ZC84028.T	148.93
ZC83088.T	148.03	0.93458	0.936106	ZC83124.T	148.39	0.87093	0.875963	ZC84004.T	148.69	0.91478	0.913121	ZC84028.T	148.93
ZC83088.T	148.03	0.930937	0.930289	ZC83124.T	148.39	0.865061	0.870314	ZC84004.T	148.69	0.912551	0.909277	ZC84028.T	148.93
ZC83088.T	148.03	0.925576	0.923728	ZC83124.T	148.39	0.859475	0.86519	ZC84004.T	148.69	0.91029	0.906278	ZC84028.T	148.93
ZC83088.T	148.03	0.918772	0.916659	ZC83124.T	148.39	0.854635	0.860568	ZC84004.T	148.69	0.907323	0.903219	ZC84028.T	148.93
ZC83088.T	148.03	0.911106	0.909504	ZC83124.T	148.39	0.850948	0.85639	ZC84004.T	148.69	0.903445	0.899268	ZC84028.T	148.93
ZC83088.T	148.03	0.903369	0.902754	ZC83124.T	148.39	0.848391	0.852598	ZC84004.T	148.69	0.898932	0.894171	ZC84028.T	148.93
ZC83088.T	148.03	0.896369	0.896786	ZC83124.T	148.39	0.846258	0.849086	ZC84004.T	148.69	0.894233	0.888342	ZC84028.T	148.93
ZC83088.T	148.03	0.890592	0.891714	ZC83124.T	148.39	0.843292	0.845617	ZC84004.T	148.69	0.889515	0.882472	ZC84028.T	148.93
ZC83088.T	148.03	0.885956	0.887332	ZC83124.T	148.39	0.838193	0.84181	ZC84004.T	148.69	0.884405	0.876952	ZC84028.T	148.93
ZC83088.T	148.03	0.881788	0.883184	ZC83124.T	148.39	0.83025	0.837192	ZC84004.T	148.69	0.878114	0.871545	ZC84028.T	148.93
ZC83088.T	148.03	0.877163	0.878747	ZC83124.T	148.39	0.819722	0.831311	ZC84004.T	148.69	0.869967	0.86559	ZC84028.T	148.93
ZC83088.T	148.03	0.871405	0.873654	ZC83124.T	148.39	0.807714	0.823847	ZC84004.T	148.69	0.859953	0.858566	ZC84028.T	148.93
ZC83088.T	148.03	0.864421	0.867827	ZC83124.T	148.39	0.79566	0.814695	ZC84004.T	148.69	0.84893	0.850603	ZC84028.T	148.93
ZC83088.T	148.03	0.856683	0.861459	ZC83124.T	148.39	0.784706	0.804029	ZC84004.T	148.69	0.838293	0.842525	ZC84028.T	148.93
ZC83088.T	148.03	0.848883	0.854876	ZC83124.T	148.39	0.775371	0.792326	ZC84004.T	148.69	0.82926	0.835374	ZC84028.T	148.93
ZC83088.T	148.03	0.841559	0.84836	ZC83124.T	148.39	0.767531	0.780367	ZC84004.T	148.69	0.822216	0.82979	ZC84028.T	148.93
ZC83088.T	148.03	0.834913	0.842014	ZC83124.T	148.39	0.760685	0.769123	ZC84004.T	148.69	0.816561	0.82558	ZC84028.T	148.93
ZC83088.T	148.03	0.828892	0.835737	ZC83124.T	148.39	0.754248	0.75955	ZC84004.T	148.69	0.811115	0.821818	ZC84028.T	148.93
ZC83088.T	148.03	0.823367	0.829339	ZC83124.T	148.39	0.747764	0.752279	ZC84004.T	148.69	0.804818	0.817382	ZC84028.T	148.93
ZC83088.T	148.03	0.818246	0.822687	ZC83124.T	148.39	0.741022	0.747401	ZC84004.T	148.69	0.797301	0.81156	ZC84028.T	148.93
ZC83088.T	148.03	0.813437	0.815812	ZC83124.T	148.39	0.734112	0.744384	ZC84004.T	148.69	0.789018	0.804404	ZC84028.T	148.93
ZC83088.T	148.03	0.808748	0.808881	ZC83124.T	148.39	0.72735	0.742233	ZC84004.T	148.69	0.780955	0.796649	ZC84028.T	148.93
ZC83088.T	148.03	0.803868	0.802099	ZC83124.T	148.39	0.721099	0.739809	ZC84004.T	148.69	0.774102	0.789315	ZC84028.T	148.93
ZC83088.T	148.03	0.798498	0.795597	ZC83124.T	148.39	0.715506	0.736201	ZC84004.T	148.69	0.768993	0.78329	ZC84028.T	148.93
ZC83088.T	148.03	0.792514	0.78939	ZC83124.T	148.39	0.710389	0.730998	ZC84004.T	148.69	0.765545	0.779009	ZC84028.T	148.93
ZC83088.T	148.03	0.786094	0.783433	ZC83124.T	148.39	0.70535	0.724364	ZC84004.T	148.69	0.763178	0.776357	ZC84028.T	148.93
ZC83088.T	148.03	0.779686	0.777718	ZC83124.T	148.39	0.700031	0.716892	ZC84004.T	148.69	0.761094	0.774748	ZC84028.T	148.93
ZC83088.T	148.03	0.773841	0.772355	ZC83124.T	148.39	0.694282	0.709312	ZC84004.T	148.69	0.758572	0.773276	ZC84028.T	148.93
ZC83088.T	148.03	0.768989	0.76755	ZC83124.T	148.39	0.688172	0.702241	ZC84004.T	148.69	0.755165	0.770968	ZC84028.T	148.93
ZC83088.T	148.03	0.76528	0.763486	ZC83124.T	148.39	0.681841	0.696028	ZC84004.T	148.69	0.750755	0.767031	ZC84028.T	148.93
ZC83088.T	148.03	0.76252	0.760178	ZC83124.T	148.39	0.675394	0.690717	ZC84004.T	148.69	0.745488	0.761124	ZC84028.T	148.93
ZC83088.T	148.03	0.76023	0.757387	ZC83124.T	148.39	0.668944	0.686136	ZC84004.T	148.69	0.739651	0.753471	ZC84028.T	148.93
ZC83088.T	148.03	0.757786	0.754666	ZC83124.T	148.39	0.662739	0.682004	ZC84004.T	148.69	0.733581	0.744754	ZC84028.T	148.93
ZC83088.T	148.03	0.754585	0.751533	ZC83124.T	148.39	0.657248	0.678034	ZC84004.T	148.69	0.727611	0.735832	ZC84028.T	148.93
ZC83088.T	148.03	0.750212	0.747682	ZC83124.T	148.39	0.653043	0.673964	ZC84004.T	148.69	0.722042	0.727426	ZC84028.T	148.93
ZC83088.T	148.03	0.744563	0.74314	ZC83124.T	148.39	0.650486	0.669584	ZC84004.T	148.69	0.71706	0.719933	ZC84028.T	148.93
ZC83088.T	148.03	0.73788	0.738248	ZC83124.T	148.39	0.649372	0.664769	ZC84004.T	148.69	0.712676	0.713388	ZC84028.T	148.93
ZC													

