

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP001A1	1.06	1.08	1.07	1.03	0.36	0.11	0.25	0.42	318	57	106	29	204	14	5	2	1	0.97
BP001A2	0.36	0.36	0.36	0.35	0.08	0.04	0.04	-0	124	12	242	67	30	20	25	26	13	3.66
BP001A3	0.32	0.32	0.32	0.31	0.04	0.01	0.04	0.75	275	33	158	35	35	38	34	6	5	1.85
BP001A4	0.35	0.35	0.35	0.35	0.04	0.03	0.01	-0.3	152	12	248	28	42	59	8	16	6	2.11
BP001B1	0.3	0.31	0.3	0.3	0.02	0.01	0.01	-0.1	274	16	155	59	372	26	22	25	12	2.24
BP001B2	0.31	0.31	0.31	0.31	0.02	0.01	0	-0.6	31	81	177	7	268	5	17	48	13	2.22
BP001B3	0.33	0.33	0.33	0.33	0.01	0.01	0.01	-0.1	207	26	301	7	45	62	25	28	14	1.77
BP002A1	15.6	16.3	16	14.5	6.64	1.24	5.33	0.62	11	33	230	50	114	20	4	1	1	2.06
BP002A2	14.5	15.1	14.9	13.4	6.26	0.78	5.43	0.75	344	70	207	15	113	13	12	2	2	3.29
BP002A3	15.4	16.1	15.9	14.2	6.93	0.82	6.06	0.76	10	40	221	46	114	16	13	2	2	4.06
BP002A4	16	16.7	16.4	14.8	6.32	0.9	5.37	0.71	12	37	230	46	118	20	12	2	2	3.95
BP002A5	16.5	17.3	16.9	15.2	7.26	1.12	6.08	0.69	10	45	228	38	121	20	6	1	1	2.6
BP002B1	8.54	8.79	8.55	8.28	2.28	1.1	1.17	0.04	34	38	227	51	129	7	2	2	1	1.22
BP002B2	8.28	8.61	8.27	7.96	2.96	1.53	1.42	-0	21	61	223	28	128	9	1	2	1	1.16
BP002B3	7.01	7.3	6.99	6.74	2.66	1.47	1.18	-0.1	32	53	212	37	122	0	1	1	1	0.89
BP002B4	10.2	10.5	10.3	9.81	2.84	0.99	1.83	0.3	329	55	116	30	216	15	1	1	1	0.42
BP003A1	11.8	12.4	11.8	11.2	4.65	2.09	2.51	0.1	186	67	63	13	328	19	1	1	1	0.79
BP003A2	16.9	18.1	16.8	15.9	7.33	4.24	2.96	-0.2	185	69	56	13	322	16	1	1	0	0.85
BP003A3	14.2	15	14.1	13.3	6.31	3.11	3.1	0.01	200	62	65	20	328	18	1	1	0	0.96
BP003A4	9.63	10.1	9.62	9.19	3.78	1.89	1.85	0	196	68	67	15	333	17	1	1	0	0.52
BP003B1	12.5	13.4	12.1	12	5.39	5.1	0.27	-0.9	146	58	332	31	241	3	1	11	1	1.02
BP003B2	9.83	10.4	9.69	9.43	3.99	2.86	1.1	-0.4	137	56	36	7	302	33	1	3	1	1.01
BP003B3	13.1	13.9	12.7	12.5	5.3	4.71	0.57	-0.8	143	61	291	25	28	13	1	7	1	1.33
BP004A1	35.8	37.7	35.3	34.4	6.83	4.9	1.84	-0.4	236	42	359	31	111	32	1	2	1	1.15
BP004A2	20.5	21.3	20.3	19.9	4.17	2.71	1.42	-0.3	228	39	353	35	108	32	2	3	1	0.96
BP004A3	29	31.1	28.1	28	7.34	7	0.32	-0.9	221	63	29	26	122	5	1	14	1	1.15
BP004B1	22.1	23.4	21.7	21.2	6.3	4.71	1.52	-0.5	250	72	50	17	142	6	2	5	1	1.59
BP004B2	32.1	33.4	31.8	31.1	5.07	3.57	1.45	-0.4	273	36	20	22	135	46	1	3	1	1.13
BP004B3	36.5	38.8	36.2	34.4	9.21	5.21	3.8	-0.1	266	68	49	18	144	12	2	2	1	2.45
BP004B4	36.3	38.9	35.1	34.8	8.38	7.77	0.57	-0.9	261	63	59	25	153	9	1	9	1	1.49
BP005A1	18.6	20.1	18.8	16.8	10.6	3.95	6.41	0.25	260	27	1	22	125	54	2	1	1	1.5
BP005A2	19.5	21	19.9	17.5	11.3	3.35	7.65	0.4	267	26	9	21	132	55	3	1	1	1.99
BP005A3	22.8	25.1	23.3	20.1	14.5	4.87	9.21	0.32	264	35	13	25	131	45	2	1	1	2.13
BP005A4	21.9	23.8	22.3	19.5	12.8	4.21	8.23	0.33	270	35	14	19	127	49	3	2	1	2.82
BP005B1	13.2	14	13.5	12	7.89	1.9	5.87	0.52	272	44	30	26	140	35	6	2	2	2.08
BP005B2	19.6	21.3	20.1	17.4	12.4	3.52	8.55	0.42	262	46	27	29	136	30	4	2	1	2.99
BP005B3	21.4	22.9	22	19.4	10.7	2.66	7.78	0.49	261	46	29	31	138	28	5	2	1	2.71
BP005B4	12.8	13.8	13.1	11.6	8.32	2.49	5.69	0.4	277	47	31	21	137	36	3	1	1	2.47
BP005B5	12.5	13.4	12.7	11.3	8.35	2.67	5.54	0.36	272	47	33	26	141	32	2	1	1	2.06
BP006A1	23.8	24.7	23.9	22.7	5.46	2.01	3.38	0.26	282	58	179	8	84	30	2	2	1	1.17
BP006A2	19.4	20.5	19.6	18.2	7.04	2.78	4.14	0.21	283	64	185	4	93	25	1	1	1	0.81
BP006A3	17.8	18.9	17.9	16.7	6.89	3.12	3.66	0.09	282	66	180	5	88	23	1	1	1	0.83
BP006B1	29.7	31.1	30.2	28	7.31	2.03	5.18	0.44	194	53	334	30	76	20	5	2	1	2.58
BP006B2	19.2	19.8	19.2	18.4	4.43	1.87	2.51	0.15	166	53	337	36	71	4	5	4	2	1.86
BP006B3	31.8	33.8	32.1	29.5	9.77	3.62	5.93	0.25	204	52	333	26	77	26	2	1	1	1.83
BP007A1	27	28.2	26.6	26.1	5.36	4.04	1.27	-0.5	303	37	43	13	148	50	1	4	1	1.19
BP007A2	14.3	15.6	14.6	12.7	11.2	3.75	7.2	0.33	92	7	196	63	358	26	2	1	1	3.28
BP007A3	21.8	23.7	22	19.7	11.9	4.95	6.66	0.16	288	16	154	68	22	15	3	2	1	2.97
BP007A4	21.3	22.4	20.9	20.5	5.57	4.29	1.23	-0.5	276	12	183	15	44	71	3	12	3	3.03
BP007B1	30.6	31.3	30.6	29.8	3.3	1.43	1.85	0.13	307	37	45	11	149	51	2	2	1	0.81
BP007B2	40.3	41.7	40.1	39	5	2.92	2.02	-0.2	306	33	46	15	156	53	2	4	1	0.94
BP007B3	39.9	41.5	40.2	38.1	6.67	2.44	4.13	0.26	316	43	62	16	168	43	2	1	1	0.56

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP007B4	40.3	42.1	40	39	5.94	3.89	1.97	-0.3	307	27	59	35	189	43	1	3	1	0.75
BP008A1	31.2	31.7	31.2	30.7	2.29	1.17	1.1	-0	360	21	235	56	101	25	3	4	2	1.06
BP008A2	31	31.4	31.1	30.5	2.1	0.88	1.21	0.16	6	1	275	51	98	39	4	3	2	1.05
BP008A3	29.9	30.3	29.8	29.5	1.77	1.1	0.66	-0.3	12	4	279	44	107	45	2	3	1	0.55
BP008A4	29.8	30.2	29.9	29.3	2.01	0.7	1.31	0.3	4	6	269	45	100	45	4	2	2	0.84
BP008B1	31	31.3	31	30.7	1.52	0.84	0.68	-0.1	264	0	354	11	172	79	2	2	1	0.43
BP008B2	29.7	30.1	29.6	29.2	2.1	1.18	0.9	-0.1	79	2	347	47	171	43	2	2	1	0.58
BP008B3	29.5	29.9	29.4	29.2	1.75	1.14	0.6	-0.3	75	11	335	43	176	45	2	3	1	0.54
BP008B4	31.3	31.7	31.2	30.9	1.88	1.1	0.77	-0.2	69	15	327	38	177	49	2	3	1	0.64
BP009A1	19.8	20.6	19.7	19.1	4.62	2.55	2.01	-0.1	334	41	203	37	90	27	2	2	1	0.92
BP009A2	30.3	31.1	30.6	29.3	4.09	1.04	3.02	0.49	324	42	213	21	103	41	5	2	1	1.37
BP009A3	30.7	31.7	30.6	29.6	4.75	2.43	2.27	-0	331	42	208	31	95	32	1	2	1	0.96
BP009A4	30.5	31.6	30.5	29.4	5.01	2.49	2.46	0	336	42	215	30	102	33	2	3	1	1.64
BP009A5	25	25.7	25.2	24.1	4.26	1.29	2.93	0.39	326	43	194	36	83	27	4	2	1	1.13
BP009B1	38.4	39.9	39	36.4	6.92	1.78	5.05	0.48	246	86	36	3	126	2	6	2	2	1.45
BP009B2	23.3	24.1	23.7	22.1	5.41	1.17	4.19	0.56	255	82	35	6	125	5	7	2	2	2
BP009B3	30.5	31.4	31.1	28.9	5.99	0.8	5.15	0.73	227	81	34	8	124	2	9	1	1	1.92
BP009B4	12.6	13	12.9	12	3.83	0.33	3.5	0.83	271	87	36	2	126	2	14	1	1	1.54
BP009B5	15.3	15.8	15.6	14.7	3.92	0.76	3.14	0.61	228	47	41	43	134	3	7	2	1	1.92
BP009B6	43.1	44.1	43.5	41.5	4.65	1.01	3.6	0.56	224	59	44	31	134	0	7	2	2	0.97
BP010A1	28.6	30.3	28.1	27.3	7.41	5.27	2.03	-0.4	332	40	77	17	185	45	1	2	1	1.14
BP010A2	33.1	35.1	32.4	31.9	7.07	5.93	1.08	-0.7	339	45	78	9	177	44	2	9	1	2.8
BP010A3	28.2	29.8	27.9	27	7.01	4.71	2.2	-0.4	330	39	67	9	167	50	1	2	1	1.02
BP010A4	27.8	29.4	27.1	26.8	6.29	5.42	0.82	-0.7	334	41	65	2	157	49	1	6	1	1.21
BP010B1	33.3	35	33.9	31	8.86	2.25	6.46	0.48	229	9	322	16	111	71	2	1	1	1.33
BP010B2	38.7	40.2	39.4	36.4	7.49	1.56	5.83	0.57	231	11	326	25	118	62	5	2	1	1.1
BP010B3	37.8	39.9	38.4	35	9.83	2.78	6.86	0.42	233	16	329	19	105	65	4	2	1	1.29
BP010B4	36.5	38.7	36.7	33.9	10.1	3.94	5.94	0.21	223	8	316	18	108	70	2	2	1	1.14
BP011A1	1.03	1.04	1.03	1.02	0.19	0.08	0.11	0.19	241	59	30	27	127	14	9	6	4	1.28
BP011A2	1.3	1.32	1.29	1.29	0.24	0.2	0.04	-0.7	228	72	122	5	30	17	2	12	2	0.92
BP011A3	0.99	1.01	0.99	0.98	0.16	0.09	0.06	-0.2	224	57	49	32	318	2	5	8	3	0.94
BP011A4	0.89	0.9	0.88	0.88	0.13	0.12	0.01	-0.8	230	59	335	9	70	29	3	26	2	1.15
BP011A5	1	1.03	1	0.97	0.36	0.17	0.19	0.05	238	67	124	10	30	21	2	2	1	0.76
BP011A6	1.07	1.1	1.07	1.06	0.23	0.2	0.02	-0.8	215	53	73	30	332	19	2	20	2	0.9
BP011B1	0.85	0.86	0.85	0.84	0.14	0.07	0.07	-0	202	78	345	9	76	7	6	6	3	1.54
BP011B2	0.98	0.99	0.98	0.97	0.17	0.12	0.06	-0.4	185	70	22	19	290	5	5	11	4	1.11
BP011B3	1.01	1.02	1.01	1	0.15	0.1	0.05	-0.4	201	67	340	17	74	14	4	10	3	0.84
BP011B4	1.02	1.04	1.01	1	0.29	0.21	0.08	-0.4	187	70	342	19	75	8	4	10	3	1.46
BP011B5	0.89	0.91	0.89	0.88	0.19	0.13	0.06	-0.4	187	71	352	18	0	5	2	5	2	1.12
BP012A1	37	37.9	36.9	36.2	3.31	1.9	1.38	-0.2	3	9	96	15	244	72	4	5	2	0.93
BP012A2	37.1	38	37.3	36.1	3.8	1.35	2.42	0.28	4	5	95	11	250	78	4	2	2	1.83
BP012A3	36.7	38.1	36.6	35.5	5.1	2.97	2.07	-0.2	0	3	91	12	256	78	2	3	1	1.96
BP012A4	39.4	40.6	39.4	38.4	4.24	2.25	1.95	-0.1	5	12	98	13	235	72	3	3	2	0.84
BP012B1	32.3	33.7	32.8	30.5	7.17	1.83	5.24	0.48	300	28	49	33	179	45	4	1	1	1.87
BP012B2	27.8	28.8	28.2	26.5	5.62	1.27	4.29	0.54	290	32	50	39	174	35	5	2	1	1.74
BP012B3	35.3	36.7	35.8	33.5	6.85	1.84	4.92	0.46	310	42	58	19	167	42	4	1	1	2.01
BP012B4	28	29.2	28.5	26.4	6.89	1.57	5.23	0.54	295	21	38	30	175	51	4	1	1	1.45
BP013A1	19.5	19.9	19.6	18.9	3.25	1.1	2.12	0.32	45	25	296	35	162	44	5	3	2	1.09
BP013A2	18.8	19.3	18.9	18.3	2.88	1.22	1.64	0.15	56	6	320	42	152	47	2	2	1	0.55
BP013A3	18.1	18.4	18.2	17.5	2.91	0.62	2.28	0.57	252	13	359	52	153	35	11	3	2	1.35
BP013A4	19.9	20.3	19.8	19.6	2.06	1.44	0.61	-0.4	48	7	310	44	145	45	2	6	2	0.7
BP013B1	12.7	13	12.9	12.3	2.61	0.55	2.06	0.58	272	29	46	52	169	23	4	1	1	0.63