RawTest1. RawTest2.176	name.177	depth.177	RawTest1. RawTest2.177	name.178	depth.178	RawTest1. RawTest2.178	name.179	depth.179	RawTest1. RawTest2.179
0.974344	0.987673	ZC84064.T	149.29	0.963734	1.018061	ZC84100.T	149.65	0.995163	0.99946
0.975658	0.986563	ZC84064.T	149.29	0.965438	1.016228	ZC84100.T	149.65	0.993812	0.996768
0.977527	0.985077	ZC84064.T	149.29	0.969149	1.012803	ZC84100.T	149.65	0.991516	0.991848
0.978455	0.984486	ZC84064.T	149.29	0.973126	1.009762	ZC84100.T	149.65	0.98981	0.987792
0.97868	0.984578	ZC84064.T	149.29	0.977707	1.007234	ZC84100.T	149.65	0.988646	0.984993
0.978627	0.985043	ZC84064.T	149.29	0.980554	1.005347	ZC84100.T	149.65	0.987873	0.98379
0.978792	0.98558	ZC84064.T	149.29	0.983112	1.004198	ZC84100.T	149.65	0.987329	0.984324
0.97963	0.985976	ZC84064.T	149.29	0.98433	1.003807	ZC84100.T	149.65	0.986972	0.986396
0.981422	0.98609	ZC84064.T	149.29	0.983956	1.004077	ZC84100.T	149.65	0.986946	0.989406
0.984166	0.985788	ZC84064.T	149.29	0.981996	1.004782	ZC84100.T	149.65	0.987558	0.992455
0.987542	0.984908	ZC84064.T	149.29	0.978761	1.005575	ZC84100.T	149.65	0.989124	0.994581
0.990932	0.983304	ZC84064.T	149.29	0.974822	1.006059	ZC84100.T	149.65	0.991774	0.995093
0.993532	0.98098	ZC84064.T	149.29	0.970859	1.005844	ZC84100.T	149.65	0.995282	0.993838
0.994519	0.978206	ZC84064.T	149.29	0.96742	1.004617	ZC84100.T	149.65	0.999027	0.991263
0.993329	0.975477	ZC84064.T	149.29	0.964725	1.002176	ZC84100.T	149.65	1.002143	0.988225
0.989787	0.973308	ZC84064.T	149.29	0.962634	0.998449	ZC84100.T	149.65	1.003805	0.985606
0.984281	0.971969	ZC84064.T	149.29	0.960813	0.993517	ZC84100.T	149.65	1.003552	0.983921
0.977664	0.971328	ZC84064.T	149.29	0.959038	0.987624	ZC84100.T	149.65	1.00151	0.983117
0.971051	0.97095	ZC84064.T	149.29	0.957459	0.981166	ZC84100.T	149.65	0.998393	0.982675
0.965533	0.970367	ZC84064.T	149.29	0.956619	0.974666	ZC84100.T	149.65	0.99525	0.981959
0.961846	0.969339	ZC84064.T	149.29	0.95715	0.968671	ZC84100.T	149.65	0.993073	0.980609
0.960172	0.967914	ZC84064.T	149.29	0.959309	0.963621	ZC84100.T	149.65	0.992428	0.978726
0.96005	0.966286	ZC84064.T	149.29	0.962622	0.959712	ZC84100.T	149.65	0.99327	0.97677
0.960516	0.964568	ZC84064.T	149.29	0.965917	0.956839	ZC84100.T	149.65	0.995037	0.975223
0.960411	0.962672	ZC84064.T	149.29	0.967736	0.954651	ZC84100.T	149.65	0.996912	0.974289
0.958782	0.960404	ZC84064.T	149.29	0.966972	0.952649	ZC84100.T	149.65	0.998128	0.973806
0.955214	0.957686	ZC84064.T	149.29	0.963336	0.950303	ZC84100.T	149.65	0.998141	0.973374
0.949934	0.954701	ZC84064.T	149.29	0.957428	0.947187	ZC84100.T	149.65	0.99671	0.972541
0.943664	0.95181	ZC84064.T	149.29	0.950371	0.943109	ZC84100.T	149.65	0.99388	0.970925
0.937327	0.949295	ZC84064.T	149.29	0.943278	0.938193	ZC84100.T	149.65	0.9899	0.968232
0.931746	0.947084	ZC84064.T	149.29	0.936815	0.932862	ZC84100.T	149.65	0.985123	0.964276
0.927487	0.944721	ZC84064.T	149.29	0.931075	0.927711	ZC84100.T	149.65	0.979889	0.95906
0.9248	0.941578	ZC84064.T	149.29	0.925738	0.923291	ZC84100.T	149.65	0.974444	0.952864
0.923638	0.937182	ZC84064.T	149.29	0.920386	0.919891	ZC84100.T	149.65	0.968695	0.946238
0.923656	0.93142	ZC84064.T	149.29	0.914787	0.917451	ZC84100.T	149.65	0.963402	0.93986
0.924208	0.924518	ZC84064.T	149.29	0.90901	0.915633	ZC84100.T	149.65	0.957911	0.934298
0.92444	0.916878	ZC84064.T	149.29	0.903327	0.913991	ZC84100.T	149.65	0.952498	0.929755
0.923517	0.908929	ZC84064.T	149.29	0.89801	0.912143	ZC84100.T	149.65	0.947226	0.926019
0.920899	0.901073	ZC84064.T	149.29	0.893136	0.909743	ZC84100.T	149.65	0.942125	0.922654
0.916512	0.893664	ZC84064.T	149.29	0.888512	0.90647	ZC84100.T	149.65	0.937123	0.919253
0.910676	0.886929	ZC84064.T	149.29	0.883731	0.901935	ZC84100.T	149.65	0.932	0.915608
0.903842	0.880823	ZC84064.T	149.29	0.878335	0.895718	ZC84100.T	149.65	0.926419	0.911662
0.896312	0.874954	ZC84064.T	149.29	0.87198	0.887514	ZC84100.T	149.65	0.920039	0.907345
0.888152	0.868719	ZC84064.T	149.29	0.864562	0.877291	ZC84100.T	149.65	0.912661	0.902458
0.87933	0.861655	ZC84064.T	149.29	0.856245	0.865396	ZC84100.T	149.65	0.904377	0.896715
0.869959	0.853794	ZC84064.T	149.29	0.847394	0.852529	ZC84100.T	149.65	0.895585	0.889919
0.860413	0.845747	ZC84064.T	149.29	0.838459	0.839611	ZC84100.T	149.65	0.886882	0.882089
0.851189	0.838386	ZC84064.T	149.29	0.829844	0.82759	ZC84100.T	149.65	0.87882	0.873451
0.842633	0.832332	ZC84064.T	149.29	0.82182	0.817253	ZC84100.T	149.65	0.871635	0.864316
0.834752	0.827516	ZC84064.T	149.29	0.814473	0.809035	ZC84100.T	149.65	0.865116	0.854948
0.82724	0.823153	ZC84064.T	149.29	0.807715	0.80289	ZC84100.T	149.65	0.858714	0.845528
0.819703	0.818167	ZC84064.T	149.29	0.801355	0.798312	ZC84100.T	149.65	0.851887	0.836217
0.811924	0.811786	ZC84064.T	149.29	0.795173	0.794496	ZC84100.T	149.65	0.844413	0.827227
0.803987	0.803996	ZC84064.T	149.29	0.788994	0.79063	ZC84100.T	149.65	0.836547	0.818828
0.79622	0.79559	ZC84064.T	149.29	0.782712	0.786137	ZC84100.T	149.65	0.828862	0.811265
0.789005	0.787812	ZC84064.T	149.29	0.776287	0.780799	ZC84100.T	149.65	0.821919	0.80463
0.782638	0.781806	ZC84064.T	149.29	0.769752	0.774706	ZC84100.T	149.65	0.81597	0.798781
0.777244	0.778114	ZC84064.T	149.29	0.763264	0.768139	ZC84100.T	149.65	0.810859	0.79339
0.772762	0.776431	ZC84064.T	149.29	0.757142	0.761486	ZC84100.T	149.65	0.806142	0.788139
0.768911	0.775722	ZC84064.T	149.29	0.751808	0.755214	ZC84100.T	149.65	0.801302	0.782907
0.765158	0.774644	ZC84064.T	149.29	0.747612	0.749843	ZC84100.T	149.65	0.79594	0.777822
0.760814	0.77206	ZC84064.T	149.29	0.744624	0.74581	ZC84100.T	149.65	0.789877	0.773156
0.755234	0.767464	ZC84064.T	149.29	0.742526	0.743218	ZC84100.T	149.65	0.783129	0.76914
0.748147	0.761103	ZC84064.T	149.29	0.740664	0.741618	ZC84100.T	149.65	0.77582	0.765782
0.739872	0.753792	ZC84064.T	149.29	0.738277	0.740033	ZC84100.T	149.65	0.768138	0.76283
0.731298	0.746554	ZC84064.T	149.29	0.734728	0.737321	ZC84100.T	149.65	0.760338	0.759878
0.72355	0.740233	ZC84064.T	149.29	0.729694	0.7327	ZC84100.T	149.65	0.752756	0.756565
0.717509	0.735246	ZC84064.T	149.29	0.723262	0.726167	ZC84100.T	149.65	0.74577	0.752711
0.713432	0.731488	ZC84064.T	149.29	0.715891	0.718507	ZC84100.T	149.65	0.73969	0.748331
0.710889	0.728392	ZC84064.T	149.29	0.708298	0.710886	ZC84100.T	149.65	0.734627	0.743536
0.709025	0.725102	ZC84064.T	149.29	0.70121	0.704235	ZC84100.T	149.65	0.730409	0.738419
0.707002	0.720717	ZC84064.T	149.29	0.695048	0.698784	ZC84100.T	149.65	0.726681	0.733024
0.704397	0.714553	ZC84064.T	149.29	0.689586	0.693989	ZC84100.T	149.65	0.723144	0.727444
0.701386	0.706304	ZC84064.T	149.29	0.683798	0.688825	ZC84100.T	149.65	0.719868	0.721921
0.698656	0.696032	ZC84064.T	149.29	0.675984	0.682219	ZC84100.T	149.65	0.717487	0.716869
0.697125	0.684021	ZC84064.T	149.29	0.664213	0.673399	ZC84100.T	149.65	0.717127	0.712732
0.697585	0.670562	ZC84064.T	149.29	0.646925	0.662022	ZC84100.T	149.65	0.720049	0.709783
0.974344	0.987673	ZC84124.T	149.89	1.051357	1.027299	ZC84124.T	149.89	1.051357	1.027299
0.975658	0.986563	ZC84124.T	149.89	1.050732	1.026485	ZC84124.T	149.89	1.050732	1.026485
0.977527	0.985077	ZC84124.T	149.89	1.049669	1.024106	ZC84124.T	149.89	1.049669	1.024106
0.978455	0.984486	ZC84124.T	149.89	1.04858	1.020863	ZC84124.T	149.89	1.04858	1.020863
0.97868	0.984578	ZC84124.T	149.89	1.047011	1.017121	ZC84124.T	149.89	1.047011	1.017121
0.978627	0.985043	ZC84124.T	149.89	1.044448	1.013409	ZC84124.T	149.89	1.044448	1.013409
0.978792	0.98558	ZC84124.T	149.89	1.040488	1.010299	ZC84124.T	149.89	1.040488	1.010299
0.97963	0.985976	ZC84124.T	149.89	1.034981	1.008226	ZC84124.T	149.89	1.034981	1.008226
0.981422	0.98609	ZC84124.T	149.89	1.02815	1.007372	ZC84124.T	149.89	1.02815	1.007372
0.984166	0.985788	ZC84124.T	149.89	1.020638	1.007579	ZC84124.T	149.89	1.020638	1.007579
0.987542	0.984908	ZC84124.T	149.89	1.013408	1.008334	ZC84124.T	149.89	1.013408	1.008334
0.990932	0.983304	ZC84124.T	149.89	1.007538	1.008859	ZC84124.T	149.89	1.007538	1.008859
0.993532	0.98098	ZC84124.T	149.89	1.003855	1.008313	ZC84124.T	149.89	1.003855	1.008313
0.994519	0.978206	ZC84124.T	149.89	1.002591	1.006099	ZC84124.T	149.89	1.002591	1.006099
0.993329	0.975477	ZC84124.T	149.89	1.003187	1.002185	ZC84124.T	149.89	1.003187	1.002185
0.989787	0.973308	ZC84124.T	149.89	1.00445	0.997217	ZC84124.T	149.89	1.00445	0.997217
0.984281	0.971969	ZC84124.T	149.89	1.004982	0.992336	ZC84124.T	149.89	1.004982	0.992336
0.977664	0.971328	ZC84124.T	149.89	1.003738	0.988709	ZC84124.T	149.89	1.003738	0.988709
0.971051	0.97095	ZC84124.T							

179	name.180	depth.180	RawTest1.180	RawTest2.180	name.181	depth.181	RawTest1.181	RawTest2.181	name.182	depth.182	RawTest1.182	RawTest2.182	name.183
	ZC85004.T	150.19	1.026208	0.996092	ZC85040.T	150.55	0.987402	0.98758	ZC85064.T	150.79	1.046001	1.025915	ZC85100.T
	ZC85004.T	150.19	1.022936	0.994361	ZC85040.T	150.55	0.989649	0.986674	ZC85064.T	150.79	1.045286	1.025313	ZC85100.T
	ZC85004.T	150.19	1.016226	0.991295	ZC85040.T	150.55	0.993363	0.984882	ZC85064.T	150.79	1.042319	1.02413	ZC85100.T
	ZC85004.T	150.19	1.009399	0.988934	ZC85040.T	150.55	0.99715	0.983145	ZC85064.T	150.79	1.037166	1.022858	ZC85100.T
	ZC85004.T	150.19	1.002727	0.987539	ZC85040.T	150.55	1.000509	0.981583	ZC85064.T	150.79	1.029987	1.021393	ZC85100.T
	ZC85004.T	150.19	0.996576	0.987302	ZC85040.T	150.55	1.003906	0.980435	ZC85064.T	150.79	1.021363	1.019703	ZC85100.T
	ZC85004.T	150.19	0.991283	0.988262	ZC85040.T	150.55	1.007294	0.980045	ZC85064.T	150.79	1.012127	1.017818	ZC85100.T
	ZC85004.T	150.19	0.987042	0.990223	ZC85040.T	150.55	1.010361	0.980767	ZC85064.T	150.79	1.003166	1.015785	ZC85100.T
	ZC85004.T	150.19	0.983864	0.99273	ZC85040.T	150.55	1.012608	0.982887	ZC85064.T	150.79	0.995255	1.013594	ZC85100.T
	ZC85004.T	150.19	0.981642	0.995157	ZC85040.T	150.55	1.013529	0.986434	ZC85064.T	150.79	0.988945	1.011151	ZC85100.T
	ZC85004.T	150.19	0.980272	0.996848	ZC85040.T	150.55	1.012811	0.991141	ZC85064.T	150.79	0.984544	1.008353	ZC85100.T
	ZC85004.T	150.19	0.979744	0.997329	ZC85040.T	150.55	1.010448	0.996484	ZC85064.T	150.79	0.982146	1.00522	ZC85100.T
	ZC85004.T	150.19	0.980114	0.996475	ZC85040.T	150.55	1.006791	1.00179	ZC85064.T	150.79	0.981627	1.002027	ZC85100.T
	ZC85004.T	150.19	0.981389	0.994608	ZC85040.T	150.55	1.002432	1.006392	ZC85064.T	150.79	0.982663	0.999285	ZC85100.T
	ZC85004.T	150.19	0.983361	0.992398	ZC85040.T	150.55	0.998	1.009741	ZC85064.T	150.79	0.984747	0.997565	ZC85100.T
	ZC85004.T	150.19	0.985524	0.990613	ZC85040.T	150.55	0.993932	1.011465	ZC85064.T	150.79	0.987249	0.997192	ZC85100.T
	ZC85004.T	150.19	0.987169	0.989794	ZC85040.T	150.55	0.990345	1.011406	ZC85064.T	150.79	0.989848	0.997995	ZC85100.T
	ZC85004.T	150.19	0.987581	0.990021	ZC85040.T	150.55	0.987082	1.009656	ZC85064.T	150.79	0.990794	0.999246	ZC85100.T
	ZC85004.T	150.19	0.986636	0.990916	ZC85040.T	150.55	0.983882	1.006586	ZC85064.T	150.79	0.990694	0.999892	ZC85100.T
	ZC85004.T	150.19	0.983501	0.991844	ZC85040.T	150.55	0.980573	1.002804	ZC85064.T	150.79	0.988948	0.999054	ZC85100.T
	ZC85004.T	150.19	0.97966	0.992216	ZC85040.T	150.55	0.977148	0.99902	ZC85064.T	150.79	0.985688	0.996272	ZC85100.T
	ZC85004.T	150.19	0.97575	0.991679	ZC85040.T	150.55	0.973694	0.995799	ZC85064.T	150.79	0.981418	0.991818	ZC85100.T
	ZC85004.T	150.19	0.972731	0.99013	ZC85040.T	150.55	0.970274	0.993323	ZC85064.T	150.79	0.976899	0.986431	ZC85100.T
	ZC85004.T	150.19	0.971229	0.987584	ZC85040.T	150.55	0.966885	0.991277	ZC85064.T	150.79	0.972871	0.9809	ZC85100.T
	ZC85004.T	150.19	0.971296	0.984075	ZC85040.T	150.55	0.963515	0.988994	ZC85064.T	150.79	0.969791	0.975656	ZC85100.T
	ZC85004.T	150.19	0.972367	0.979712	ZC85040.T	150.55	0.960241	0.985766	ZC85064.T	150.79	0.967698	0.97064	ZC85100.T
	ZC85004.T	150.19	0.973486	0.974852	ZC85040.T	150.55	0.95725	0.981234	ZC85064.T	150.79	0.966296	0.965468	ZC85100.T
	ZC85004.T	150.19	0.973663	0.970154	ZC85040.T	150.55	0.954743	0.975617	ZC85064.T	150.79	0.965154	0.959765	ZC85100.T
	ZC85004.T	150.19	0.972224	0.966395	ZC85040.T	150.55	0.95281	0.969688	ZC85064.T	150.79	0.963878	0.953454	ZC85100.T
	ZC85004.T	150.19	0.968924	0.964057	ZC85040.T	150.55	0.951391	0.964454	ZC85064.T	150.79	0.962125	0.946853	ZC85100.T
	ZC85004.T	150.19	0.963877	0.962978	ZC85040.T	150.55	0.950331	0.960731	ZC85064.T	150.79	0.959558	0.940562	ZC85100.T
	ZC85004.T	150.19	0.957409	0.962301	ZC85040.T	150.55	0.949477	0.95879	ZC85064.T	150.79	0.955848	0.93522	ZC85100.T
	ZC85004.T	150.19	0.949944	0.960854	ZC85040.T	150.55	0.948688	0.958286	ZC85064.T	150.79	0.950748	0.931286	ZC85100.T
	ZC85004.T	150.19	0.942017	0.957699	ZC85040.T	150.55	0.947792	0.958467	ZC85064.T	150.79	0.944205	0.92894	ZC85100.T
	ZC85004.T	150.19	0.934285	0.952556	ZC85040.T	150.55	0.946541	0.958506	ZC85064.T	150.79	0.936421	0.928042	ZC85100.T
	ZC85004.T	150.19	0.927438	0.945864	ZC85040.T	150.55	0.944629	0.957753	ZC85064.T	150.79	0.927836	0.928113	ZC85100.T
	ZC85004.T	150.19	0.921956	0.938483	ZC85040.T	150.55	0.941844	0.955847	ZC85064.T	150.79	0.918995	0.928317	ZC85100.T
	ZC85004.T	150.19	0.917868	0.931277	ZC85040.T	150.55	0.938219	0.952664	ZC85064.T	150.79	0.910417	0.927581	ZC85100.T
	ZC85004.T	150.19	0.914688	0.924811	ZC85040.T	150.55	0.934077	0.948238	ZC85064.T	150.79	0.902541	0.924862	ZC85100.T
	ZC85004.T	150.19	0.911602	0.91922	ZC85040.T	150.55	0.929835	0.942682	ZC85064.T	150.79	0.895706	0.919508	ZC85100.T
	ZC85004.T	150.19	0.907813	0.914253	ZC85040.T	150.55	0.92566	0.936151	ZC85064.T	150.79	0.890073	0.911525	ZC85100.T
	ZC85004.T	150.19	0.902852	0.909384	ZC85040.T	150.55	0.921214	0.928808	ZC85064.T	150.79	0.885472	0.901551	ZC85100.T
	ZC85004.T	150.19	0.896642	0.903976	ZC85040.T	150.55	0.915673	0.920749	ZC85064.T	150.79	0.881272	0.890566	ZC85100.T
	ZC85004.T	150.19	0.889372	0.897438	ZC85040.T	150.55	0.908075	0.911938	ZC85064.T	150.79	0.876421	0.879461	ZC85100.T
	ZC85004.T	150.19	0.88128	0.889457	ZC85040.T	150.55	0.897839	0.902226	ZC85064.T	150.79	0.869759	0.868715	ZC85100.T
	ZC85004.T	150.19	0.872521	0.88016	ZC85040.T	150.55	0.885182	0.89148	ZC85064.T	150.79	0.860519	0.858348	ZC85100.T
	ZC85004.T	150.19	0.863202	0.870099	ZC85040.T	150.55	0.871178	0.879729	ZC85064.T	150.79	0.848736	0.848107	ZC85100.T
	ZC85004.T	150.19	0.853499	0.860028	ZC85040.T	150.55	0.857433	0.867276	ZC85064.T	150.79	0.835325	0.837753	ZC85100.T
	ZC85004.T	150.19	0.843712	0.850568	ZC85040.T	150.55	0.845464	0.854691	ZC85064.T	150.79	0.821759	0.827298	ZC85100.T
	ZC85004.T	150.19	0.83419	0.841977	ZC85040.T	150.55	0.836146	0.842669	ZC85064.T	150.79	0.809519	0.817088	ZC85100.T
	ZC85004.T	150.19	0.825206	0.834144	ZC85040.T	150.55	0.829474	0.831816	ZC85064.T	150.79	0.799597	0.80768	ZC85100.T
	ZC85004.T	150.19	0.816895	0.826775	ZC85040.T	150.55	0.824704	0.822475	ZC85064.T	150.79	0.792257	0.79959	ZC85100.T
	ZC85004.T	150.19	0.809261	0.81961	ZC85040.T	150.55	0.820735	0.814647	ZC85064.T	150.79	0.787067	0.793032	ZC85100.T
	ZC85004.T	150.19	0.802252	0.812544	ZC85040.T	150.55	0.816585	0.808051	ZC85064.T	150.79	0.783133	0.787784	ZC85100.T
	ZC85004.T	150.19	0.795842	0.805615	ZC85040.T	150.55	0.811665	0.802249	ZC85064.T	150.79	0.779422	0.783239	ZC85100.T
	ZC85004.T	150.19	0.790053	0.79892	ZC85040.T	150.55	0.80586	0.796796	ZC85064.T	150.79	0.775075	0.77863	ZC85100.T
	ZC85004.T	150.19	0.78491	0.79257	ZC85040.T	150.55	0.799407	0.791382	ZC85064.T	150.79	0.769604	0.773353	ZC85100.T
	ZC85004.T	150.19	0.780348	0.786679	ZC85040.T	150.55	0.792716	0.785926	ZC85064.T	150.79	0.762946	0.767208	ZC85100.T
	ZC85004.T	150.19	0.776158	0.781357	ZC85040.T	150.55	0.786161	0.780572	ZC85064.T	150.79	0.755384	0.760438	ZC85100.T
	ZC85004.T	150.19	0.77199	0.776671	ZC85040.T	150.55	0.779928	0.775594	ZC85064.T	150.79	0.747377	0.75349	ZC85100.T
	ZC85004.T	150.19	0.767453	0.772569	ZC85040.T	150.55	0.773939	0.771229	ZC85064.T	150.79	0.739352	0.746699	ZC85100.T
	ZC85004.T	150.19	0.762253	0.768825	ZC85040.T	150.55	0.767921	0.767502	ZC85064.T	150.79	0.731541	0.740114	ZC85100.T
	ZC85004.T	150.19	0.756332	0.765069	ZC85040.T	150.55	0.761569	0.764133	ZC85064.T	150.79	0.723973	0.733565	ZC85100.T
	ZC85004.T	150.19	0.749891	0.760891	ZC85040.T	150.55	0.754731	0.76055	ZC85064.T	150.79	0.716614	0.726896	ZC85100.T
	ZC85004.T	150.19	0.743327	0.756002	ZC85040.T	150.55	0.747511	0.756071	ZC85064.T	150.79	0.709527	0.720129	ZC85100.T
	ZC85004.T	150.19	0.737076	0.750355	ZC85040.T	150.55	0.740244	0.750199	ZC85064.T	150.79	0.702957	0.713446	ZC85100.T
	ZC85004.T	150.19	0.731478	0.744164	ZC85040.T	150.55	0.73335	0.742886	ZC85064.T	150.79	0.697263	0.707017	ZC85100.T
	ZC85004.T	150.19	0.726675	0.737809	ZC85040.T	150.55	0.727145	0.734608	ZC85064.T	150.79	0.692728	0.700835	ZC85100.T
	ZC85004.T	150.19	0.722594	0.73169	ZC85040.T	150.55	0.721708	0.726189	ZC85064.T	150.79	0.689374	0.694719	ZC85100.T
	ZC85004.T	150.19	0.718952	0.726056	ZC85040.T	150.55	0.716844	0.718416	ZC85064.T	150.79	0.68687	0.688491	ZC85100.T
	ZC85004.T	150.19	0.715335	0.720905	ZC85040.T	150.55	0.712183	0.711664	ZC85064.T	150.79	0.684602	0.682135	ZC85100.T
	ZC85004.T	150.19	0.711327	0.716007	ZC85040.T	150.55	0.707366	0.705777	ZC85064.T	150.79	0.681834	0.675817	ZC85100.T
	ZC85004.T	150.19	0.706698	0.711079	ZC85040.T	150.55	0.702265	0.700297	ZC85064.T	150.79	0.677861	0.6	