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP013B2	15.9	16.3	16.1	15.3	3.16	0.59	2.55	0.62	77	3	339	66	168	23	5	1	1	1.14
BP013B3	10.6	10.9	10.7	10.3	2.65	0.73	1.9	0.45	52	9	144	18	296	70	7	3	2	1.58
BP013B4	16.2	16.4	16.4	15.8	2.23	0.06	2.17	0.95	70	3	333	69	161	21	41	1	1	1.09
BP014A1	11.1	11.7	11.4	10.3	5.5	1.26	4.18	0.54	249	15	339	2	75	75	6	2	1	2.19
BP014A2	18.8	20	19	17.2	8.89	2.89	5.83	0.34	272	10	3	2	106	80	2	1	1	1.31
BP014A3	16.6	17.7	16.8	15.3	8.09	2.75	5.19	0.32	111	45	357	23	249	37	2	1	1	1.27
BP014A4	18.6	19.8	18.9	17.1	8.58	2.69	5.74	0.37	107	41	357	22	246	41	5	2	2	2.6
BP014A5	19.2	20.3	19.6	17.8	7.93	2.11	5.7	0.46	276	7	6	1	105	83	6	2	2	2.42
BP014B1	18.6	19.8	19.4	16.7	10.1	1.13	8.89	0.77	245	51	95	35	354	15	11	2	1	2.54
BP014B2	19.1	20.3	20	17.2	9.96	0.89	8.99	0.82	277	24	12	11	125	64	16	2	2	2.95
BP014B3	18.2	19.4	18.9	16.5	9.71	1.68	7.9	0.65	312	24	221	2	128	66	6	1	1	2.09
BP014B4	17.6	18.5	18.3	16.1	8	0.73	7.22	0.82	254	11	348	21	139	66	16	2	2	2.37
BP014B5	17.3	18.4	17.9	15.6	9.29	1.6	7.57	0.65	304	23	213	2	120	67	5	1	1	2.92
BP014B6	17.6	18.6	18.4	15.8	9.52	0.78	8.68	0.84	276	21	10	11	127	66	13	1	1	4.01
BP015A1	14.1	14.9	14.5	12.9	7.5	1.32	6.1	0.65	307	34	45	11	150	54	5	1	1	2.28
BP015A2	15.6	16.7	15.8	14.3	8.6	3.28	5.15	0.24	293	33	34	16	145	53	4	3	2	4.53
BP015A3	15.4	16.3	15.7	14.2	7.28	2.01	5.17	0.45	303	35	43	14	151	51	5	2	1	3.66
BP015A4	14.1	15.1	14.4	12.9	8.25	2.6	5.5	0.37	306	36	37	1	128	54	3	1	1	2.55
BP015B1	16.6	18	17	14.7	11.5	3.26	7.98	0.43	281	24	20	19	145	59	2	1	1	2.17
BP015B2	16.5	17.6	17.1	14.8	9.68	1.65	7.9	0.66	280	30	24	22	144	51	2	1	0	1.4
BP015B3	15.1	16.4	15.5	13.6	9.94	2.96	6.78	0.4	270	22	10	23	141	57	2	1	1	2.2
BP015B4	12.3	13.1	12.6	11	8.35	1.92	6.3	0.54	296	35	35	13	143	52	2	1	0	1.15
BP016A1	21.6	22.4	21.8	20.8	4.51	1.61	2.86	0.28	374	49	263	17	159	36	2	1	1	0.73
BP016A2	25.3	26.2	25.5	24.3	4.99	1.93	3	0.22	376	45	263	21	156	37	2	1	1	0.81
BP016A3	27	28.1	27.2	25.8	5.79	2.22	3.49	0.23	372	49	261	18	158	36	2	1	1	0.86
BP016A4	18.4	18.9	18.4	17.7	3.9	1.62	2.23	0.16	363	45	262	11	162	43	2	2	1	0.73
BP016B1	12.4	12.7	12.5	12	2.63	0.48	2.15	0.64	22	37	253	40	136	28	8	2	2	1.27
BP016B2	8.81	9.02	8.81	8.61	1.82	0.92	0.89	-0	269	11	35	71	176	15	2	2	1	1.14
BP016B3	10.1	10.3	10.2	9.89	1.77	0.45	1.31	0.49	260	35	61	53	163	9	4	1	1	0.51
BP016B4	11.8	12	12	11.5	1.99	0.13	1.86	0.87	242	15	358	59	144	27	15	1	1	0.63
BP017A1	22	22.5	22.3	21.1	4.12	0.57	3.53	0.72	105	52	205	7	300	37	10	2	1	1.22
BP017A2	21.5	22	21.9	20.6	4.15	0.35	3.78	0.83	126	51	35	1	304	39	9	1	1	0.68
BP017A3	21.3	21.8	21.7	20.4	3.93	0.33	3.58	0.83	60	27	174	39	306	39	14	1	1	1.06
BP017A4	20.3	20.9	20.7	19.3	4.79	0.55	4.22	0.77	106	50	210	11	309	38	8	1	1	0.99
BP017B1	19.2	19.8	19.5	18.4	4.41	0.93	3.44	0.57	309	47	48	8	145	42	6	2	1	1.22
BP017B2	18.2	18.8	18.5	17.4	4.53	0.94	3.56	0.58	299	47	42	11	142	41	8	2	2	1.54
BP017B3	22.1	22.8	22.5	21.1	5.03	0.79	4.21	0.68	292	46	34	11	134	42	6	1	1	1.14
BP017B4	21.5	22.1	21.9	20.6	4.22	0.37	3.83	0.82	258	34	8	27	127	44	21	2	2	1.78
BP017B5	20.9	21.5	21.3	20	4.25	0.41	3.82	0.8	264	37	14	24	130	43	16	2	2	1.48
BP017B6	16.4	16.8	16.6	15.6	4.04	0.78	3.24	0.61	275	41	28	25	140	39	9	2	2	1.4
BP018A1	52.8	54.6	53.7	50.3	6.65	1.3	5.28	0.6	31	1	122	23	299	67	5	1	1	1.03
BP018A2	48.1	49.8	48.6	45.9	6.53	1.83	4.61	0.43	211	2	336	29	304	61	3	1	1	0.99
BP018A3	52.5	54.4	53.1	49.9	6.95	1.96	4.89	0.43	210	6	341	31	310	58	4	2	1	1.35
BP018A4	46.9	48.5	47.2	45.1	5.8	2.15	3.58	0.25	36	1	127	31	304	59	4	2	1	1.15
BP018A5	42.6	44.2	42.8	40.8	6.23	2.49	3.65	0.19	37	1	127	32	305	58	5	3	2	1.7
BP018A6	43.9	45.7	44.2	41.9	6.96	2.59	4.26	0.25	35	2	125	25	301	65	4	2	1	1.35
BP018A7	43.4	45.2	43.4	41.5	6.6	3.05	3.44	0.07	37	10	133	33	293	55	2	1	1	0.66
BP018B1	56.1	58.6	57.4	52.4	9.22	1.56	7.54	0.65	83	6	178	36	345	54	7	2	1	1.92
BP018B2	54.3	56.5	55.9	50.6	9.17	0.93	8.17	0.79	242	5	149	34	340	56	11	1	1	1.8
BP018B3	57.4	59.7	58.7	53.8	8.6	1.29	7.21	0.69	78	5	172	39	342	50	10	2	2	2.38
BP018B4	53.3	55.4	54.6	50	8.47	1.1	7.29	0.73	82	8	178	33	340	56	10	2	1	1.82
BP018B5	52.8	55	53.9	49.7	8.35	1.59	6.65	0.61	258	3	165	35	352	55	6	2	1	1.62

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP019A1	23.5	24.4	24.1	22.1	6.35	0.71	5.6	0.77	209	13	332	68	115	18	11	1	1	1.85
BP019A2	27.2	28	27.6	25.8	5.54	1.09	4.41	0.6	223	46	5	37	110	20	4	1	1	1.11
BP019A3	29.5	30.5	30.3	27.7	6.85	0.58	6.23	0.83	18	21	246	60	116	20	12	1	1	2
BP019A4	25.1	25.9	25.6	23.7	5.89	0.76	5.09	0.74	18	10	112	21	264	66	9	1	1	1.6
BP019B1	22.4	23.1	22.8	21.5	4.47	0.6	3.84	0.73	43	54	252	33	153	14	9	1	1	1.23
BP019B2	23.6	24.5	24.1	22.3	6.2	1.2	4.95	0.61	50	46	256	41	154	13	7	2	1	1.98
BP019B3	24.3	25.2	24.8	23.1	5.66	1.05	4.56	0.63	61	49	249	41	155	4	6	2	1	1.62
BP020A1	40.8	42.4	41.3	38.7	6.96	1.99	4.88	0.42	151	10	250	42	50	46	5	2	1	1.28
BP020A2	36.6	37.9	37.2	34.6	6.81	1.5	5.23	0.55	144	7	242	48	48	41	2	1	1	1.05
BP020A3	34.7	36.1	35	33.1	6.34	2.08	4.18	0.34	142	3	235	38	49	52	1	1	0	0.76
BP020B1	45.6	47.3	46.1	43.3	6.84	1.85	4.89	0.45	141	29	244	22	5	52	4	2	1	1.14
BP020B2	43.1	44.7	43.6	41	6.66	1.95	4.62	0.41	154	34	253	13	1	53	4	2	1	1.15
BP020B3	47.7	49.5	48.2	45.3	7.16	2.17	4.89	0.38	85	49	302	35	198	19	4	2	1	1.32
BP020B4	44.3	45.8	44.8	42.3	6.24	1.74	4.43	0.43	152	35	251	13	359	52	4	2	1	1.11
BP020B5	42.2	43.8	42.7	40.1	6.76	1.93	4.74	0.42	154	28	255	20	16	55	7	3	2	1.87
BP021A1	27.2	28.6	27.1	25.9	6.79	3.77	2.92	-0.1	212	18	335	59	113	24	4	5	2	3.72
BP021A2	33.5	35.4	33.3	31.9	7.81	4.43	3.24	-0.2	216	23	333	47	110	34	3	4	2	3.69
BP021A3	30.2	31.9	29.9	29	6.78	4.47	2.21	-0.3	195	19	318	57	96	26	2	5	2	2.96
BP021A4	30.7	32.4	30.3	29.3	7.08	4.72	2.25	-0.3	197	18	311	51	95	33	2	4	1	2.68
BP021B1	26.2	27.8	26	24.7	7.87	4.52	3.2	-0.2	198	17	301	37	87	48	2	3	1	2.32
BP021B2	25.8	27.2	25.6	24.6	6.74	4.14	2.49	-0.2	100	3	8	36	195	54	1	1	0	0.74
BP021B3	21.6	23.1	21.5	20.2	8.57	4.59	3.81	-0.1	204	19	304	29	86	54	2	2	1	1.75
BP021B4	24.7	26.4	24.4	23.4	8.21	5.22	2.85	-0.3	200	20	306	39	89	45	1	2	1	1.41
BP022A1	16.2	17.4	15.9	15.4	6.56	4.86	1.62	-0.5	15	17	275	27	133	57	2	6	2	1.86
BP022A2	17.9	19.2	17.6	17	6.89	4.79	2.01	-0.4	16	16	275	32	129	54	2	5	2	1.98
BP022A3	16.8	17.8	16.4	16.1	5.86	4.6	1.2	-0.6	18	16	277	34	129	52	1	5	1	1.07
BP022A4	18.4	19.7	18	17.5	6.92	5.06	1.77	-0.5	14	17	273	32	127	52	2	6	2	2.12
BP022B1	7.51	7.93	7.41	7.2	3.43	2.41	1	-0.4	36	5	306	6	168	82	0	1	0	0.43
BP022B2	8.46	8.97	8.32	8.09	3.99	2.91	1.05	-0.5	38	3	128	2	245	86	1	3	1	1.62
BP022B3	6.51	6.84	6.44	6.25	2.88	1.95	0.91	-0.4	36	6	306	4	178	83	1	2	1	0.88
BP022B4	6.11	6.45	6.09	5.8	3.26	1.81	1.43	-0.1	36	6	306	1	203	84	1	2	1	1.22
BP023A1	36.2	38.1	36.7	33.6	9.62	2.8	6.63	0.41	71	21	335	16	211	63	3	1	1	2.4
BP023A2	41.5	44.2	42.2	38.3	11.4	3.68	7.44	0.34	1	30	261	17	145	55	3	2	1	1.51
BP023A3	43.9	46.6	44.6	40.5	11.3	3.55	7.51	0.36	11	29	271	17	155	56	3	2	1	1.56
BP023A4	38.5	40.9	39.2	35.5	10.9	3.18	7.47	0.4	5	30	264	18	148	54	3	2	1	1.38
BP023B1	34.9	36.6	35.6	32.6	8.69	1.93	6.63	0.55	8	20	274	12	155	66	3	1	1	1.52
BP023B2	40.1	42.4	40.8	37.2	10.2	2.81	7.17	0.43	355	27	260	9	152	61	4	2	1	1.37
BP023B3	40.6	43.1	41.2	37.6	10.8	3.56	7.02	0.33	356	27	261	10	152	61	3	2	1	1.47
BP024A1	6.51	6.99	6.48	6.06	4.62	2.5	2.07	-0.1	251	57	359	12	96	30	1	2	1	1.64
BP024A2	9.04	9.67	9.06	8.4	5.64	2.66	2.9	0.07	246	53	0	17	101	31	1	1	1	2.15
BP024A3	5.31	5.59	5.38	4.95	3.37	1.11	2.24	0.35	248	48	4	21	109	35	3	1	1	1.53
BP024A4	7.71	8.13	7.83	7.17	4.54	1.39	3.1	0.39	243	49	5	24	110	31	2	1	1	1.36
BP024B1	3.26	3.46	3.33	3	2.71	0.76	1.94	0.46	246	47	0	21	106	36	3	1	1	2.7
BP024B2	4.75	5	4.83	4.43	3.13	0.9	2.21	0.44	274	55	6	2	98	35	4	2	1	1.83
BP024B3	17.3	18.6	17.7	15.5	10.5	3.01	7.24	0.42	249	46	360	19	105	38	2	1	1	2.84
BP024B4	11.6	12.4	11.9	10.6	7.14	1.82	5.22	0.49	259	46	1	12	101	42	3	1	1	1.9
BP025A1	0.78	0.81	0.8	0.73	0.57	0.13	0.44	0.57	177	87	6	3	276	1	4	1	1	2.02
BP025A2	1.11	1.17	1.14	1.02	0.98	0.21	0.76	0.58	134	75	9	9	277	12	5	1	1	2.01
BP025A3	0.76	0.79	0.77	0.71	0.5	0.09	0.41	0.65	11	37	186	53	279	2	10	2	2	3.31
BP025B1	20.3	22.1	20.9	17.9	13.2	3.37	9.54	0.48	301	44	37	6	132	45	1	0	0	0.52
BP025B2	19.5	21.3	20	17.1	13.6	3.94	9.32	0.41	293	47	33	9	131	41	1	0	0	0.79
BP025B3	20.4	22.4	20.9	17.8	14.3	4.34	9.57	0.38	291	38	33	15	140	48	3	2	1	3.11

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP025B4	19.8	21.7	20.1	17.5	13.3	4.47	8.43	0.32	290	40	34	16	141	46	1	0	0	0.67
BP026A1	7.08	7.48	7.18	6.59	4.34	1.44	2.86	0.35	246	28	350	25	115	51	1	1	0	0.95
BP026A2	4.41	4.64	4.43	4.17	2.6	1.14	1.45	0.14	254	30	356	20	115	53	1	1	0	0.54
BP026A3	5.09	5.34	5.19	4.74	3.2	0.76	2.42	0.53	257	31	359	18	114	53	3	1	1	0.9
BP026A4	4.34	4.56	4.4	4.07	2.69	0.88	1.8	0.36	345	9	252	17	101	71	2	1	1	0.92
BP026A5	3.68	3.85	3.72	3.47	2.16	0.72	1.43	0.34	262	37	3	14	111	50	1	1	1	0.47
BP026B1	2.4	2.57	2.39	2.23	2.09	1.11	0.97	-0	222	56	328	11	65	32	1	1	1	1.44
BP026B2	3.5	3.77	3.46	3.29	2.76	1.76	0.98	-0.3	222	56	320	6	54	33	1	2	1	1.88
BP026B3	2.83	3.06	2.82	2.63	2.55	1.43	1.1	-0.1	247	50	338	1	69	40	1	1	1	1.66
BP026B4	4.97	5.36	4.9	4.65	3.81	2.45	1.33	-0.3	221	57	319	6	53	33	1	2	1	0.92
BP027A1	14.5	15.1	14.5	14	4.1	2.17	1.89	-0.1	92	8	358	24	199	64	1	1	1	0.73
BP027A2	13.8	14.3	13.7	13.4	3.17	1.94	1.21	-0.2	110	19	11	24	235	58	1	2	1	0.76
BP027A3	15	15.5	15	14.4	4.06	1.86	2.16	0.08	97	2	6	26	191	64	2	2	1	1.32
BP027A4	17.8	18.5	17.8	17.2	4.26	2.36	1.86	-0.1	113	11	20	13	242	73	1	1	0	0.75
BP027B1	28.3	29	28.1	27.6	3.31	2.16	1.12	-0.3	69	3	161	23	333	67	2	4	1	1.16
BP027B2	27.9	28.7	27.8	27.3	3.41	2.07	1.32	-0.2	254	1	344	1	110	89	3	4	2	1.35
BP027B3	26.7	27.4	26.5	26.4	2.57	2.34	0.22	-0.8	251	1	341	25	158	65	1	7	1	0.39
BP027B4	27.8	28.6	27.5	27.2	3.35	2.44	0.88	-0.5	248	4	338	3	106	84	2	6	1	1.24
BP028A1	28.3	29.5	28	27.5	4.65	3.51	1.1	-0.5	321	44	160	45	60	10	2	7	2	1.98
BP028A2	31.6	32.8	31.3	30.6	4.91	3.31	1.55	-0.4	319	40	157	48	57	9	2	4	1	1.72
BP028A3	30.7	32	30.4	29.7	5.17	3.6	1.52	-0.4	320	41	169	45	64	15	2	6	2	2.45
BP028A4	29.1	30.3	28.9	28.2	4.83	3.22	1.56	-0.3	318	41	161	47	58	11	2	4	1	1.72
BP028B1	0.4	0.4	0.4	0.39	0.06	0.02	0.04	0.25	10	0	280	24	100	66	13	8	5	1.06
BP028B2	0.37	0.37	0.37	0.37	0.04	0	0.04	0.92	194	4	285	12	84	77	62	5	5	1.58
BP028B3	0.39	0.39	0.39	0.38	0.05	0.01	0.04	0.52	233	15	327	14	98	69	23	8	6	1.09
BP028B4	0.38	0.39	0.39	0.38	0.04	0	0.03	0.88	245	15	335	1	70	74	60	7	6	0.81
BP029A1	18.1	19.4	17.8	17.1	7.17	4.88	2.19	-0.4	169	56	273	9	8	32	1	3	1	2.48
BP029A2	16.7	17.9	16.2	16	6.32	5.59	0.69	-0.8	209	39	114	5	18	50	1	8	1	1.96
BP029A3	23.8	25.2	23.6	22.6	7.15	4.28	2.75	-0.2	204	39	102	15	355	47	1	2	1	1.04
BP029A4	9.36	10	9.1	8.96	4.56	3.92	0.61	-0.7	167	46	52	22	305	36	1	6	1	1.09
BP029B1	29.9	32.5	29.3	27.8	11.3	7.37	3.65	-0.3	25	74	243	13	150	10	2	3	1	3.12
BP029B2	39.4	42.6	39.3	36.2	12.6	6.09	6.17	0.02	37	82	263	6	172	6	1	1	1	1.08
BP029B3	29.7	32.6	29	27.4	12.5	8.42	3.8	-0.4	36	71	253	16	160	11	1	2	1	1.85
BP030A1	27	28.2	27	25.8	5.81	2.71	3.02	0.06	18	24	273	30	139	50	2	2	1	1.57
BP030A2	24.5	25.4	24.4	23.7	4.36	2.36	1.95	-0.1	8	24	262	32	128	48	2	2	1	1.11
BP030A3	28	29.1	28	27	5	2.73	2.21	-0.1	10	26	265	29	135	49	2	3	1	1.49
BP030A4	30.4	31.4	30.4	29.2	5.2	2.26	2.87	0.12	11	23	270	24	139	56	2	1	1	1.14
BP030B1	29.8	30.5	30.1	28.9	3.8	0.88	2.9	0.53	43	2	134	37	310	53	5	2	1	1.18
BP030B2	26.8	27.6	27	26	3.95	1.43	2.48	0.27	202	9	105	39	303	50	4	3	2	1.52
BP030B3	26.5	27.1	26.7	25.6	3.58	0.82	2.74	0.54	215	5	120	45	311	44	5	2	1	1.11
BP030B4	23	23.5	23.2	22.4	3.18	0.88	2.28	0.44	205	7	110	35	305	54	6	2	2	1.15
BP031A1	16.8	17.6	17.1	15.8	6.04	1.76	4.21	0.42	358	38	96	10	198	50	3	1	1	1.69
BP031A2	15	15.6	15.2	14.2	4.83	1.4	3.38	0.42	0	40	91	1	183	50	3	1	1	1.46
BP031A3	17.7	18.4	17.9	16.8	5.28	1.64	3.59	0.38	5	46	100	5	195	44	2	1	1	1.58
BP031A4	11.4	11.8	11.5	10.8	4.08	1.23	2.82	0.4	355	42	93	9	193	46	4	2	1	1.36
BP031A5	14.8	15.4	15	14.1	4.97	1.48	3.44	0.4	4	41	98	4	193	48	2	1	1	1.31
BP031B1	29	30.3	29.6	27.1	7.92	1.54	6.28	0.6	359	27	98	16	216	58	5	1	1	2.23
BP031B2	26.8	28	27.5	24.9	7.94	1.36	6.49	0.65	358	27	97	17	216	57	7	2	1	2.39
BP031B3	26	27.1	26.7	24.2	7.6	0.97	6.57	0.74	352	25	91	18	213	58	4	1	1	1.02
BP031B4	28	29.1	28.6	26.2	7.29	1.09	6.13	0.7	356	26	94	17	213	58	4	1	1	1.17
BP032A1	14.7	15.4	14.5	14.1	4.6	3.25	1.31	-0.4	177	26	79	15	322	59	1	3	1	1.44
BP032A2	16.1	16.8	15.8	15.7	3.82	3.42	0.39	-0.8	178	25	273	11	24	62	0	4	0	0.54

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP032A3	17.1	17.9	16.8	16.5	4.7	3.5	1.16	-0.5	183	21	82	28	305	54	1	3	1	1.51
BP032A4	16.6	17.3	16.5	16	4.4	2.91	1.45	-0.3	181	21	80	26	304	55	1	3	1	1.38
BP032B1	15.9	16.8	15.7	15.3	5.17	3.79	1.32	-0.5	157	20	57	25	282	57	1	3	1	1.66
BP032B2	15.9	16.9	15.5	15.2	5.51	4.64	0.84	-0.7	161	10	62	44	261	45	1	7	1	2.18
BP032B3	16.3	17.4	16.1	15.6	6.11	4.21	1.82	-0.4	168	11	74	20	286	67	1	3	1	1.95
BP033A1	12.7	12.9	12.7	12.4	2.16	1.07	1.08	0.01	269	63	72	26	165	7	1	1	1	0.47
BP033A2	7.85	7.97	7.86	7.74	1.04	0.5	0.53	0.04	284	64	59	19	155	16	1	1	1	0.32
BP033A3	11	11.1	11	10.8	1.4	0.33	1.07	0.53	256	61	76	29	346	0	4	1	1	0.41
BP033A4	9.32	9.49	9.3	9.17	1.38	0.81	0.56	-0.2	253	67	46	21	140	10	2	2	1	0.36
BP033B1	0.78	0.79	0.77	0.76	0.16	0.09	0.07	-0.1	104	31	342	41	217	33	5	7	3	1.72
BP033B2	2.94	3.02	2.97	2.84	1.1	0.31	0.78	0.44	107	59	289	31	198	1	4	2	1	1.33
BP033B3	2.34	2.41	2.34	2.28	0.81	0.39	0.41	0.04	10	3	263	79	100	10	2	2	1	0.83
BP033B4	1.01	1.02	1.01	0.99	0.23	0.12	0.11	-0	110	39	325	46	216	18	4	5	2	0.97
BP034A1	24.9	27	24.2	23.6	9.1	7.51	1.48	-0.7	294	50	68	30	172	23	1	6	1	2.04
BP034A2	25	27.1	24.3	23.6	9.21	7.27	1.8	-0.6	302	47	47	14	149	40	1	5	1	2.11
BP034A3	26.6	28.4	25.9	25.5	7.43	6.3	1.07	-0.7	293	52	53	21	156	30	1	8	1	2.21
BP034B1	12.8	13.9	12.8	11.8	8.12	4.3	3.66	-0.1	291	43	182	19	75	41	2	2	1	2.5
BP034B2	22.2	24	21.9	20.7	9.42	5.9	3.32	-0.3	289	47	23	3	116	43	1	2	1	1.51
BP034B3	22.1	23.8	22.3	20.3	10.3	4.26	5.83	0.17	305	48	209	5	114	42	1	1	1	1.37
BP034B4	25.7	27.6	25.6	24	9.47	5.07	4.18	-0.1	291	43	39	18	145	42	1	2	1	1.7
BP035A1	18.5	19.6	19.2	16.8	9.1	1.35	7.64	0.7	258	39	120	43	7	22	5	1	1	1.42
BP035A2	16.3	17.1	17	14.8	7.98	0.42	7.53	0.89	268	22	140	57	8	23	19	1	1	3.15
BP035A3	16.5	17.6	17.2	14.8	9.54	1.3	8.13	0.73	262	31	130	48	8	26	7	1	1	3.27
BP035A4	19.7	21	20.5	17.7	10.2	1.43	8.68	0.72	265	36	136	41	18	28	9	2	1	2.81
BP035A5	14.7	15.7	15.2	13.2	9.05	1.56	7.38	0.65	273	18	160	50	15	34	4	1	1	2.23
BP035B1	18	19.2	18.8	16.1	10.2	1.22	8.83	0.76	358	30	246	33	119	42	6	1	1	2.86
BP035B2	16.7	17.6	17.4	15.2	8.08	0.52	7.52	0.87	354	33	244	28	123	44	6	0	0	1.24
BP035B3	15.6	16.5	16.2	14.1	8.38	0.82	7.5	0.8	333	42	226	18	119	43	7	1	1	2.02
BP036A1	0.43	0.44	0.44	0.42	0.1	0.02	0.09	0.67	113	1	21	66	203	24	14	3	2	0.86
BP036A2	0.42	0.43	0.43	0.41	0.11	0.01	0.1	0.76	304	25	77	56	203	22	17	2	2	0.86
BP036A3	0.41	0.42	0.41	0.4	0.1	0.03	0.07	0.38	309	15	65	58	210	27	14	7	5	1.65
BP036A4	0.41	0.41	0.41	0.4	0.09	0.03	0.06	0.42	303	14	55	57	204	30	13	6	4	1.24
BP036B1	0.46	0.46	0.46	0.45	0.1	0.02	0.08	0.61	129	32	285	56	32	11	15	4	3	1.09
BP036B2	0.46	0.47	0.47	0.45	0.11	0.01	0.09	0.74	133	41	288	46	32	13	24	4	3	1.26
BP036B3	0.45	0.45	0.45	0.44	0.1	0.03	0.08	0.52	134	38	286	49	33	14	9	3	2	0.83
BP037A1	0.54	0.55	0.54	0.54	0.07	0.05	0.01	-0.6	73	3	168	57	341	33	5	19	4	0.95
BP037A2	1.77	1.81	1.79	1.7	0.7	0.15	0.55	0.59	307	43	151	45	49	13	8	2	2	2.25
BP037A3	1.48	1.51	1.49	1.43	0.47	0.11	0.36	0.55	131	19	339	69	224	9	7	2	2	1.47
BP037B1	8.3	8.57	8.46	7.87	3.18	0.5	2.67	0.69	152	68	251	4	343	21	6	1	1	1.61
BP037B2	8.38	8.62	8.59	7.95	3.05	0.13	2.92	0.92	237	17	117	58	335	26	17	1	1	1.22
BP037B3	8.34	8.75	8.47	7.79	4.43	1.24	3.16	0.45	102	50	244	34	347	20	2	1	0	1.18
BP037B4	7.2	7.58	7.23	6.79	3.83	1.65	2.14	0.15	75	29	236	60	340	8	1	1	0	0.93
BP038A1	25.3	26.7	26	23.2	9.5	1.74	7.63	0.63	289	43	45	25	155	37	4	1	1	1.7
BP038A2	25.6	27.1	26.4	23.4	10.1	1.94	7.95	0.61	131	83	351	6	261	5	1	0	0	0.55
BP038A3	22.3	23.7	22.6	20.4	9.42	2.88	6.36	0.38	149	78	352	11	261	5	2	1	1	1.34
BP038A4	25.2	26.8	26	22.9	10.4	1.94	8.26	0.62	132	81	349	7	259	5	2	0	0	0.79
BP038B1	14.8	15.4	15.2	13.8	5.65	0.66	4.96	0.77	19	86	128	1	218	3	7	1	1	1.56
BP038B2	11.3	11.7	11.5	10.7	4.11	0.72	3.36	0.65	306	61	127	29	37	0	7	2	1	1.54
BP038B3	5.48	5.67	5.56	5.21	2.38	0.54	1.83	0.55	310	31	120	58	217	4	5	2	1	1.32
BP039A1	32.8	33.9	33.2	31.4	5.57	1.52	3.99	0.45	334	28	241	6	141	61	2	1	1	1.05
BP039A2	29.5	30.2	29.7	28.5	3.95	1.18	2.73	0.4	333	25	239	7	135	64	3	2	1	1.11
BP039A3	33.8	34.8	34.1	32.5	4.88	1.56	3.28	0.36	337	25	244	7	139	64	4	2	1	1.64