depth.183	RawTest1.183	RawTest2.183	name.184	depth.184	RawTest1.184	RawTest2.184	name.185	depth.185	RawTest1.185	RawTest2.185	name.186	depth.186	RawTest1.186
151.15	0.982186	0.996336	ZC85124.T	151.39	0.97079	1.008796	ZC86004.T	151.69	1.00492	1.00676	ZC86040.T	152.05	0.965044
151.15	0.986123	0.99706	ZC85124.T	151.39	0.971865	1.010103	ZC86004.T	151.69	1.005638	1.009101	ZC86040.T	152.05	0.967081
151.15	0.992595	0.997737	ZC85124.T	151.39	0.974438	1.012779	ZC86004.T	151.69	1.006558	1.01301	ZC86040.T	152.05	0.971412
151.15	0.997048	0.997133	ZC85124.T	151.39	0.977544	1.01546	ZC86004.T	151.69	1.006582	1.01571	ZC86040.T	152.05	0.975972
151.15	0.99941	0.995122	ZC85124.T	151.39	0.981078	1.017912	ZC86004.T	151.69	1.00556	1.016988	ZC86040.T	152.05	0.980464
151.15	0.999861	0.991924	ZC85124.T	151.39	0.984868	1.019768	ZC86004.T	151.69	1.003546	1.016698	ZC86040.T	152.05	0.984438
151.15	0.998836	0.988103	ZC85124.T	151.39	0.988712	1.020583	ZC86004.T	151.69	1.000809	1.014748	ZC86040.T	152.05	0.987428
151.15	0.996981	0.984454	ZC85124.T	151.39	0.992424	1.019952	ZC86004.T	151.69	0.99774	1.011125	ZC86040.T	152.05	0.989123
151.15	0.99507	0.981792	ZC85124.T	151.39	0.995829	1.017633	ZC86004.T	151.69	0.994679	1.005954	ZC86040.T	152.05	0.989518
151.15	0.993843	0.980718	ZC85124.T	151.39	0.99872	1.013634	ZC86004.T	151.69	0.991778	0.999603	ZC86040.T	152.05	0.988948
151.15	0.993789	0.981431	ZC85124.T	151.39	1.00081	1.00824	ZC86004.T	151.69	0.988978	0.992769	ZC86040.T	152.05	0.987961
151.15	0.994969	0.983644	ZC85124.T	151.39	1.001764	1.001964	ZC86004.T	151.69	0.98613	0.98642	ZC86040.T	152.05	0.987067
151.15	0.996938	0.986612	ZC85124.T	151.39	1.001323	0.995449	ZC86004.T	151.69	0.983171	0.981598	ZC86040.T	152.05	0.986508
151.15	0.998836	0.989292	ZC85124.T	151.39	0.999483	0.989342	ZC86004.T	151.69	0.98024	0.979071	ZC86040.T	152.05	0.986102
151.15	0.99965	0.990623	ZC85124.T	151.39	0.996618	0.984141	ZC86004.T	151.69	0.977632	0.978992	ZC86040.T	152.05	0.985354
151.15	0.998629	0.989867	ZC85124.T	151.39	0.993414	0.980058	ZC86004.T	151.69	0.975595	0.980758	ZC86040.T	152.05	0.983731
151.15	0.995374	0.986862	ZC85124.T	151.39	0.990604	0.976978	ZC86004.T	151.69	0.974129	0.983158	ZC86040.T	152.05	0.980991
151.15	0.990094	0.982114	ZC85124.T	151.39	0.988642	0.974556	ZC86004.T	151.69	0.97291	0.984775	ZC86040.T	152.05	0.977404
151.15	0.983429	0.976612	ZC85124.T	151.39	0.987485	0.972452	ZC86004.T	151.69	0.971431	0.984462	ZC86040.T	152.05	0.973725
151.15	0.976223	0.971424	ZC85124.T	151.39	0.986671	0.970559	ZC86004.T	151.69	0.969245	0.981656	ZC86040.T	152.05	0.97091
151.15	0.969237	0.967309	ZC85124.T	151.39	0.985658	0.969029	ZC86004.T	151.69	0.966172	0.976455	ZC86040.T	152.05	0.969708
151.15	0.962917	0.964444	ZC85124.T	151.39	0.984184	0.968063	ZC86004.T	151.69	0.962343	0.969493	ZC86040.T	152.05	0.970324
151.15	0.957328	0.962439	ZC85124.T	151.39	0.982379	0.967612	ZC86004.T	151.69	0.958078	0.961691	ZC86040.T	152.05	0.972321
151.15	0.955228	0.960571	ZC85124.T	151.39	0.980534	0.967231	ZC86004.T	151.69	0.953712	0.953992	ZC86040.T	152.05	0.97483
151.15	0.947531	0.95811	ZC85124.T	151.39	0.978712	0.966262	ZC86004.T	151.69	0.94949	0.947154	ZC86040.T	152.05	0.976907
151.15	0.942957	0.954567	ZC85124.T	151.39	0.976531	0.964219	ZC86004.T	151.69	0.945568	0.941594	ZC86040.T	152.05	0.977812
151.15	0.938573	0.949816	ZC85124.T	151.39	0.973336	0.961131	ZC86004.T	151.69	0.942022	0.937317	ZC86040.T	152.05	0.97715
151.15	0.934421	0.944059	ZC85124.T	151.39	0.968688	0.957545	ZC86004.T	151.69	0.938782	0.933964	ZC86040.T	152.05	0.97471
151.15	0.930443	0.937709	ZC85124.T	151.39	0.96281	0.954198	ZC86004.T	151.69	0.935549	0.931015	ZC86040.T	152.05	0.970435
151.15	0.926452	0.931276	ZC85124.T	151.39	0.956649	0.951578	ZC86004.T	151.69	0.931826	0.928058	ZC86040.T	152.05	0.964391
151.15	0.922257	0.925268	ZC85124.T	151.39	0.951416	0.949668	ZC86004.T	151.69	0.927123	0.924976	ZC86040.T	152.05	0.956888
151.15	0.917849	0.920083	ZC85124.T	151.39	0.947902	0.948064	ZC86004.T	151.69	0.921253	0.921865	ZC86040.T	152.05	0.948584
151.15	0.913478	0.915885	ZC85124.T	151.39	0.945998	0.946299	ZC86004.T	151.69	0.914488	0.918729	ZC86040.T	152.05	0.940426
151.15	0.909504	0.912484	ZC85124.T	151.39	0.944731	0.944144	ZC86004.T	151.69	0.907499	0.915227	ZC86040.T	152.05	0.933425
151.15	0.906126	0.909326	ZC85124.T	151.39	0.94279	0.941661	ZC86004.T	151.69	0.901036	0.910658	ZC86040.T	152.05	0.928259
151.15	0.903156	0.905641	ZC85124.T	151.39	0.93921	0.939029	ZC86004.T	151.69	0.895572	0.904274	ZC86040.T	152.05	0.924979
151.15	0.900062	0.900753	ZC85124.T	151.39	0.933814	0.936274	ZC86004.T	151.69	0.891108	0.895731	ZC86040.T	152.05	0.922954
151.15	0.896235	0.89438	ZC85124.T	151.39	0.927182	0.933155	ZC86004.T	151.69	0.887236	0.885378	ZC86040.T	152.05	0.921097
151.15	0.891336	0.886797	ZC85124.T	151.39	0.920241	0.929254	ZC86004.T	151.69	0.883364	0.874204	ZC86040.T	152.05	0.918302
151.15	0.885435	0.878699	ZC85124.T	151.39	0.913718	0.924165	ZC86004.T	151.69	0.878934	0.863471	ZC86040.T	152.05	0.913811
151.15	0.878862	0.870802	ZC85124.T	151.39	0.907781	0.91762	ZC86004.T	151.69	0.873523	0.854198	ZC86040.T	152.05	0.907409
151.15	0.871895	0.86343	ZC85124.T	151.39	0.90202	0.90952	ZC86004.T	151.69	0.866832	0.846793	ZC86040.T	152.05	0.899342
151.15	0.864483	0.85635	ZC85124.T	151.39	0.895688	0.899885	ZC86004.T	151.69	0.858641	0.840938	ZC86040.T	152.05	0.89006
151.15	0.856231	0.848977	ZC85124.T	151.39	0.888024	0.888825	ZC86004.T	151.69	0.84888	0.835712	ZC86040.T	152.05	0.879967
151.15	0.846612	0.840787	ZC85124.T	151.39	0.878588	0.876549	ZC86004.T	151.69	0.837296	0.829922	ZC86040.T	152.05	0.869282
151.15	0.835336	0.831666	ZC85124.T	151.39	0.867461	0.863438	ZC86004.T	151.69	0.824364	0.822503	ZC86040.T	152.05	0.858074
151.15	0.822638	0.821954	ZC85124.T	151.39	0.855225	0.850092	ZC86004.T	151.69	0.81056	0.812887	ZC86040.T	152.05	0.846409
151.15	0.809332	0.812204	ZC85124.T	151.39	0.842736	0.837277	ZC86004.T	151.69	0.796731	0.801215	ZC86040.T	152.05	0.834519
151.15	0.796593	0.802843	ZC85124.T	151.39	0.830798	0.825764	ZC86004.T	151.69	0.783853	0.788325	ZC86040.T	152.05	0.822864
151.15	0.785533	0.793984	ZC85124.T	151.39	0.819933	0.816091	ZC86004.T	151.69	0.772772	0.77546	ZC86040.T	152.05	0.81202
151.15	0.776809	0.785511	ZC85124.T	151.39	0.810326	0.808349	ZC86004.T	151.69	0.763929	0.763839	ZC86040.T	152.05	0.802469
151.15	0.770423	0.777727	ZC85124.T	151.39	0.801934	0.802111	ZC86004.T	151.69	0.757143	0.754194	ZC86040.T	152.05	0.794402
151.15	0.765776	0.769193	ZC85124.T	151.39	0.794645	0.796556	ZC86004.T	151.69	0.751611	0.746539	ZC86040.T	152.05	0.787669
151.15	0.761937	0.761251	ZC85124.T	151.39	0.788345	0.790806	ZC86004.T	151.69	0.746184	0.740257	ZC86040.T	152.05	0.781868
151.15	0.758003	0.753336	ZC85124.T	151.39	0.782865	0.784268	ZC86004.T	151.69	0.739795	0.734456	ZC86040.T	152.05	0.77652
151.15	0.753348	0.745234	ZC85124.T	151.39	0.777881	0.776877	ZC86004.T	151.69	0.731875	0.728379	ZC86040.T	152.05	0.771215
151.15	0.747736	0.736796	ZC85124.T	151.39	0.772915	0.769073	ZC86004.T	151.69	0.722556	0.721655	ZC86040.T	152.05	0.765712
151.15	0.741257	0.728185	ZC85124.T	151.39	0.767507	0.761552	ZC86004.T	151.69	0.712608	0.714334	ZC86040.T	152.05	0.759926
151.15	0.734161	0.719979	ZC85124.T	151.39	0.761454	0.75491	ZC86004.T	151.69	0.7031	0.706712	ZC86040.T	152.05	0.753865
151.15	0.726716	0.71296	ZC85124.T	151.39	0.754939	0.749364	ZC86004.T	151.69	0.694994	0.699143	ZC86040.T	152.05	0.747538
151.15	0.71912	0.70767	ZC85124.T	151.39	0.748478	0.744634	ZC86004.T	151.69	0.688778	0.691889	ZC86040.T	152.05	0.740934
151.15	0.711497	0.70404	ZC85124.T	151.39	0.742655	0.740057	ZC86004.T	151.69	0.684313	0.685069	ZC86040.T	152.05	0.734049
151.15	0.703907	0.701377	ZC85124.T	151.39	0.737811	0.734885	ZC86004.T	151.69	0.68091	0.678652	ZC86040.T	152.05	0.726946
151.15	0.696378	0.698755	ZC85124.T	151.39	0.733859	0.728614	ZC86004.T	151.69	0.677614	0.67245	ZC86040.T	152.05	0.719787
151.15	0.688931	0.695538	ZC85124.T	151.39	0.730331	0.721178	ZC86004.T	151.69	0.67359	0.66615	ZC86040.T	152.05	0.712792
151.15	0.681608	0.691682	ZC85124.T	151.39	0.726623	0.712963	ZC86004.T	151.69	0.668415	0.659405	ZC86040.T	152.05	0.706158
151.15	0.674509	0.687653	ZC85124.T	151.39	0.722284	0.704604	ZC86004.T	151.69	0.662198	0.652042	ZC86040.T	152.05	0.699974
151.15	0.667777	0.684009	ZC85124.T	151.39	0.717179	0.696688	ZC86004.T	151.69	0.655425	0.644248	ZC86040.T	152.05	0.694214
151.15	0.661547	0.68096	ZC85124.T	151.39	0.711492	0.689522	ZC86004.T	151.69	0.648654	0.636603	ZC86040.T	152.05	0.688795
151.15	0.655825	0.678186	ZC85124.T	151.39	0.705586	0.683075	ZC86004.T	15					