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP039A4	29.8	30.9	30	28.7	5.29	2.13	3.09	0.19	343	24	246	15	127	61	3	2	1	2
BP039B1	30	30.9	30.1	29	4.49	1.89	2.55	0.15	49	16	141	6	251	72	3	2	1	1.42
BP039B2	32.1	33.1	32.1	31.1	4.28	2.18	2.05	-0	55	16	147	7	259	72	3	3	1	1.66
BP039B3	33.3	34.2	33.5	32.2	4.29	1.5	2.75	0.29	63	18	333	3	234	72	3	2	1	1.48
BP039B4	32.3	33.2	32.4	31.3	4.16	1.67	2.44	0.19	60	11	151	3	256	78	3	2	1	1.19
BP040A1	22.2	23.6	22.6	20.4	9.39	2.89	6.32	0.38	289	19	165	58	28	25	4	2	1	2.38
BP040A2	22.8	24.5	22.9	21	9.91	4.2	5.48	0.14	293	12	175	65	28	21	2	2	1	2.14
BP040A3	23.3	24.7	23.7	21.5	9.13	2.86	6.1	0.37	288	14	176	57	26	29	2	1	1	1.11
BP040A4	22	23.5	22.2	20.3	9.25	3.34	5.72	0.27	296	10	184	64	31	24	2	1	1	1.69
BP040B1	21	22.2	21.3	19.6	7.67	2.55	5	0.33	266	2	174	50	358	40	4	2	1	1.97
BP040B2	20.1	21.2	20.3	18.7	7.49	2.61	4.76	0.3	270	2	178	50	1	40	3	2	1	1.64
BP040B3	17.3	18.3	17.5	16.2	7.07	2.44	4.51	0.31	267	3	173	51	359	39	5	3	2	2.43
BP041A1	19	20	19	17.9	6.39	2.94	3.35	0.08	16	55	115	6	210	34	1	1	1	0.71
BP041A2	21.5	22.5	21.5	20.6	5.65	2.8	2.77	0	6	60	115	10	210	28	1	1	1	0.87
BP041A3	19.3	20.2	19.4	18.4	5.69	2.47	3.14	0.13	15	55	114	6	208	34	2	2	1	0.95
BP041A4	20.6	21.6	20.5	19.8	5.32	3.15	2.11	-0.2	17	63	110	2	201	27	2	3	1	1.32
BP041B1	9.15	9.67	9.21	8.58	4.8	1.98	2.77	0.18	125	20	11	48	230	35	2	1	1	1.06
BP041B2	7.41	7.85	7.42	6.96	4.26	2.04	2.18	0.05	124	20	10	47	229	36	2	1	1	1.62
BP041B3	9.56	10.1	9.6	8.99	4.78	2.06	2.67	0.14	126	17	9	56	225	28	2	2	1	1.27
BP041B4	8.23	8.7	8.22	7.76	4.32	2.16	2.12	0.01	127	16	11	56	226	29	1	1	1	0.61
BP042A1	23	23.8	23.5	21.7	6.01	0.87	5.1	0.71	157	25	287	54	56	24	6	1	1	1.11
BP042A2	23.3	24.2	23.8	22	6.01	1.02	4.94	0.66	158	27	284	50	52	28	7	2	1	1.65
BP042A3	21.7	22.4	22.2	20.6	5.22	0.44	4.76	0.83	162	37	293	41	49	27	12	1	1	1.21
BP042A4	23.2	24	23.7	21.9	5.72	0.82	4.86	0.71	153	28	280	49	47	28	8	1	1	1.46
BP042B1	10.2	10.4	10.3	9.87	2.31	0.48	1.83	0.59	182	18	295	51	80	34	4	1	1	0.61
BP042B2	9.4	9.6	9.53	9.08	2.22	0.29	1.93	0.74	170	1	262	57	79	33	8	1	1	0.66
BP042B3	11.1	11.4	11.3	10.8	2.38	0.37	2	0.69	199	38	326	38	83	30	6	1	1	0.66
BP043A1	22.2	23.4	22.1	20.9	7.12	3.61	3.38	-0	358	12	263	22	115	65	2	2	1	1.2
BP043A2	20.5	21.6	20.6	19.4	6.3	2.88	3.32	0.08	353	13	259	18	116	67	2	2	1	1.11
BP043A3	22.7	24	22.8	21.4	7.29	3.18	3.99	0.12	3	14	266	24	122	62	2	1	1	1.14
BP043A4	24	25.2	24.1	22.6	7.12	2.78	4.23	0.21	7	9	272	26	116	62	1	1	1	0.84
BP043A5	20.1	20.8	20.5	19	5.74	0.93	4.76	0.67	121	27	251	52	18	24	6	1	1	1.13
BP043B1	7.85	8.18	8.01	7.36	3.82	0.75	3.05	0.61	350	60	240	11	145	27	5	1	1	1.09
BP043B2	15.1	15.7	15.3	14.3	5.09	1.39	3.64	0.45	330	32	235	8	134	56	2	1	1	1.23
BP043B3	7.53	7.87	7.57	7.14	3.46	1.36	2.08	0.22	332	28	234	15	120	58	3	2	1	1.16
BP044A1	8.13	8.42	8.2	7.77	2.96	0.97	1.97	0.35	212	26	313	22	78	55	1	1	1	0.79
BP044A2	7.08	7.3	7.15	6.78	2.49	0.67	1.81	0.47	210	38	316	20	68	45	1	1	0	0.51
BP044A3	6.82	7.03	6.86	6.55	2.36	0.81	1.54	0.32	200	21	302	30	80	52	3	1	1	1.15
BP044A4	5.42	5.65	5.41	5.19	2.4	1.21	1.17	0	190	31	305	35	70	40	1	1	1	0.58
BP044B1	5.34	5.59	5.44	5.01	3.04	0.78	2.24	0.5	163	46	321	42	61	12	4	1	1	1.5
BP044B2	7.12	7.42	7.24	6.71	3.44	0.88	2.54	0.49	165	42	325	46	66	10	5	2	1	2.15
BP044B3	7.76	8.14	7.95	7.2	4.41	0.87	3.51	0.61	178	50	326	35	68	16	4	1	1	1.89
BP044B4	7.28	7.54	7.45	6.86	3.28	0.43	2.84	0.74	164	43	314	43	59	15	7	1	1	1.58
BP045A1	30.1	31.6	30.5	28.1	8.33	2.63	5.55	0.36	323	27	126	62	229	7	2	1	1	1.32
BP045A2	31	32.3	31.3	29.5	6.38	2.25	4.04	0.29	318	40	116	48	218	11	2	1	1	1.53
BP045A3	31.6	33.3	31.8	29.7	8.11	3.14	4.82	0.22	324	30	130	60	231	6	2	2	1	2.03
BP045A4	27.8	28.9	28.1	26.4	6.13	1.77	4.28	0.42	315	30	111	57	218	11	2	1	1	0.95
BP045B1	43.3	47.3	43.7	39	15.6	6.24	8.85	0.18	308	5	48	61	216	28	2	2	1	2.18
BP045B2	43.9	48.8	44.5	38.5	19.5	7.27	11.4	0.23	306	11	55	60	211	28	2	2	1	2.39
BP045B3	24.6	26.9	24.6	22.3	12.7	5.86	6.42	0.06	307	10	58	63	212	24	2	2	1	2.32
BP045B4	11.3	12.6	11.2	10.3	9.36	5.6	3.56	-0.2	307	9	54	60	212	29	1	2	1	1.91
BP045B5	44.6	49.5	44.3	39.9	17.9	8.9	8.23	-0	306	6	50	68	213	21	1	1	1	1.47

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP046A1	10.2	10.5	10.2	9.79	3.03	1.5	1.51	0.01	14	2	281	46	106	44	2	2	1	0.99
BP046A2	9.46	9.72	9.38	9.26	1.95	1.43	0.51	-0.5	190	7	280	6	53	81	2	5	1	0.69
BP046A3	9.83	10.1	9.83	9.53	2.59	1.3	1.27	0	2	4	266	58	95	32	2	2	1	0.73
BP046A4	12	12.3	12	11.6	2.87	1.12	1.73	0.22	1	12	258	47	102	41	2	1	1	0.56
BP046A5	9.01	9.35	8.91	8.78	2.49	1.91	0.57	-0.5	8	0	278	34	98	56	1	2	1	0.39
BP046B1	19.1	20.1	19.2	17.9	7.1	2.74	4.24	0.22	184	26	317	54	82	23	1	1	1	0.81
BP046B2	19.3	20.5	19.4	18.1	7.3	3.27	3.9	0.1	188	26	327	57	88	19	2	1	1	1.05
BP046B3	17.8	18.9	18	16.5	8.01	3.09	4.78	0.23	188	32	332	52	86	18	2	1	1	1.11
BP046B4	16.6	17.5	16.7	15.6	6.55	2.82	3.62	0.14	192	30	332	53	90	20	1	1	1	0.76
BP046B5	16.1	17	16.2	15.1	6.53	2.62	3.81	0.2	185	34	331	51	83	17	3	2	1	1.26
BP046B6	15.2	16	15.2	14.2	6.38	2.95	3.33	0.07	185	27	322	55	84	21	1	1	1	0.76
BP047A1	0.3	0.31	0.3	0.3	0.12	0.08	0.05	-0.2	230	19	126	35	343	48	2	3	1	1.33
BP047A2	0.32	0.34	0.32	0.31	0.15	0.09	0.06	-0.2	230	19	128	31	347	53	2	2	1	1.22
BP047A3	0.33	0.34	0.33	0.32	0.15	0.09	0.06	-0.2	230	21	128	29	351	53	2	3	1	1.67
BP047B1	0.27	0.27	0.26	0.26	0.11	0.07	0.04	-0.3	317	25	203	41	68	39	0	1	0	0.26
BP047B2	0.28	0.28	0.28	0.27	0.1	0.06	0.04	-0.1	320	26	212	34	80	45	2	3	1	1.21
BP047B3	0.28	0.29	0.28	0.28	0.12	0.08	0.04	-0.2	315	27	204	34	74	43	2	4	1	1.54
BP047B4	0.27	0.28	0.27	0.27	0.11	0.06	0.05	-0.1	320	29	211	31	84	45	2	2	1	0.88
BP047B5	0.28	0.29	0.28	0.28	0.12	0.07	0.05	-0.2	320	23	210	39	73	42	2	3	1	1.16
BP047B6	0.26	0.27	0.26	0.25	0.09	0.06	0.03	-0.3	324	28	212	35	82	42	2	4	2	1.25
BP048A1	0.16	0.17	0.16	0.16	0.05	0.02	0.03	0.33	241	54	352	15	92	32	9	5	3	1.4
BP048A2	0.14	0.14	0.14	0.14	0.04	0.01	0.03	0.44	263	54	359	4	92	36	4	2	1	0.79
BP048A3	0.18	0.18	0.18	0.17	0.05	0.02	0.03	0.24	261	56	356	3	87	34	5	3	2	1.93
BP048A4	0.17	0.17	0.17	0.17	0.05	0.02	0.04	0.39	243	55	350	12	87	33	5	2	2	1.36
BP048B1	2.69	2.97	2.8	2.29	4.13	0.98	3.12	0.56	306	64	207	4	115	26	3	1	1	2.61
BP048B2	4.42	4.94	4.49	3.82	6.29	2.46	3.73	0.25	287	65	22	2	113	24	1	1	1	1.58
BP048B3	2.73	2.98	2.83	2.39	3.57	0.91	2.64	0.52	292	62	30	4	122	28	3	1	1	3.1
BP048B4	4.67	5.21	4.83	3.97	6.91	2	4.81	0.45	293	60	28	3	120	30	4	2	1	3.69
BP049A1	0.24	0.25	0.24	0.24	0.03	0.01	0.02	0.15	205	43	12	46	109	7	14	11	6	1.55
BP049A2	0.22	0.22	0.22	0.22	0.02	0	0.02	0.58	202	37	360	50	103	11	14	4	3	0.64
BP049A3	0.24	0.25	0.25	0.24	0.02	0	0.02	0.64	194	33	341	52	93	16	19	5	4	0.67
BP049A4	0.22	0.23	0.22	0.22	0.03	0.01	0.02	0.41	213	63	350	21	87	17	16	7	5	1.34
BP049B1	0.17	0.17	0.17	0.17	0.02	0	0.01	0.57	320	42	189	36	77	27	23	7	5	1.66
BP049B2	0.17	0.17	0.17	0.17	0.02	0.01	0.01	0	271	66	159	10	65	22	7	7	4	1.25
BP049B3	0.16	0.16	0.16	0.15	0.02	0.01	0.01	0.24	281	64	174	8	80	25	7	4	3	0.99
BP050A1	3.6	3.73	3.59	3.46	1.52	0.77	0.75	0	222	58	89	23	350	21	2	2	1	1.27
BP050A2	3.24	3.34	3.23	3.13	1.2	0.63	0.57	-0	236	65	84	23	350	11	1	2	1	0.96
BP050A3	3.82	3.96	3.78	3.72	1.31	0.97	0.34	-0.5	226	53	100	23	257	26	1	2	0	0.26
BP050A4	4.07	4.2	4.03	3.97	1.24	0.94	0.31	-0.5	219	56	105	15	6	29	2	8	2	1.04
BP050B1	2.38	2.49	2.38	2.26	1.41	0.68	0.73	0.05	250	64	121	17	25	19	2	2	1	1.42
BP050B2	2.78	2.96	2.78	2.61	2.09	1.06	1.03	0.01	258	60	125	21	27	20	1	1	1	1.18
BP050B3	2.41	2.49	2.42	2.31	1.08	0.44	0.64	0.2	246	52	113	28	9	23	3	2	1	1.12
BP050B4	2.25	2.36	2.25	2.15	1.31	0.66	0.64	0	250	57	117	24	17	21	2	2	1	1.52
BP050B5	1.99	2.1	2	1.87	1.45	0.63	0.81	0.15	251	63	120	18	24	19	1	1	1	0.84
BP051A1	67.3	69.4	68.7	63.7	7.31	0.9	6.35	0.75	316	40	158	48	55	11	4	1	1	0.71
BP051A2	64.7	66.5	66	61.6	6.48	0.57	5.88	0.82	307	55	151	32	54	11	7	1	1	0.77
BP051A3	37.5	38.4	38	36	4.84	0.72	4.09	0.7	324	20	165	69	56	7	7	1	1	0.67
BP051B1	74.9	77.1	76.4	71.2	6.9	0.78	6.07	0.77	313	65	162	22	68	11	7	1	1	1.22
BP051B2	70	72.2	71.3	66.7	6.85	1.04	5.74	0.69	316	68	162	20	69	9	5	1	1	1.09
BP051B3	70.9	72.9	72.3	67.4	6.76	0.64	6.08	0.81	317	59	159	29	64	10	18	2	2	2.56
BP051B4	66.1	68.4	67.4	62.6	7.54	1.14	6.33	0.69	312	68	162	19	68	10	6	1	1	1.28
BP052A1	30.6	31.8	30.9	29.2	6.16	2.06	4.02	0.32	286	55	195	1	104	35	2	1	1	1.22



ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP052A2	28.2	29.1	28.6	26.8	5.61	1.18	4.38	0.58	308	49	202	14	101	38	4	1	1	1.22
BP052A3	28	29	28.7	26.3	6.81	0.8	5.96	0.76	305	47	198	15	96	39	4	1	1	0.86
BP052B1	31	32.1	31.6	29.1	6.94	1.03	5.85	0.7	312	52	202	15	102	34	7	1	1	1.88
BP052B2	29.2	30.4	29.6	27.7	6.45	1.78	4.59	0.44	294	60	197	4	105	29	4	2	1	2.07
BP052B3	30.6	31.5	31.1	29.2	5.38	0.84	4.49	0.68	288	56	186	8	91	33	8	2	1	1.9
BP052B4	27.5	28.4	28.1	26.2	5.53	0.81	4.68	0.7	290	58	192	5	100	32	9	2	1	2
BP053A1	31.9	32.8	32.1	30.7	4.89	1.73	3.11	0.29	307	73	157	15	65	8	2	1	1	0.97
BP053A2	21.3	22.1	21.4	20.5	4.7	1.9	2.75	0.19	304	60	149	27	53	11	4	3	2	1.58
BP053A3	24.7	25.7	24.5	23.9	4.94	3.34	1.55	-0.4	284	62	147	21	50	17	2	5	1	1.68
BP053B1	41.1	43.4	41.5	38.4	9.66	3.46	6	0.27	348	35	191	53	86	11	2	1	1	0.74
BP053B2	43.6	46	43.9	40.8	9.6	3.65	5.74	0.22	346	36	191	51	85	12	2	1	1	0.81
BP053B3	39.8	42.3	40.2	37	10.5	3.91	6.3	0.24	344	36	188	51	83	12	3	2	1	1.31
BP053B4	42.1	44.4	42.6	39.3	9.59	3.27	6.12	0.3	348	35	192	53	86	12	2	1	1	1.04
BP054A1	1.56	1.61	1.59	1.48	0.87	0.17	0.69	0.61	314	21	185	58	54	22	5	1	1	1.51
BP054A2	1.2	1.22	1.2	1.17	0.32	0.1	0.21	0.36	167	12	282	63	71	24	5	2	2	0.91
BP054A3	2.03	2.09	2.06	1.95	0.85	0.16	0.69	0.62	170	31	314	53	69	18	5	1	1	0.84
BP054B1	1.93	1.98	1.96	1.86	0.75	0.15	0.6	0.61	173	11	280	56	76	32	5	1	1	0.67
BP054B2	1.25	1.27	1.26	1.21	0.43	0.08	0.35	0.65	347	21	206	64	82	15	9	2	2	1.24
BP054B3	1.53	1.57	1.55	1.47	0.63	0.14	0.49	0.58	159	4	255	52	66	38	4	1	1	0.94
BP054B4	1.09	1.11	1.1	1.05	0.38	0.11	0.27	0.45	162	26	347	63	253	2	6	2	2	1.17
BP055A1	21.5	22.5	21.5	20.7	5.26	2.74	2.45	-0.1	342	18	222	57	81	26	1	1	1	0.65
BP055A2	21.6	22.6	21.4	20.7	5.46	3.22	2.17	-0.2	340	12	230	58	77	29	1	1	1	0.65
BP055A3	10.7	11.1	10.6	10.3	3.16	1.87	1.27	-0.2	345	3	249	62	76	28	2	3	1	1.22
BP055B1	14.4	14.9	14.3	14	3.28	2.38	0.88	-0.5	297	9	57	72	204	15	1	4	1	1.22
BP055B2	11.2	11.6	11.1	11	2.47	2.14	0.32	-0.7	299	1	32	78	209	12	1	9	1	0.9
BP055B3	8.27	8.55	8.21	8.05	2.27	1.54	0.72	-0.4	113	3	211	72	22	18	2	4	1	0.78
BP055B4	7.6	7.86	7.54	7.39	2.19	1.5	0.68	-0.4	291	1	199	66	21	23	1	3	1	0.92
BP056A1	0.58	0.59	0.58	0.57	0.11	0.04	0.07	0.23	326	28	189	54	68	20	4	3	2	0.63
BP056A2	0.64	0.65	0.64	0.63	0.14	0.05	0.09	0.27	246	82	137	3	46	7	6	3	2	1.03
BP056A3	0.5	0.5	0.5	0.49	0.08	0.01	0.07	0.76	324	77	159	12	68	3	26	4	3	0.98
BP056A4	0.54	0.55	0.54	0.53	0.08	0.01	0.06	0.63	185	74	317	11	49	11	23	6	5	1.23
BP056B1	0.47	0.47	0.47	0.47	0.03	0	0.03	0.77	319	48	185	32	79	24	51	9	8	0.98
BP056B2	0.59	0.61	0.6	0.58	0.18	0.07	0.11	0.22	267	56	145	20	45	27	4	3	2	1.04
BP056B3	0.58	0.58	0.58	0.57	0.1	0.03	0.07	0.49	160	29	278	40	45	36	7	3	2	0.7
BP056B4	0.4	0.4	0.39	0.39	0.03	0.02	0.01	-0.5	360	40	217	44	107	20	9	26	7	0.72
BP057A1	2.83	2.88	2.86	2.76	0.74	0.16	0.58	0.58	316	13	58	42	212	45	4	1	1	0.61
BP057A2	4.68	4.81	4.69	4.56	1.35	0.61	0.74	0.11	121	5	25	49	215	40	2	2	1	0.51
BP057A3	5.16	5.3	5.15	5.02	1.51	0.81	0.7	-0.1	130	3	37	49	223	41	2	2	1	0.79
BP057A4	9.64	9.84	9.7	9.38	1.95	0.58	1.36	0.41	128	15	18	53	228	33	6	3	2	1.09
BP057B1	7.58	7.76	7.64	7.33	2.06	0.57	1.47	0.45	129	13	28	40	234	47	1	0	0	0.37
BP057B2	9.9	10.1	9.98	9.61	2.07	0.48	1.59	0.54	140	12	39	41	244	47	3	1	1	0.39
BP057B3	9.18	9.43	9.26	8.86	2.49	0.75	1.73	0.4	124	17	20	39	233	46	2	1	1	0.52
BP057B4	9.75	9.97	9.82	9.47	2.11	0.61	1.5	0.43	112	28	7	25	242	50	3	1	1	0.6
BP058A1	0.37	0.38	0.37	0.37	0.07	0.04	0.02	-0.2	360	53	269	0	179	37	6	10	4	2.22
BP058A2	0.41	0.42	0.41	0.41	0.09	0.05	0.04	-0.2	343	42	77	4	171	48	6	9	3	1.09
BP058A3	0.4	0.41	0.4	0.4	0.07	0.05	0.03	-0.3	358	42	256	13	153	46	16	26	10	2.61
BP058A4	0.41	0.41	0.41	0.4	0.08	0.05	0.03	-0.2	357	36	262	7	162	53	7	11	4	1.28
BP058A5	0.41	0.42	0.41	0.41	0.09	0.05	0.04	-0.1	342	43	250	2	158	47	7	9	4	1.32
BP058B1	0.4	0.41	0.4	0.4	0.06	0.05	0.01	-0.7	313	36	45	2	139	53	8	38	7	1.5
BP058B2	0.42	0.43	0.42	0.42	0.07	0.04	0.02	-0.3	311	34	53	17	164	51	6	10	4	0.87
BP058B3	0.43	0.44	0.43	0.43	0.08	0.06	0.02	-0.6	307	30	46	16	161	55	5	18	4	1.21
BP059A1	0.74	0.74	0.74	0.72	0.13	0.03	0.1	0.59	282	32	79	56	185	10	13	4	3	1.28