RawTest2.186	name.187	depth.187	RawTest1.187	RawTest2.187	name.188	depth.188	RawTest1.188	RawTest2.188	name.189	depth.189	RawTest1.189	RawTest2.189
1.012904	ZC86064.T	152.29	0.992819	0.968524	ZC93052.T	158.14	0.957754	0.989274	ZC93103.T	158.64	1.005338	1.03162
1.010308	ZC86064.T	152.29	0.992389	0.969193	ZC93052.T	158.14	0.95962	0.987829	ZC93103.T	158.64	1.006921	1.029844
1.00509	ZC86064.T	152.29	0.991771	0.971096	ZC93052.T	158.14	0.963349	0.985022	ZC93103.T	158.64	1.009077	1.025887
1.000035	ZC86064.T	152.29	0.991518	0.973738	ZC93052.T	158.14	0.966958	0.982285	ZC93103.T	158.64	1.010108	1.021428
0.99557	ZC86064.T	152.29	0.991584	0.976941	ZC93052.T	158.14	0.970229	0.97961	ZC93103.T	158.64	1.010355	1.016676
0.992209	ZC86064.T	152.29	0.991787	0.980382	ZC93052.T	158.14	0.972927	0.977074	ZC93103.T	158.64	1.0102	1.011939
0.990355	ZC86064.T	152.29	0.991822	0.983693	ZC93052.T	158.14	0.974922	0.974921	ZC93103.T	158.64	1.009948	1.007531
0.990107	ZC86064.T	152.29	0.99132	0.986549	ZC93052.T	158.14	0.976288	0.973557	ZC93103.T	158.64	1.009773	1.003676
0.991151	ZC86064.T	152.29	0.989969	0.988723	ZC93052.T	158.14	0.977341	0.973468	ZC93103.T	158.64	1.009745	1.000474
0.992795	ZC86064.T	152.29	0.987625	0.990056	ZC93052.T	158.14	0.978557	0.97502	ZC93103.T	158.64	1.0099	0.997907
0.994187	ZC86064.T	152.29	0.984359	0.990422	ZC93052.T	158.14	0.980406	0.97823	ZC93103.T	158.64	1.010273	0.995892
0.994603	ZC86064.T	152.29	0.980431	0.989711	ZC93052.T	158.14	0.983139	0.982607	ZC93103.T	158.64	1.010861	0.99435
0.993718	ZC86064.T	152.29	0.976188	0.987865	ZC93052.T	158.14	0.986656	0.987173	ZC93103.T	158.64	1.011561	0.993237
0.991722	ZC86064.T	152.29	0.971915	0.984939	ZC93052.T	158.14	0.990518	0.990733	ZC93103.T	158.64	1.01212	0.992535
0.989188	ZC86064.T	152.29	0.967753	0.981165	ZC93052.T	158.14	0.994117	0.992306	ZC93103.T	158.64	1.012154	0.992217
0.986792	ZC86064.T	152.29	0.96371	0.976932	ZC93052.T	158.14	0.996907	0.991539	ZC93103.T	158.64	1.011245	0.992179
0.985048	ZC86064.T	152.29	0.959738	0.972695	ZC93052.T	158.14	0.998565	0.988866	ZC93103.T	158.64	1.009063	0.992201
0.984126	ZC86064.T	152.29	0.955832	0.968825	ZC93052.T	158.14	0.999005	0.985303	ZC93103.T	158.64	1.005453	0.991978
0.98386	ZC86064.T	152.29	0.952054	0.965495	ZC93052.T	158.14	0.998263	0.981903	ZC93103.T	158.64	1.000493	0.991224
0.983882	ZC86064.T	152.29	0.948445	0.962625	ZC93052.T	158.14	0.996348	0.979228	ZC93103.T	158.64	0.994483	0.989827
0.983787	ZC86064.T	152.29	0.944916	0.959959	ZC93052.T	158.14	0.993192	0.977071	ZC93103.T	158.64	0.987872	0.987944
0.983249	ZC86064.T	152.29	0.941172	0.957192	ZC93052.T	158.14	0.988742	0.97463	ZC93103.T	158.64	0.981138	0.985974
0.98202	ZC86064.T	152.29	0.936789	0.954118	ZC93052.T	158.14	0.983163	0.97101	ZC93103.T	158.64	0.97466	0.984314
0.979878	ZC86064.T	152.29	0.931416	0.95064	ZC93052.T	158.14	0.976991	0.965772	ZC93103.T	158.64	0.968683	0.98304
0.976598	ZC86064.T	152.29	0.925011	0.946676	ZC93052.T	158.14	0.971089	0.959192	ZC93103.T	158.64	0.96337	0.981718
0.972026	ZC86064.T	152.29	0.91798	0.942043	ZC93052.T	158.14	0.966383	0.95216	ZC93103.T	158.64	0.958855	0.979531
0.966218	ZC86064.T	152.29	0.911102	0.936454	ZC93052.T	158.14	0.963431	0.945769	ZC93103.T	158.64	0.955216	0.975706
0.95956	ZC86064.T	152.29	0.905242	0.929672	ZC93052.T	158.14	0.962084	0.940861	ZC93103.T	158.64	0.952352	0.96999
0.952786	ZC86064.T	152.29	0.900989	0.921759	ZC93052.T	158.14	0.961462	0.937779	ZC93103.T	158.64	0.949893	0.962848
0.946795	ZC86064.T	152.29	0.898386	0.913238	ZC93052.T	158.14	0.96025	0.936393	ZC93103.T	158.64	0.947253	0.955228
0.942348	ZC86064.T	152.29	0.896903	0.904955	ZC93052.T	158.14	0.957188	0.936272	ZC93103.T	158.64	0.94385	0.948041
0.939717	ZC86064.T	152.29	0.895738	0.897695	ZC93052.T	158.14	0.951535	0.93682	ZC93103.T	158.64	0.93932	0.941697
0.938492	ZC86064.T	152.29	0.894208	0.89172	ZC93052.T	158.14	0.943236	0.937292	ZC93103.T	158.64	0.933628	0.936027
0.937673	ZC86064.T	152.29	0.891967	0.886579	ZC93052.T	158.14	0.932823	0.936776	ZC93103.T	158.64	0.92701	0.93055
0.936027	ZC86064.T	152.29	0.88895	0.881274	ZC93052.T	158.14	0.921119	0.934283	ZC93103.T	158.64	0.919807	0.924851
0.932563	ZC86064.T	152.29	0.885137	0.874728	ZC93052.T	158.14	0.908933	0.929036	ZC93103.T	158.64	0.912334	0.918774
0.92692	ZC86064.T	152.29	0.880315	0.866251	ZC93052.T	158.14	0.896908	0.920823	ZC93103.T	158.64	0.904843	0.912351
0.919443	ZC86064.T	152.29	0.87409	0.855581	ZC93052.T	158.14	0.885519	0.910153	ZC93103.T	158.64	0.897578	0.905632
0.910964	ZC86064.T	152.29	0.866134	0.844008	ZC93052.T	158.14	0.87507	0.898106	ZC93103.T	158.64	0.890797	0.898594
0.902376	ZC86064.T	152.29	0.856441	0.831829	ZC93052.T	158.14	0.865611	0.885872	ZC93103.T	158.64	0.884657	0.891175
0.894209	ZC86064.T	152.29	0.845366	0.820261	ZC93052.T	158.14	0.856821	0.874252	ZC93103.T	158.64	0.87903	0.883365
0.886408	ZC86064.T	152.29	0.833424	0.809969	ZC93052.T	158.14	0.848	0.863358	ZC93103.T	158.64	0.873391	0.875201
0.878398	ZC86064.T	152.29	0.821027	0.801132	ZC93052.T	158.14	0.838303	0.852644	ZC93103.T	158.64	0.866947	0.86667
0.869406	ZC86064.T	152.29	0.808389	0.793453	ZC93052.T	158.14	0.827111	0.841252	ZC93103.T	158.64	0.858954	0.857616
0.858911	ZC86064.T	152.29	0.795649	0.786311	ZC93052.T	158.14	0.814341	0.828464	ZC93103.T	158.64	0.849079	0.847831
0.847003	ZC86064.T	152.29	0.783105	0.779042	ZC93052.T	158.14	0.800468	0.814043	ZC93103.T	158.64	0.837585	0.837264
0.834442	ZC86064.T	152.29	0.771298	0.771195	ZC93052.T	158.14	0.786288	0.798334	ZC93103.T	158.64	0.825222	0.826218
0.822407	ZC86064.T	152.29	0.760884	0.762698	ZC93052.T	158.14	0.772567	0.782149	ZC93103.T	158.64	0.81288	0.815262
0.81202	ZC86064.T	152.29	0.752317	0.753811	ZC93052.T	158.14	0.759825	0.76649	ZC93103.T	158.64	0.801211	0.804921
0.803866	ZC86064.T	152.29	0.745583	0.744959	ZC93052.T	158.14	0.748298	0.752276	ZC93103.T	158.64	0.790411	0.795339
0.797747	ZC86064.T	152.29	0.74015	0.736529	ZC93052.T	158.14	0.73804	0.740107	ZC93103.T	158.64	0.780283	0.786167
0.79275	ZC86064.T	152.29	0.735202	0.728708	ZC93052.T	158.14	0.729	0.730129	ZC93103.T	158.64	0.770485	0.776768
0.787638	ZC86064.T	152.29	0.729983	0.721441	ZC93052.T	158.14	0.721039	0.722036	ZC93103.T	158.64	0.760834	0.76662
0.781336	ZC86064.T	152.29	0.724066	0.714516	ZC93052.T	158.14	0.713916	0.715212	ZC93103.T	158.64	0.751484	0.755658
0.773342	ZC86064.T	152.29	0.717414	0.707708	ZC93052.T	158.14	0.707301	0.708946	ZC93103.T	158.64	0.742872	0.74436
0.763887	ZC86064.T	152.29	0.710262	0.700896	ZC93052.T	158.14	0.700846	0.702659	ZC93103.T	158.64	0.735478	0.733545
0.753816	ZC86064.T	152.29	0.702921	0.694107	ZC93052.T	158.14	0.694288	0.696068	ZC93103.T	158.64	0.729515	0.724014
0.744229	ZC86064.T	152.29	0.695631	0.687463	ZC93052.T	158.14	0.687524	0.689253	ZC93103.T	158.64	0.724787	0.716243
0.736044	ZC86064.T	152.29	0.688548	0.681063	ZC93052.T	158.14	0.680578	0.682593	ZC93103.T	158.64	0.720759	0.710218
0.729639	ZC86064.T	152.29	0.681789	0.674865	ZC93052.T	158.14	0.673533	0.676587	ZC93103.T	158.64	0.716809	0.70546
0.724709	ZC86064.T	152.29	0.675469	0.668643	ZC93052.T	158.14	0.66646	0.671571	ZC93103.T	158.64	0.712523	0.701223
0.720386	ZC86064.T	152.29	0.669659	0.66209	ZC93052.T	158.14	0.659389	0.667486	ZC93103.T	158.64	0.70789	0.696767
0.715616	ZC86064.T	152.29	0.664325	0.65501	ZC93052.T	158.14	0.652296	0.663858	ZC93103.T	158.64	0.703282	0.691612
0.709621	ZC86064.T	152.29	0.659282	0.647469	ZC93052.T	158.14	0.645103	0.660045	ZC93103.T	158.64	0.699213	0.685693
0.702265	ZC86064.T	152.29	0.654231	0.639776	ZC93052.T	158.14	0.637688	0.655621	ZC93103.T	158.64	0.696017	0.679354
0.694129	ZC86064.T	152.29	0.648871	0.632341	ZC93052.T	158.14	0.629967	0.65062	ZC93103.T	158.64	0.693607	0.673158
0.686213	ZC86064.T	152.29	0.643045	0.625536	ZC93052.T	158.14	0.622017	0.645478	ZC93103.T	158.64	0.691466	0.667619
0.679473	ZC86064.T	152.29	0.636834	0.619625	ZC93052.T	158.14	0.614165	0.640673	ZC93103.T	158.64	0.688883	0.662929
0.674365	ZC86064.T	152.29	0.63056	0.614773	ZC93052.T	158.14	0.606933	0.636353	ZC93103.T	158.64	0.685303	0.658889
0.670668	ZC86064.T	152.29	0.624665	0.611044	ZC93052.T	158.14	0.600818	0.632137	ZC93103.T	158.64	0.68063	0.655088
0.667651	ZC86064.T	152.29	0.619527	0.608302	ZC93052.T	158.14	0.596015	0.627242	ZC93103.T	158.64	0.675239	0.651211
0.664493	ZC86064.T	152.29	0.615311	0.606063	ZC93052.T	158.14	0.592263	0.620833	ZC93103.T	158.64	0.669707	0.647279
0.660648	ZC86064.T	152.29	0.611931	0.603454	ZC93052.T	158.14	0.588912	0.612397	ZC93103.T	158.64	0.664382	0.643693
0.656017	ZC86064.T	152.29	0.609116	0.599388	ZC93052.T	158.14	0.585195	0.601985	ZC93103.T	158.64	0.659066	0.641053
0.650799	ZC86064.T	152.29	0.606591	0.592								