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP059A2	0.53	0.53	0.53	0.52	0.07	0.05	0.02	-0.4	118	2	25	56	209	34	4	9	3	0.71
BP059A3	0.84	0.85	0.84	0.82	0.17	0.06	0.11	0.29	288	27	75	59	191	15	6	4	2	1.43
BP059A4	0.51	0.52	0.51	0.51	0.04	0.03	0.01	-0.4	284	20	22	23	157	59	11	25	8	1.05
BP059B1	1.08	1.09	1.09	1.07	0.16	0.03	0.13	0.6	270	66	73	23	166	6	14	4	3	0.84
BP059B2	1.01	1.02	1.02	1	0.11	0.01	0.1	0.74	88	1	187	85	358	5	18	3	2	0.49
BP059B3	1.47	1.52	1.48	1.42	0.65	0.28	0.36	0.14	41	64	242	24	149	8	1	1	1	0.78
BP059B4	1.1	1.11	1.1	1.09	0.14	0.07	0.07	0.01	79	59	245	30	339	6	2	2	1	0.21
BP060A1	0.89	0.91	0.89	0.88	0.21	0.13	0.08	-0.3	171	13	297	68	77	17	3	5	2	0.63
BP060A2	0.86	0.88	0.86	0.85	0.17	0.12	0.05	-0.4	344	3	207	86	74	3	4	8	3	0.81
BP060A3	1.59	1.64	1.6	1.53	0.71	0.24	0.47	0.35	141	14	32	52	241	35	2	1	1	0.87
BP060A4	0.75	0.76	0.74	0.74	0.16	0.13	0.03	-0.6	150	20	45	35	264	48	1	6	1	0.68
BP060B1	5.78	6.04	5.78	5.51	2.74	1.34	1.38	0.03	320	13	213	52	59	35	1	1	1	0.95
BP060B2	6.65	6.92	6.72	6.29	3.08	0.95	2.11	0.39	322	3	229	50	55	40	2	1	1	0.87
BP060B3	5.34	5.54	5.42	5.05	2.56	0.63	1.92	0.52	144	3	237	46	51	44	3	1	1	0.76
BP061A1	18	18.6	18	17.4	3.68	1.9	1.75	-0	145	34	320	56	54	2	3	3	2	1.09
BP061A2	18	18.7	18	17.4	4.18	2.25	1.89	-0.1	134	36	320	54	226	3	3	4	2	1.31
BP061A3	17.6	18.3	17.6	16.9	4.27	2.18	2.05	-0	152	39	337	51	244	3	2	2	1	0.73
BP061A4	16.9	17.5	16.9	16.4	3.49	1.85	1.61	-0.1	147	40	334	49	240	4	2	3	1	0.83
BP061A5	18.2	18.8	18.1	17.5	4.1	2.34	1.71	-0.2	135	36	330	53	231	7	3	4	2	1.24
BP061B1	17	17.5	17.2	16.4	3.91	1.06	2.83	0.46	348	27	253	9	146	61	3	1	1	0.51
BP061B2	16.4	16.9	16.6	15.9	3.46	0.96	2.47	0.44	357	27	261	12	150	60	3	1	1	0.59
BP061B3	14.7	15.2	14.9	14.1	3.6	0.8	2.77	0.55	8	24	266	25	137	54	3	1	1	0.77
BP061B4	14.8	15.2	15.1	14.1	3.91	0.56	3.33	0.71	357	7	259	49	93	40	4	1	1	0.77
BP062A1	12.5	12.9	12.5	12	3.64	1.46	2.15	0.2	220	39	3	44	113	19	2	1	1	0.72
BP062A2	5.76	5.9	5.79	5.61	1.49	0.57	0.91	0.24	228	42	105	30	354	33	2	2	1	0.67
BP062A3	15.9	16.5	15.9	15.3	4.17	2.22	1.91	-0.1	227	44	102	31	352	30	1	2	1	1.04
BP062A4	9.92	10.3	9.95	9.57	2.88	1.24	1.62	0.14	226	51	104	23	0	29	2	2	1	0.84
BP062B1	16.7	17.4	16.8	16	4.56	1.99	2.51	0.12	238	54	8	24	110	24	2	2	1	1.68
BP062B2	15.3	15.8	15.3	14.7	4.01	1.65	2.32	0.18	236	50	358	24	102	30	2	1	1	1.04
BP062B3	15.9	16.5	16	15.1	4.78	1.82	2.91	0.24	247	60	8	17	106	24	2	2	1	1.6
BP062B4	15.3	15.8	15.4	14.6	4.14	1.47	2.64	0.29	236	55	358	20	99	27	2	1	1	1.3
BP063A1	7.79	8.09	7.95	7.32	3.63	0.63	2.98	0.66	177	41	62	25	310	38	4	1	1	1.44
BP063A2	15.4	16	15.8	14.5	5.24	0.74	4.47	0.72	195	31	75	41	309	34	4	1	1	0.98
BP063A3	15.5	16.1	15.9	14.4	5.87	0.69	5.15	0.76	200	3	105	59	292	31	6	1	1	1.44
BP063A4	14.5	15	14.8	13.6	5.18	0.69	4.45	0.73	192	28	82	32	313	45	4	1	1	1.09
BP063A5	10.4	11	10.6	9.73	5.3	1.76	3.47	0.34	198	11	102	29	306	58	2	1	1	0.9
BP063B1	13.9	14.6	14.2	13	6.08	1.37	4.65	0.55	37	2	129	47	305	43	2	1	0	0.92
BP063B2	10.7	11.2	10.8	9.94	5.24	1.5	3.69	0.43	203	13	98	48	305	39	2	1	1	1.05
BP063B3	14.3	15.3	14.5	13.3	7.08	2.83	4.13	0.2	205	5	109	46	300	43	2	2	1	2.18
BP063B4	5.57	5.8	5.61	5.29	2.67	0.98	1.67	0.27	210	12	108	46	311	41	3	2	1	1.64
BP064A1	11.8	12.1	11.8	11.4	2.93	1.04	1.87	0.29	245	12	143	44	348	44	3	2	1	1.1
BP064A2	14.4	14.7	14.5	13.9	3.11	0.79	2.31	0.49	249	8	149	52	345	37	5	2	1	1.32
BP064A3	16.1	16.5	16.2	15.5	3.44	0.97	2.44	0.43	79	12	184	51	341	37	2	1	1	0.86
BP064A4	14.5	14.9	14.6	14	3.29	0.85	2.42	0.48	80	15	186	47	337	40	3	1	1	0.86
BP064B1	15.4	16.1	15.6	14.6	5.03	1.55	3.42	0.38	233	20	118	49	338	34	1	1	0	0.71
BP064B2	15.2	15.7	15.4	14.5	4.53	1.04	3.45	0.54	69	0	337	73	159	17	4	1	1	1.52
BP064B3	14.9	15.4	15	14.2	3.97	1.11	2.83	0.44	241	14	133	51	341	36	2	1	1	0.71
BP064B4	15.2	15.7	15.4	14.4	4.46	1.08	3.34	0.51	236	18	122	52	338	32	2	1	0	0.7
BP064B5	16	16.6	16.2	15.3	4.61	1.41	3.15	0.39	230	21	117	46	337	36	3	1	1	1.48
BP064B6	13.5	14	13.6	12.8	4.46	1.45	2.97	0.35	244	20	149	53	346	30	3	1	1	1.35
BP065A1	0.78	0.79	0.79	0.75	0.24	0.03	0.21	0.73	188	29	349	60	93	8	8	1	1	1.01
BP065A2	0.35	0.36	0.35	0.35	0.03	0.01	0.01	-0	204	56	325	19	66	27	9	9	5	1.07

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP065A3	0.49	0.5	0.49	0.49	0.06	0.02	0.04	0.31	337	60	180	28	85	10	5	3	2	0.36
BP065A4	3.89	4.03	3.95	3.7	1.91	0.47	1.43	0.52	236	83	349	3	79	6	4	1	1	0.81
BP065A5	5.9	6.08	6.02	5.61	2.39	0.27	2.12	0.78	343	55	181	33	85	8	6	1	1	0.83
BP065A6	1.21	1.24	1.22	1.16	0.53	0.13	0.4	0.52	79	3	171	25	342	65	3	1	1	0.79
BP065B1	3.49	3.59	3.55	3.35	1.35	0.21	1.14	0.7	348	77	110	7	201	11	5	1	1	1.17
BP065B2	1.05	1.07	1.05	1.01	0.4	0.13	0.27	0.37	68	77	298	9	206	10	3	2	1	0.76
BP065B3	1.77	1.81	1.8	1.7	0.69	0.07	0.62	0.79	54	71	290	11	197	15	9	1	1	1.29
BP066A1	13.2	13.4	13.3	13	1.52	0.35	1.17	0.54	308	15	85	70	215	13	3	1	1	0.39
BP066A2	6.4	6.48	6.47	6.27	1.04	0.05	0.99	0.9	130	14	310	76	220	0	20	1	1	0.54
BP066A3	11.1	11.3	11.2	10.9	1.44	0.43	1.01	0.4	322	55	117	32	214	12	5	2	1	0.63
BP066B1	15.6	15.9	15.8	15.1	2.55	0.08	2.47	0.93	308	37	110	51	211	9	35	1	1	1.24
BP066B2	13.2	13.5	13.4	12.8	2.44	0.37	2.05	0.69	110	33	307	56	205	8	11	2	2	1.42
BP066B3	12.3	12.5	12.4	12	2.15	0.51	1.64	0.53	111	23	313	66	205	8	6	2	1	0.98
BP066B4	13.8	14.1	13.9	13.3	2.78	0.62	2.14	0.55	295	2	37	79	205	10	4	1	1	0.77
BP067A1	3.13	3.25	3.08	3.06	1.11	0.97	0.15	-0.7	291	71	174	9	81	17	1	4	1	0.68
BP067A2	13.7	14.2	13.6	13.3	3.36	2.14	1.19	-0.3	286	71	118	18	27	4	1	2	1	0.77
BP067A3	9.87	10.2	9.8	9.55	2.92	1.83	1.06	-0.3	314	73	137	17	47	1	2	3	1	0.86
BP067A4	0.4	0.4	0.4	0.39	0.02	0	0.01	0.68	197	29	307	32	73	44	65	22	19	1.14
BP067B1	14.7	15	14.7	14.3	2.36	0.85	1.5	0.28	87	48	229	35	334	20	2	1	1	0.7
BP067B2	9.65	9.84	9.66	9.47	1.6	0.77	0.82	0.04	81	34	245	55	346	8	3	2	1	0.57
BP067B3	13.7	14.1	13.7	13.1	3.67	1.43	2.21	0.22	86	44	226	38	333	22	3	2	1	1.39
BP067B4	8.63	8.84	8.64	8.41	1.92	0.88	1.03	0.08	80	37	212	41	327	27	1	1	0	0.52
BP068A1	15.6	16	15.5	15.1	3.14	1.8	1.32	-0.2	275	56	111	33	16	7	1	2	1	0.96
BP068A2	11.7	12	11.6	11.4	2.22	1.48	0.73	-0.3	271	60	117	27	21	11	2	4	1	0.94
BP068A3	13.7	14.1	13.6	13.4	2.58	1.62	0.95	-0.3	260	55	104	32	7	11	1	2	1	0.66
BP068A4	19.3	19.8	19.2	18.9	2.93	1.92	0.99	-0.3	255	64	127	16	31	19	1	2	1	0.49
BP068A5	16	16.4	15.9	15.7	2.25	1.55	0.69	-0.4	241	72	76	18	345	5	2	4	1	0.47
BP068B1	13.7	14.2	13.7	13.2	3.43	1.51	1.9	0.12	236	61	102	21	4	19	3	3	1	1.62
BP068B2	9.88	10.3	9.95	9.44	3.48	1.28	2.16	0.26	255	35	106	51	357	15	2	1	1	0.88
BP068B3	12.6	13	12.7	12.2	3.32	1.34	1.96	0.2	264	47	94	42	359	5	3	2	1	1.49
BP068B4	11.9	12.2	11.9	11.6	2.18	1.21	0.96	-0.1	235	57	85	29	347	13	2	3	1	0.77
BP069A1	15.5	16.4	15.5	14.7	5.66	2.96	2.63	-0.1	80	64	346	2	255	26	2	2	1	1.65
BP069A2	18.8	19.5	18.9	17.9	5.08	1.96	3.06	0.23	72	59	169	4	261	30	1	1	1	1.1
BP069A3	17.2	17.9	17.1	16.5	4.61	2.36	2.21	-0	83	60	181	5	274	29	2	2	1	1.36
BP069A4	14	14.5	14	13.4	3.93	1.81	2.08	0.08	86	61	347	5	254	29	2	2	1	1.44
BP069B1	14.6	15.2	14.7	14	4.27	1.68	2.55	0.21	48	74	194	14	286	9	4	3	2	2.48
BP069B2	15.2	15.9	15.3	14.4	5.34	1.83	3.45	0.32	115	74	23	0	293	16	2	1	1	1.51
BP069B3	15.3	16	15.4	14.5	5.33	1.99	3.28	0.25	78	77	195	6	286	11	3	2	1	2.17
BP070A1	19.2	19.8	19.5	18.4	4.4	1.03	3.34	0.53	211	43	322	20	70	40	7	2	2	1.5
BP070A2	17.7	18.1	18	17	3.52	0.35	3.15	0.8	249	42	343	4	78	48	15	2	2	1.07
BP070A3	17	17.4	17.2	16.4	3.31	0.88	2.4	0.47	180	37	297	31	55	37	7	3	2	1.18
BP070B1	24.5	25.5	24.6	23.4	5.59	2.31	3.21	0.17	344	81	141	8	232	3	3	2	1	1.47
BP070B2	28	29.1	28.2	26.7	5.78	1.94	3.76	0.32	356	81	142	7	232	5	4	2	1	1.94
BP070B3	26.9	27.9	27	25.7	5.46	2.19	3.2	0.19	329	87	146	3	236	0	3	2	1	1.42
BP070B4	24.3	25	24.6	23.4	4.4	1.11	3.26	0.49	338	79	144	11	235	3	8	3	2	1.99
BP071A1	0.63	0.64	0.63	0.61	0.24	0.12	0.12	0.02	309	1	40	54	218	36	2	2	1	0.79
BP071A2	0.51	0.52	0.51	0.5	0.15	0.07	0.08	0.09	332	4	236	56	65	34	4	3	2	0.91
BP071A3	0.43	0.43	0.43	0.42	0.09	0.03	0.06	0.41	164	8	266	56	69	33	13	6	4	1.24
BP071A4	0.71	0.73	0.7	0.69	0.28	0.21	0.06	-0.5	171	10	269	40	70	48	1	5	1	1.07
BP071B1	3.35	3.45	3.36	3.24	1.23	0.54	0.69	0.14	316	11	225	6	108	77	2	1	1	0.89
BP071B2	0.98	1	0.98	0.97	0.22	0.12	0.1	-0.1	311	3	182	85	41	4	3	4	2	0.69
BP071B3	3.01	3.11	2.99	2.95	0.96	0.71	0.25	-0.5	313	0	43	20	223	70	1	2	1	0.61

ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP071B4	0.97	0.99	0.97	0.96	0.24	0.16	0.08	-0.3	311	5	42	9	192	79	2	3	1	0.5
BP071B5	2.61	2.67	2.59	2.57	0.62	0.52	0.1	-0.7	323	1	53	4	217	86	1	4	1	0.41
BP072A1	8.08	8.24	8.09	7.9	1.56	0.67	0.88	0.14	112	19	13	23	237	60	2	2	1	0.81
BP072A2	4.73	4.83	4.71	4.64	1.03	0.63	0.4	-0.2	112	17	18	13	252	68	1	2	1	0.39
BP072A3	9.76	10	9.73	9.53	2.13	1.27	0.85	-0.2	113	10	20	17	231	70	2	4	1	0.9
BP072A4	9.02	9.26	8.94	8.84	1.84	1.43	0.4	-0.6	112	14	15	27	226	60	2	7	1	0.76
BP072A5	6.11	6.28	6.05	5.99	1.49	1.17	0.31	-0.6	102	17	0	33	215	52	2	8	2	1.23
BP072A6	5.73	5.86	5.72	5.62	1.21	0.72	0.49	-0.2	114	11	22	12	246	74	1	2	1	0.47
BP072B1	7.29	7.55	7.4	6.92	3.02	0.67	2.34	0.56	105	24	359	32	224	48	3	1	1	1.15
BP072B2	7.54	7.86	7.53	7.25	2.89	1.54	1.33	-0.1	91	23	352	21	224	58	2	2	1	1.39
BP072B3	5.83	6	5.89	5.59	2.1	0.56	1.54	0.47	106	22	360	35	221	47	4	1	1	1.07
BP072B4	5.44	5.63	5.49	5.21	2.19	0.75	1.42	0.32	99	21	358	26	223	55	2	1	1	0.59
BP072B5	5.26	5.44	5.37	4.97	2.52	0.37	2.14	0.71	108	24	4	29	232	51	5	1	1	0.89
BP072B6	6.5	6.71	6.6	6.18	2.6	0.5	2.09	0.62	95	29	352	22	231	52	6	2	1	1.6
BP073A1	5.29	5.58	5.27	5.01	3.04	1.64	1.38	-0.1	321	66	175	21	80	13	2	2	1	1.26
BP073A2	5.37	5.64	5.32	5.14	2.6	1.65	0.94	-0.3	345	68	194	19	101	10	1	2	1	0.95
BP073A3	5.21	5.49	5.2	4.95	2.85	1.48	1.35	-0	328	67	178	20	84	11	2	2	1	1.3
BP073A4	8.35	8.76	8.35	7.96	3.63	1.84	1.76	-0	346	53	170	37	79	2	1	1	1	1.37
BP073A5	3.21	3.37	3.2	3.06	1.82	0.98	0.83	-0.1	338	78	201	9	110	8	1	1	1	1.14
BP073A6	5.17	5.45	5.11	4.95	2.62	1.79	0.81	-0.4	338	64	184	23	89	10	1	2	1	0.91
BP073A7	6.14	6.51	6.13	5.77	3.74	1.84	1.86	0.03	337	63	160	27	69	1	2	2	1	1.81
BP073B1	10.4	10.8	10.5	9.96	3.44	1.36	2.05	0.21	314	63	175	21	79	16	2	1	1	0.71
BP073B2	12.1	12.5	12.1	11.7	3.17	1.89	1.25	-0.2	282	63	174	9	80	25	2	2	1	0.92
BP073B3	11.2	11.8	11.1	10.7	4.19	2.56	1.6	-0.2	331	57	179	29	81	13	1	2	1	0.94
BP073B4	12	12.5	11.9	11.7	3.06	2.17	0.88	-0.4	339	55	164	35	72	3	1	3	1	0.72
BP073B5	11.4	11.8	11.4	11	3.27	1.64	1.6	0	316	49	180	32	74	23	2	2	1	0.93
BP073B6	14.1	14.6	14.2	13.7	3.47	1.6	1.84	0.08	347	57	175	33	83	3	2	1	1	0.87
BP074A1	29.9	31	30.1	28.5	5.76	2	3.68	0.3	280	53	17	5	111	36	2	1	1	0.84
BP074A2	23	23.7	23.2	22.2	3.9	1.22	2.65	0.37	291	44	22	1	113	46	3	1	1	0.79
BP074A3	14.6	15.5	14.6	13.8	6.34	3.19	3.05	-0	300	49	165	32	59	23	2	2	1	2.05
BP074A4	21.3	22.1	21	20.7	4.21	3.25	0.93	-0.6	279	51	19	8	115	38	1	4	1	0.71
BP074A5	24.3	25.3	24.3	23.2	5.74	2.75	2.91	0.04	286	47	190	5	96	42	1	1	0	0.64
BP074A6	22.5	23.2	22.7	21.5	4.81	1.46	3.3	0.39	278	42	15	7	113	47	2	1	1	0.57
BP074B1	10.1	10.4	10.3	9.62	3.44	0.56	2.86	0.68	357	36	232	38	114	31	6	1	1	0.99
BP074B2	13.1	13.6	13.3	12.5	4.28	1.41	2.83	0.34	318	55	216	8	121	34	3	2	1	1.38
BP074B3	15.5	16.1	15.7	14.8	4.66	1.26	3.35	0.46	352	43	238	23	129	38	5	2	1	2.25
BP074B4	8.3	8.69	8.27	7.94	3.46	1.92	1.51	-0.1	313	55	210	9	114	34	2	2	1	1.85
BP074B5	7.41	7.67	7.59	6.97	3.37	0.38	2.98	0.78	13	18	266	43	120	42	9	1	1	1.77
BP074B6	11.8	12.4	11.9	11.1	5.27	1.84	3.37	0.3	343	52	231	16	131	33	2	1	1	1.27
BP074B7	7.25	7.41	7.37	6.96	2.16	0.2	1.96	0.82	41	11	298	49	140	39	9	1	1	0.97
BP075A1	21.7	23.4	21.1	20.5	8.59	6.56	1.91	-0.5	330	47	97	29	204	28	1	3	1	1.24
BP075A2	21.4	23	21	20.1	8.6	5.75	2.7	-0.3	328	53	88	21	191	29	1	3	1	1.6
BP075A3	22.2	24.1	21.8	20.8	9.68	6.65	2.84	-0.4	319	42	71	22	181	39	1	3	1	1.62
BP075A4	27.8	30.1	27	26.3	9.2	7.38	1.69	-0.6	325	40	232	4	138	50	1	4	1	1.78
BP075A5	25.9	27.7	25.3	24.7	7.63	6.03	1.51	-0.6	313	41	55	12	158	46	1	5	1	1.94
BP075A6	19.9	21.4	19.5	19	7.29	5.53	1.67	-0.5	336	42	241	5	145	47	1	3	1	0.97
BP075B1	28.6	31	27.9	26.8	10.3	7.22	2.87	-0.4	321	23	74	43	212	39	1	3	1	1.84
BP075B2	26.7	29.1	26	25	10.7	7.89	2.63	-0.5	316	24	70	43	207	37	1	3	1	1.99
BP075B3	29.1	31.6	28.6	27.1	11.1	7.01	3.82	-0.3	315	28	76	44	205	32	1	2	1	1.72
BP075B4	20.8	22.3	20.5	19.4	8.61	5.15	3.29	-0.2	318	21	82	56	217	26	1	2	1	1.23
BP076A1	1.45	1.48	1.46	1.42	0.36	0.12	0.24	0.35	6	8	268	43	105	46	6	3	2	1.25
BP076A2	0.87	0.88	0.87	0.86	0.13	0.08	0.05	-0.3	1	18	256	38	110	47	3	6	2	0.46

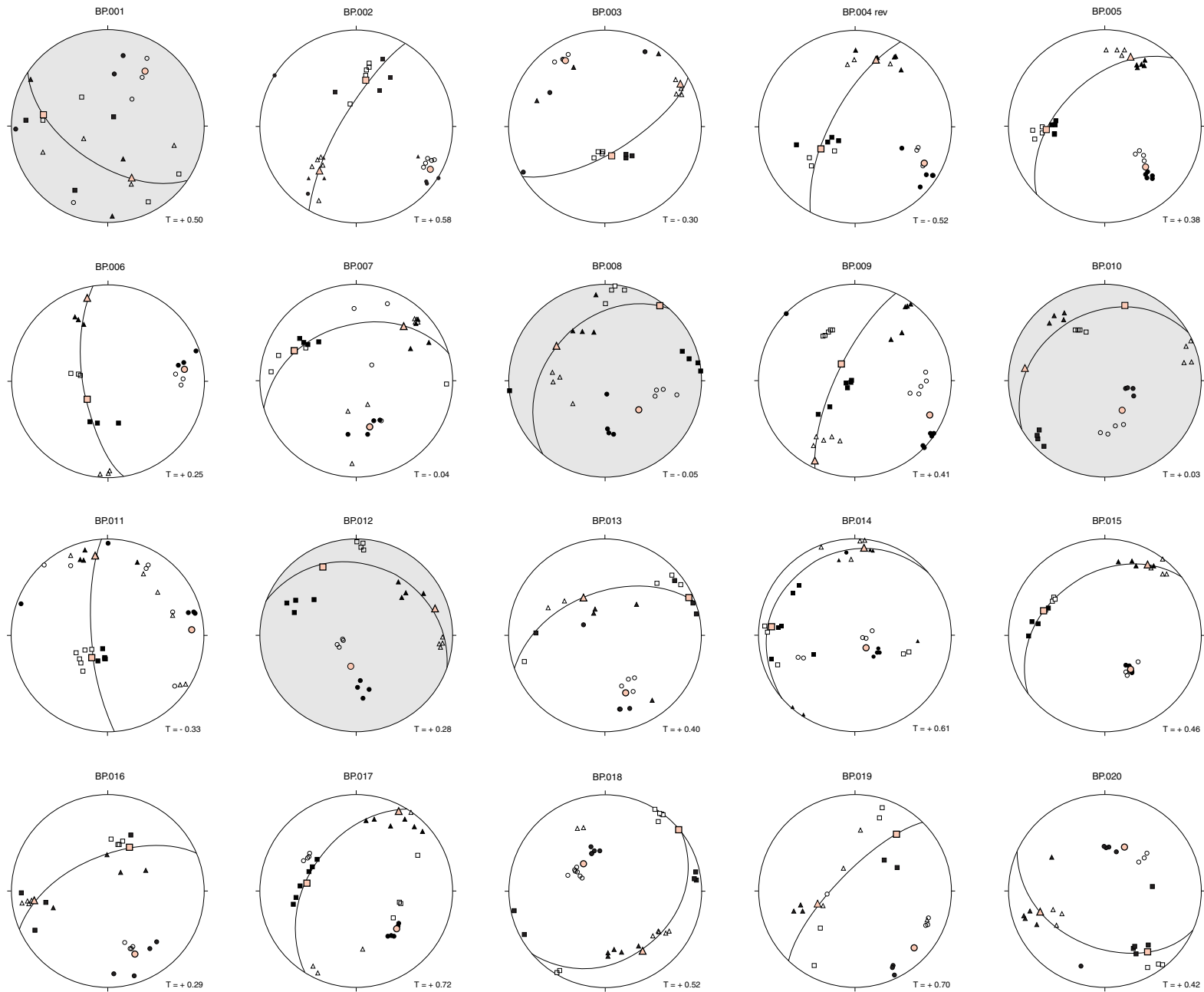
ID	Km	K1	K2	K3	P%	L%	F%	T	K1D	K1I	K2D	K2I	K3D	K3I	a(K1)	a(K3)	a(K2)	StEr
BP076A3	4.5	4.7	4.61	4.2	2.73	0.5	2.21	0.64	189	3	284	54	97	36	5	1	1	1.14
BP076A4	3.35	3.48	3.41	3.16	1.89	0.38	1.5	0.6	9	10	263	57	106	31	3	1	1	1.23
BP076A5	10.1	10.6	10.3	9.4	5.04	1.13	3.87	0.55	352	27	240	37	108	41	6	2	1	1.93
BP076B1	11.9	13.2	12.2	10.4	11.3	3.83	7.22	0.33	20	52	243	29	140	21	2	1	1	1.97
BP076B2	13.7	15	14	12.1	11	3.53	7.22	0.36	25	50	249	31	144	22	2	1	1	1.9
BP076B3	12.6	13.9	12.8	11.1	11	4.02	6.72	0.27	22	51	244	31	140	21	2	1	1	2.39
BP076B4	12.2	13.4	12.5	10.8	10.5	3.36	6.92	0.36	31	45	255	36	147	23	1	1	0	1.55
BP076B5	9.06	9.89	9.2	8.08	8.2	2.98	5.07	0.28	21	51	244	30	140	22	1	1	0	0.95
BP077A1	15.5	16.1	15.5	14.8	4.7	2.1	2.55	0.11	177	6	85	17	286	72	2	2	1	1.69
BP077A2	25.9	27.3	25.6	25	5.87	4.31	1.49	-0.5	191	13	282	3	24	76	0	1	0	0.5
BP077A3	5.81	6.12	5.79	5.53	3	1.64	1.34	-0.1	185	7	93	16	297	73	1	1	0	0.64
BP077A4	22.5	23.5	22.4	21.6	5.42	3.01	2.34	-0.1	193	11	97	27	303	61	1	1	1	0.65
BP077A5	31.2	33.3	30.4	29.7	8.31	6.52	1.68	-0.6	178	17	301	62	81	22	1	3	1	1.26
BP077A6	24.6	25.4	24.5	23.7	4.51	2.41	2.05	-0.1	194	4	98	59	286	30	3	3	2	1.6
BP077B1	42	42.8	42.1	40.9	3.44	1.31	2.11	0.24	206	36	74	43	316	26	3	2	1	0.57
BP077B2	44	44.6	44.3	43.2	2.43	0.55	1.87	0.55	100	50	219	22	324	31	5	2	1	0.42
BP077B3	41.7	42.5	42.2	40.5	3.84	0.59	3.23	0.69	80	66	218	18	313	15	5	1	1	0.43
BP077B4	42.4	43.5	42.7	40.9	4.65	1.32	3.29	0.43	137	68	35	5	303	22	5	2	1	0.92
BP077B5	42.4	43.3	42.6	41.2	3.82	1.18	2.62	0.38	166	57	58	12	321	31	4	2	1	0.63
BP077B6	49.9	51.4	50.5	48	5.41	1.42	3.93	0.47	73	54	216	30	317	17	2	1	1	0.45
BP078A1	13.1	14.2	13.2	11.8	9.38	3.73	5.44	0.21	115	16	20	16	247	67	2	2	1	3.05
BP078A2	16.1	17.5	16.3	14.4	10.8	4.08	6.47	0.24	120	9	27	18	235	70	1	1	0	1.61
BP078A3	10	10.8	10.1	9.29	6.44	3.03	3.31	0.07	109	11	17	10	248	75	2	2	1	1.45
BP078A4	8.51	8.99	8.51	8.02	4.43	2.12	2.26	0.05	111	12	18	14	241	72	1	1	1	0.78
BP078A5	12.2	13.1	12.2	11.2	7.36	3.19	4.04	0.14	112	10	20	12	241	74	2	1	1	1.54
BP078A6	9.8	10.5	9.91	9.03	6.27	2.38	3.8	0.25	106	12	14	11	240	74	1	1	1	0.94
BP078B1	9.82	10.5	9.89	9.04	6.46	2.68	3.68	0.18	112	9	19	21	223	67	3	2	1	2.28
BP078B2	10.3	11	10.4	9.55	6.24	2.52	3.63	0.2	111	13	16	23	228	63	1	1	1	1.05
BP078B3	13.4	14.9	13.8	11.7	12.6	4.1	8.11	0.35	106	3	14	25	203	65	1	0	0	1.17
BP078B4	8.66	9.29	8.72	7.98	5.95	2.52	3.34	0.16	113	10	17	31	218	57	1	1	1	0.92
BP078B5	13.6	14.9	13.8	12.3	9.91	3.91	5.77	0.21	108	10	15	15	231	71	1	1	0	1.25
BP078B6	14.5	15.8	14.7	13.1	9.95	3.76	5.96	0.24	115	10	21	23	227	65	2	1	1	2.05