name.190	depth.190	RawTest1.190	RawTest2.190	name.191	depth.191	RawTest1.191	RawTest2.191
ZC94028.T	159.33	1.005356	0.979788	ZC95028.T	160.82	1.069163	0.979339
ZC94028.T	159.33	1.003709	0.980624	ZC95028.T	160.82	1.065637	0.980172
ZC94028.T	159.33	1.000815	0.982544	ZC95028.T	160.82	1.057669	0.982175
ZC94028.T	159.33	0.998527	0.984703	ZC95028.T	160.82	1.04849	0.984561
ZC94028.T	159.33	0.996892	0.9869	ZC95028.T	160.82	1.038537	0.987124
ZC94028.T	159.33	0.995888	0.988891	ZC95028.T	160.82	1.028562	0.989549
ZC94028.T	159.33	0.99541	0.99049	ZC95028.T	160.82	1.019449	0.991471
ZC94028.T	159.33	0.995245	0.991651	ZC95028.T	160.82	1.011994	0.992565
ZC94028.T	159.33	0.995078	0.992494	ZC95028.T	160.82	1.006714	0.992653
ZC94028.T	159.33	0.994584	0.993249	ZC95028.T	160.82	1.003746	0.991764
ZC94028.T	159.33	0.993596	0.994188	ZC95028.T	160.82	1.002867	0.990166
ZC94028.T	159.33	0.992247	0.995531	ZC95028.T	160.82	1.003581	0.988294
ZC94028.T	159.33	0.990974	0.997336	ZC95028.T	160.82	1.005315	0.986637
ZC94028.T	159.33	0.990318	0.999414	ZC95028.T	160.82	1.007484	0.985618
ZC94028.T	159.33	0.99059	1.001319	ZC95028.T	160.82	1.009569	0.985519
ZC94028.T	159.33	0.991637	1.002438	ZC95028.T	160.82	1.011083	0.986442
ZC94028.T	159.33	0.992854	1.00224	ZC95028.T	160.82	1.011552	0.988278
ZC94028.T	159.33	0.993481	1.000542	ZC95028.T	160.82	1.010518	0.990639
ZC94028.T	159.33	0.993	0.997671	ZC95028.T	160.82	1.007588	0.992861
ZC94028.T	159.33	0.991387	0.994351	ZC95028.T	160.82	1.002535	0.994109
ZC94028.T	159.33	0.989054	0.991362	ZC95028.T	160.82	0.995375	0.993689
ZC94028.T	159.33	0.986579	0.989155	ZC95028.T	160.82	0.98643	0.991374
ZC94028.T	159.33	0.984381	0.987673	ZC95028.T	160.82	0.976307	0.987569
ZC94028.T	159.33	0.982591	0.986519	ZC95028.T	160.82	0.965802	0.983134
ZC94028.T	159.33	0.981118	0.985306	ZC95028.T	160.82	0.95577	0.978925
ZC94028.T	159.33	0.979811	0.983876	ZC95028.T	160.82	0.946969	0.975297
ZC94028.T	159.33	0.978566	0.982291	ZC95028.T	160.82	0.939928	0.971838
ZC94028.T	159.33	0.977322	0.980607	ZC95028.T	160.82	0.934864	0.967562
ZC94028.T	159.33	0.975972	0.978654	ZC95028.T	160.82	0.931674	0.961444
ZC94028.T	159.33	0.9743	0.976016	ZC95028.T	160.82	0.929952	0.95299
ZC94028.T	159.33	0.972001	0.972269	ZC95028.T	160.82	0.929038	0.942554
ZC94028.T	159.33	0.968764	0.967327	ZC95028.T	160.82	0.928143	0.931199
ZC94028.T	159.33	0.964386	0.96157	ZC95028.T	160.82	0.926489	0.920182
ZC94028.T	159.33	0.958882	0.955704	ZC95028.T	160.82	0.923476	0.910416
ZC94028.T	159.33	0.952538	0.950421	ZC95028.T	160.82	0.918808	0.902153
ZC94028.T	159.33	0.945856	0.946097	ZC95028.T	160.82	0.912549	0.895072
ZC94028.T	159.33	0.939412	0.942697	ZC95028.T	160.82	0.90506	0.888643
ZC94028.T	159.33	0.93369	0.939848	ZC95028.T	160.82	0.896833	0.882496
ZC94028.T	159.33	0.928931	0.936979	ZC95028.T	160.82	0.888273	0.876585
ZC94028.T	159.33	0.925036	0.933439	ZC95028.T	160.82	0.879504	0.871066
ZC94028.T	159.33	0.921547	0.928563	ZC95028.T	160.82	0.870294	0.865995
ZC94028.T	159.33	0.917701	0.921737	ZC95028.T	160.82	0.860174	0.861068
ZC94028.T	159.33	0.912542	0.912504	ZC95028.T	160.82	0.848706	0.855615
ZC94028.T	159.33	0.905124	0.900717	ZC95028.T	160.82	0.835784	0.848845
ZC94028.T	159.33	0.89478	0.886654	ZC95028.T	160.82	0.821801	0.840173
ZC94028.T	159.33	0.881362	0.871053	ZC95028.T	160.82	0.807547	0.829439
ZC94028.T	159.33	0.865377	0.855002	ZC95028.T	160.82	0.793873	0.816912
ZC94028.T	159.33	0.847912	0.839701	ZC95028.T	160.82	0.781331	0.803194
ZC94028.T	159.33	0.830327	0.826093	ZC95028.T	160.82	0.769995	0.789083
ZC94028.T	159.33	0.813885	0.814548	ZC95028.T	160.82	0.759588	0.775427
ZC94028.T	159.33	0.799395	0.804724	ZC95028.T	160.82	0.749767	0.762975
ZC94028.T	159.33	0.787052	0.795722	ZC95028.T	160.82	0.740378	0.752182
ZC94028.T	159.33	0.776496	0.7865	ZC95028.T	160.82	0.731474	0.743043
ZC94028.T	159.33	0.767058	0.776278	ZC95028.T	160.82	0.72314	0.735065
ZC94028.T	159.33	0.758019	0.764811	ZC95028.T	160.82	0.715314	0.727483
ZC94028.T	159.33	0.748784	0.752375	ZC95028.T	160.82	0.707789	0.719609
ZC94028.T	159.33	0.738976	0.739528	ZC95028.T	160.82	0.700366	0.711153
ZC94028.T	159.33	0.728468	0.726813	ZC95028.T	160.82	0.692998	0.702331
ZC94028.T	159.33	0.717369	0.714597	ZC95028.T	160.82	0.685777	0.69371
ZC94028.T	159.33	0.705963	0.703064	ZC95028.T	160.82	0.678776	0.685912
ZC94028.T	159.33	0.694616	0.692306	ZC95028.T	160.82	0.671914	0.679333
ZC94028.T	159.33	0.683684	0.68237	ZC95028.T	160.82	0.665026	0.674016
ZC94028.T	159.33	0.673445	0.67323	ZC95028.T	160.82	0.658085	0.669715
ZC94028.T	159.33	0.66406	0.664747	ZC95028.T	160.82	0.651382	0.666063
ZC94028.T	159.33	0.655573	0.656675	ZC95028.T	160.82	0.645413	0.6627
ZC94028.T	159.33	0.647939	0.648739	ZC95028.T	160.82	0.64051	0.659335
ZC94028.T	159.33	0.641079	0.640721	ZC95028.T	160.82	0.636491	0.655764
ZC94028.T	159.33	0.634885	0.632494	ZC95028.T	160.82	0.63261	0.651868
ZC94028.T	159.33	0.629177	0.624013	ZC95028.T	160.82	0.627907	0.647601
ZC94028.T	159.33	0.623674	0.615305	ZC95028.T	160.82	0.621729	0.642936
ZC94028.T	159.33	0.618012	0.606493	ZC95028.T	160.82	0.614059	0.637821
ZC94028.T	159.33	0.611844	0.597846	ZC95028.T	160.82	0.605482	0.632207
ZC94028.T	159.33	0.604997	0.589807	ZC95028.T	160.82	0.596821	0.626142
ZC94028.T	159.33	0.597571	0.58294	ZC95028.T	160.82	0.588716	0.619915
ZC94028.T	159.33	0.589905	0.577781	ZC95028.T	160.82	0.581415	0.614155
ZC94028.T	159.33	0.582402	0.574679	ZC95028.T	160.82	0.574841	0.609775
ZC94028.T	159.33	0.575344	0.573684	ZC95028.T	160.82	0.568825	0.607749

Appendix 5

Sand Grain Size Distribution Data

Appendix 5: IODP Site U1411 Sand Size Distribution Data

Depth	Image name	Mean (μm)	Median (μm)
25.96	B4 H5-15 (1x)	109.881	100.479
27.10	B4 H6-15 (1X)	101.778	95.203
29.95	B5 H1-15 (1X)	101.108	97.379
31.45	B5 H2-15 (1x)	105.211	94.249
32.95	B5 H3-15 (1x)	114.579	106.951
34.45	B5 H4-15 (1X)	99.849	83.548
35.95	B5 H5-15 (1x)	101.048	92.973
38.95	B5 H7-15 (1x)	101.68	95.946
39.94	B6 H1-15 (1x)	104.431	92.646
42.94	B6 H3-15 (1x)	108.63	98.429
45.94	B6 H5-15 (1X)	96.199	89.657
47.44	B6 H6-15 (1x)	103.932	100.402
50.03	B7 H1-15 (1x)	121.166	120.362
51.53	B7 H2-15 (1X)	87.646	73.02
56.04	B7 H5-15 (1x)	115.591	110.44
57.24	B7 H5-135 (1x)	103.109	90.382
59.04	B7 H7-15 (1x)	106.286	98.168
60.10	B8 H1-15 (1X)	99.842	88.996
61.00	B8 H1-105 (1x)	109.516	99.12
61.90	B8 H2-45 (1x)	104.586	92.71
63.71	B8 H3-75 (1x)	102.811	90.126
64.64	B8 H4-15 (1x)	109.146	102.631
66.45	B8 H5-45 (1x)	106.114	101.349
68.26	B8 H6-75 (1X)	116.116	110.937
69.16	B8 H7-15 (1x)	109.275	100.706
71.67	B9 H2-135 (1x)	108.228	103.127
72.57	B9 H3-75 (1x)	113.893	104.714
73.47	B9 H4-15 (1x)	113.35	109.896
75.27	B9 H5-45 (1x)	109.962	96.465
76.17	B9 H5-135 (1x)	105.251	94.146
77.07	B9 H6-75 (1x)	101.333	88.524
77.97	B9 H7-15 (1x)	108.846	100.253
79.26	B9 H8-43 (1X)	88.801	77.035
80.01	B10 H1-15 (1x)	94.43	87.72
80.91	B10 H1-105 (1x)	110.739	102.368
81.81	B10 H2-45 (1x)	114.013	106.969
82.71	B10 H2-135 (1x)	100.929	87.825
83.61	B10 H3-75 (1x)	102.143	89.467
84.66	B10 H4-30 (1x)	106.112	98.544
86.91	B10 H5-105 (1x)	98.044	83.29
89.90	B11 H1-30 (1x)	115.612	111.626
92.15	B11 H2-105 (1x)	88.882	79.667
99.80	B12 H1-30 (1x)	104.308	92.578
102.30	B12 H2-130 (1x)	115.282	104.365
104.64	B12 H4-64 (1x)	101.877	92.971
106.44	B12 H5-94 (1x)	94.331	85.091
108.36	B12 H7-34 (1x)	99.475	92.804
119.07	C5 H2-64 (1x)	112.521	105.015
124.09	B14 H3-94 (1x)	110.644	104.827
146.65	C8 H2-100 (1x)	105.041	93.571

Appendix 6

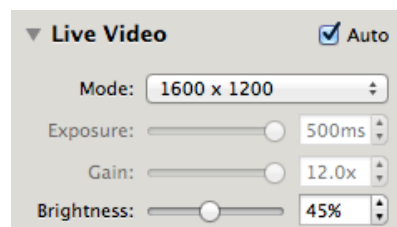
Procedures for Acquiring Sand Grain Size Distributions
Using Image Analysis Software

Appendix 6: Methods for Acquiring Sand Size Distribution Data from DGS Software

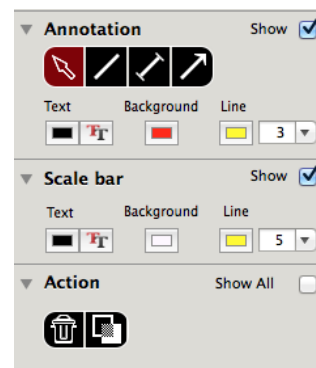
Leica Acquire: Open Leica Acquire application and then turn on stereoscope. Sometimes, if the stereoscope is on before you open the application, it will not register and will say “not connected”. If this is the case, start over and open the app first.

Take image: This part will take the most time. Use stereoscope to take image. Image should include hundreds of well-resolved grains without the presence of the background tray underneath. Remove any unusual debris, or anything that does not represent your sample such as any authigenic minerals or anomalous materials. You can take pictures with different resolutions to best fit your samples. 1x worked best for our project (tested with imageJ).

After you take the picture, you may want to play with the brightness to make sure it best represents your sample. You can do this before taking the picture, with the buttons on the bottom of the stereoscope, or after, with setting in the Acquire interface. Since the DGS software measures intensities, you do not want the picture to be too bright or too dark. This may take a couple of tries to fix it.

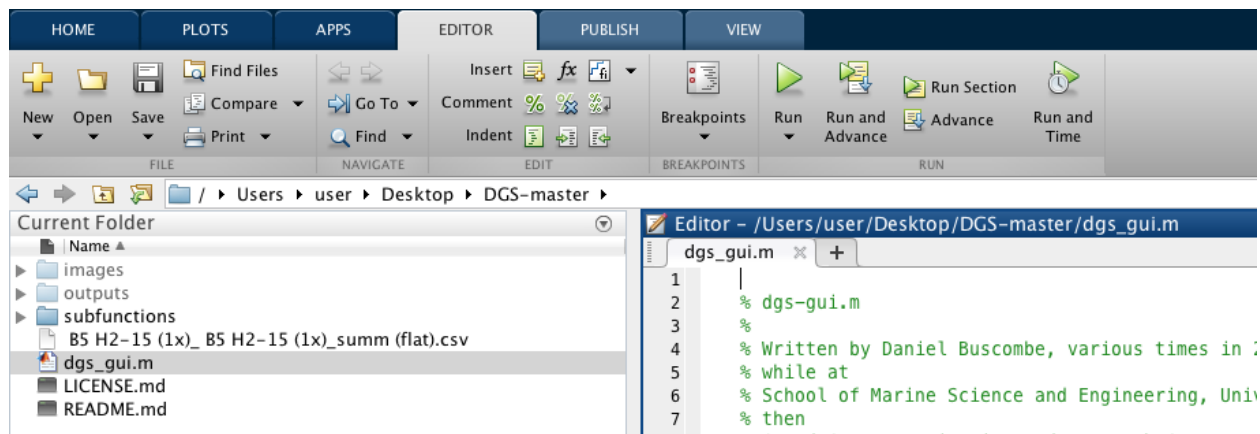


Once you perfect your picture, name it and make sure to save two copies, one normal image and one with the scale bar and any annotations you may have added. You can add annotations to your image and change your scale bar with settings in sidebar. Under Action, the trashcan button will delete annotations, not pictures. The two squares button will save annotations and scalebar. If you want to delete your picture, use  in the bottom right corner.



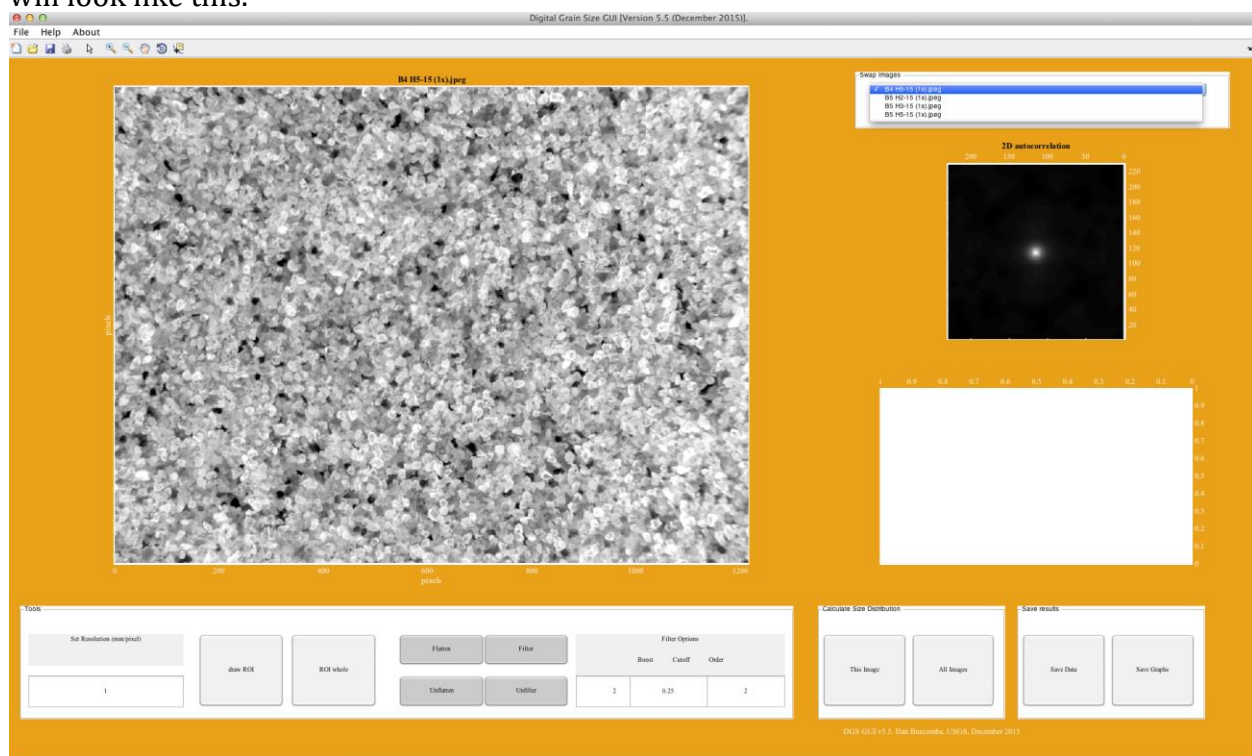
DGS Master: If you do not already have this on your desktop, it can be downloaded from https://dbuscombe-usgs.github.io/DGS_Project/. This is available to use with Matlab or Python.

Open Matlab: Open Matlab application and find dgs_gui using the bar at the top. Click User, find user, then find where ever DGS master is saved on your computer. Once you find dgs_gui, double click. It should look like the example below. If it looks like this, press Run.



After pressing Run, a bright colored screen will pop up and ask you to load images.

Load Images: You may do one image at a time or select a set. You can select a set by pressing command and selecting them individually. After selecting your images, the screen will look like this.



Set Resolution: You can use imageJ to find the length of scale bar in pixels and set resolution to mm/pixel. It will ask you if you want to do this for all of your images or just one. If you are doing a set with the same resolution, set for all images.

ROI: Select your region of interest or what you want to analyze. Choose ROI whole to use whole picture for the analysis. Watch out for distortion on the edges of your image as any difference will skew data. Choose to draw ROI for a smaller region of interest. This allow

you to draw your own ROI. You may draw multiple overlapping ROIs in the center of the image and DGS master will average them in your output. This may be your best bet if image is distorted around edges.

Flatten and Filter: These options will enhance image in different ways. Choose either to flatten or filter, not both. Flatten means removing large wavelengths and Filter means removing low wavelengths. You may change the flatten and filter parameters but ones provided are recommended. For our use, we did not use filter or flatten. You can use imageJ procedure to test this.

Calculate: When you are finished with setting, calculate size distribution. If you are doing this with a set of pictures, it will apply the setting to all pictures. This may take a moment if doing a large set. When finished, the grain size distribution graph will be shown in a box along with mean, median and sorting values.

Save results: Make sure to save your data. Save Data will save an excel file that can be found in the DGS-master folder under Outputs and Data. If you did a set of pictures, this will save individual excel file for each picture as well as a combined spreadsheet with all pictures. You can also save a screenshot of the interface by selecting Save Graphs.

Appendix 7

Summary Statistics for Grain-Size Data Sub-Intervals

Summary Statistics for Grain Size Data Sub-Intervals						
Interval:	Stable 1	Transitional	Stable 2	Invigoration	Weakening	
Mean SS:	Number of Samples	76	34	33	17	21
	min (µm)	15	18	17	19	20
	max (µm)	34	29	27	30	32
	range (max-min)	19	11	11	11	12
	median (µm)	21	22	23	25	26
	mean (µm)	21	23	23	25	25
	variance (µm)	16	11	7	10	11
	standard deviation (µm)	4	3	3	3	3
SS %:	min (wt. %)	3%	4%	7%	8%	8%
	max (wt. %)	15%	13%	14%	20%	22%
	range (max-min)	11%	9%	7%	13%	14%
	median (wt. %)	8%	7%	10%	14%	13%
	mean (wt. %)	8%	7%	10%	13%	14%
	variance (wt. %)	0%	0%	0%	0%	0%
	standard deviation (wt. %)	2%	2%	2%	4%	4%
Sand %:	min (wt. %)	0%	0%	0%	1%	1%
	max (wt. %)	4%	3%	5%	27%	18%
	range (max-min)	4%	3%	5%	26%	17%
	median (wt. %)	0%	1%	2%	4%	5%
	mean (wt. %)	0%	1%	2%	6%	6%
	variance (wt. %)	0%	0%	0%	0%	0%
	standard deviation (wt. %)	0%	1%	1%	6%	4%