site	Km	MKm	mKm	s(K)	cv(K)	P%	L%	F%	MP%	mP%	s(P%)	cv(P%)	T	MPT	mT	s(T)	cv(T)	StE	K1D	K1I	ecmx1s(K1)	a(K1)	K3D	K3I	ecmx3	s(K3)	a(K3)	Nb	
BP001	0.43	1.06	0.3	0.26	59	0.08	0.02	0.06	0.36	0.01	0.12	146	0.5	0.75	-0.57	0.41	0.94	2.12	292	30	73	48	19	34	32	63	35	22	7
BP002	12.4	16.45	7.01	3.63	29	5.16	1.08	4.04	7.26	2.28	2.01	39	0.58	0.76	-0.1	0.34	0.85	2.18	11	49	26	17	6	120	13	87	30	2	9
BP003	12.6	16.91	9.63	2.34	19	5.35	3.48	1.81	7.33	3.78	1.17	22	-0.3	0.1	-0.89	0.37	1.05	0.93	167	65	17	12	1	329	21	87	41	4	7
BP004	30.3	36.45	20.49	6.23	21	6.91	5.24	1.59	9.21	4.17	1.64	24	-0.5	-0.14	-0.91	0.26	0.83	1.42	247	57	27	18	1	132	21	25	21	5	7
BP005	18	22.82	12.49	3.88	22	10.97	3.37	7.35	14.53	7.89	2.14	20	0.38	0.52	0.25	0.08	0.78	2.31	267	39	14	9	3	135	40	15	11	1	9
BP006	23.6	31.82	17.81	5.41	23	6.96	2.59	4.26	9.77	4.43	1.66	24	0.25	0.44	0.09	0.11	0.89	1.51	229	67	33	24	3	81	21	20	11	2	6
BP007	29.4	40.34	14.29	9.41	32	6.47	3.35	3.02	11.94	3.3	2.87	44	-0	0.33	-0.54	0.33	1.27	1.69	296	27	41	21	2	164	49	76	42	4	8
BP008	30.4	31.27	29.52	0.71	2	1.92	1.01	0.91	2.29	1.52	0.23	12	-0.1	0.3	-0.3	0.19	1.13	0.71	41	9	44	36	3	131	52	35	28	3	8
BP009	27.2	43.05	12.64	8.78	32	4.97	1.46	3.46	6.92	3.83	0.9	18	0.41	0.83	-0.11	0.3	0.93	1.44	308	67	44	28	6	115	16	31	23	2	11
BP010	33	38.65	27.75	4.14	13	8.07	3.87	4.05	10.11	6.29	1.32	16	0.03	0.57	-0.73	0.51	1.46	1.38	15	20	52	44	2	150	61	26	19	3	8
BP011	1	1.3	0.85	0.11	11	0.2	0.13	0.07	0.36	0.13	0.07	34	-0.3	0.19	-0.83	0.32	0.99	1.09	216	67	14	11	4	79	13	79	47	11	11
BP012	34.2	39.43	27.82	4.08	12	5.28	1.89	3.33	7.17	3.31	1.41	27	0.28	0.54	-0.17	0.3	1.02	1.58	334	22	40	33	4	191	63	30	22	2	8
BP013	16.5	19.9	10.62	3.11	19	2.72	0.81	1.89	3.25	2.06	0.39	14	0.4	0.95	-0.4	0.37	0.98	1.02	63	2	42	21	10	160	37	68	27	3	8
BP014	17.5	19.23	11.11	2.17	12	8.74	1.68	6.95	10.11	5.5	1.26	14	0.61	0.84	0.32	0.19	0.74	2.42	276	14	61	33	8	139	76	86	37	2	11
BP015	15	16.59	12.25	1.34	9	8.92	2.4	6.37	11.49	7.28	1.31	15	0.46	0.66	0.24	0.13	0.78	2.49	292	32	22	12	3	143	54	9	5	1	8
BP016	16.9	26.99	8.81	6.66	39	3.73	1.32	2.38	5.79	1.77	1.48	40	0.29	0.87	-0.01	0.27	0.98	0.84	17	43	85	49	5	157	30	23	15	1	8
BP017	20.3	22.14	16.35	1.78	9	4.35	0.6	3.74	5.03	3.93	0.33	8	0.72	0.83	0.57	0.1	0.64	1.25	279	47	83	53	11	134	27	67	44	2	10
BP018	50.4	57.41	42.63	4.92	10	7.52	1.78	5.64	9.22	5.8	1.16	15	0.52	0.79	0.07	0.23	0.81	1.48	50	1	34	22	6	321	60	17	12	2	12
BP019	25.1	29.5	22.44	2.27	9	5.87	0.86	4.97	6.85	4.47	0.7	12	0.7	0.83	0.6	0.08	0.63	1.63	33	26	73	38	8	134	16	90	39	1	7
BP020	41.9	47.66	34.73	4.11	10	6.73	1.91	4.73	7.16	6.24	0.29	4	0.42	0.55	0.34	0.06	0.74	1.21	145	24	52	23	4	24	49	68	28	2	8
BP021	27.5	33.54	21.62	3.55	13	7.45	4.47	2.85	8.57	6.74	0.68	9	-0.2	-0.08	-0.34	0.09	0.9	2.41	205	19	77	28	2	101	41	60	25	3	8
BP022	12.2	18.39	6.11	5.17	42	5.28	3.81	1.42	6.92	2.88	1.64	31	-0.4	-0.1	-0.57	0.13	0.78	1.4	26	10	14	12	1	137	70	21	17	4	8
BP023	39.4	43.88	34.92	2.88	7	10.46	3.1	7.14	11.4	8.69	0.91	9	0.39	0.55	0.33	0.07	0.77	1.6	7	28	58	23	3	157	61	25	11	2	7
BP024	8.19	17.28	3.26	4.22	52	5.62	1.88	3.67	10.47	2.71	2.41	43	0.34	0.49	-0.07	0.19	0.89	1.99	252	50	14	7	2	103	35	8	5	1	8
BP025	11.8	20.35	0.76	9.45	80	10.25	3.08	6.95	14.33	0.5	6.41	63	0.4	0.65	0.32	0.11	0.79	1.78	302	58	48	31	4	117	27	44	31	1	7
BP026	4.26	7.08	2.4	1.32	31	2.96	1.3	1.64	4.34	2.09	0.7	24	0.14	0.53	-0.27	0.28	1.12	1.08	244	44	89	33	1	84	49	28	22	1	9
BP027	21.5	28.25	13.78	6.31	29	3.47	2.19	1.26	4.26	2.57	0.53	15	-0.3	0.08	-0.83	0.26	1	0.96	86	4	28	19	2	210	78	31	18	3	8
BP028	15.2	31.56	0.37	14.8	98	3.68	2.56	1.09	5.17	0.04	2.42	66	-0.4	0.92	-0.52	0.56	1.12	1.55	330	35	87	50	21	67	42	36	32	6	8
BP029	23.8	39.37	9.36	9.29	39	9.47	6.03	3.24	12.64	4.56	3.03	32	-0.3	0.02	-0.77	0.26	0.98	1.8	180	70	37	30	1	346	21	39	32	4	7
BP030	27	30.35	23.01	2.31	9	4.38	1.77	2.57	5.81	3.18	0.84	19	0.19	0.54	-0.1	0.25	1.05	1.28	21	10	23	19	4	226	87	46	40	2	8
BP031	20.6	28.99	11.38	6.37	31	6.46	1.38	5.01	7.94	4.08	1.41	22	0.57	0.74	0.38	0.14	0.73	1.58	358	35	12	8	4	201	53	12	9	1	9
BP032	16.1	17.07	14.69	0.69	4	4.91	3.68	1.19	6.11	3.82	0.7	14	-0.5	-0.32	-0.79	0.16	0.77	1.52	172	19	14	11	1	300	61	37	19	4	7
BP033	5.98	12.65	0.78	4.45	74	1.16	0.51	0.65	2.16	0.16	0.61	53	0.12	0.53	-0.18	0.24	1.1	0.8	211	81	85	46	3	173	13	71	37	3	8

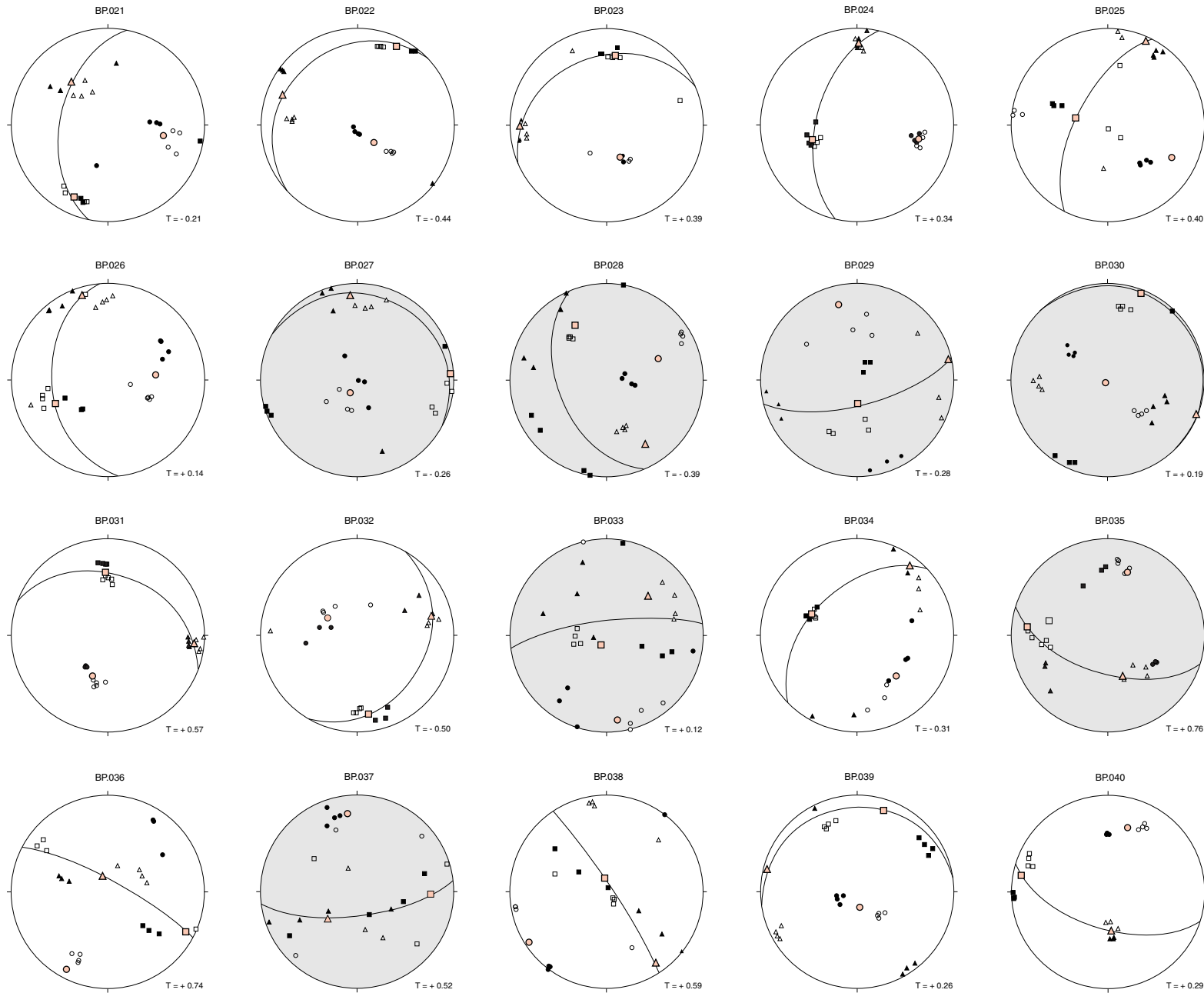
site	Km	MKm	mKm	s(K)	cv(K)	P%	L%	F%	MP%	mP%	s(P%)	cv(P%)	T	MPT	mT	s(T)	cv(T)	StE	K1D	K1I	ecmx1	s(K1)	a(K1)	K3D	K3I	ecmx3	s(K3)	a(K3)	Nb
BP034	22.77	26.6	12.8	4.36	19	9.03	5.88	2.97	10.34	7.43	0.89	10	-0.31	0.17	-0.7	0.32	1	1.92	295	47	7	5	1	136	41	45	25	4	7
BP035	17.01	19.7	14.7	1.54	9	9.09	1.09	7.92	10.23	7.98	0.82	9	0.76	0.89	0.65	0.08	0.61	2.38	284	37	61	36	8	17	32	78	48	1	8
BP036	0.43	0.46	0.41	0.02	5	0.1	0.01	0.08	0.11	0.09	0.01	7	0.74	0.76	0.38	0.14	0.65	1.11	125	8	34	27	15	208	10	24	19	4	7
BP037	5.14	8.38	0.54	3.4	66	2.51	0.61	1.89	4.43	0.07	1.65	66	0.52	0.92	-0.59	0.46	0.96	1.37	92	25	75	46	7	353	20	58	32	4	7
BP038	18.57	25.6	5.48	7.47	40	7.99	1.63	6.25	10.37	2.38	3.01	38	0.59	0.77	0.38	0.11	0.7	1.26	298	77	47	27	4	237	5	81	36	1	7
BP039	31.7	33.8	29.5	1.58	5	4.61	1.7	2.86	5.57	3.95	0.54	12	0.26	0.45	-0.03	0.15	0.91	1.44	17	25	43	38	3	172	77	22	19	2	8
BP040	21.24	23.3	17.3	1.89	9	8.6	3.01	5.43	9.91	7.07	1.03	12	0.29	0.38	0.14	0.07	0.83	1.91	281	9	17	13	3	17	31	18	14	2	7
BP041	14.35	21.5	7.41	5.84	41	5.27	2.53	2.67	6.39	4.26	0.69	13	0.04	0.18	-0.19	0.11	1.07	1.05	94	52	46	43	2	217	32	15	10	2	8
BP042	17.42	23.3	9.4	6.25	36	4.6	0.66	3.91	6.01	2.22	1.72	37	0.71	0.83	0.59	0.07	0.62	1.05	168	26	29	18	7	63	30	17	13	1	7
BP043	17.5	24	7.53	6.18	35	6.01	2.27	3.65	7.29	3.46	1.41	23	0.24	0.67	-0.02	0.24	1	1.11	349	21	66	31	3	123	59	77	30	1	8
BP044	6.87	8.13	5.34	0.94	14	3.06	0.83	2.21	4.41	2.36	0.64	21	0.46	0.74	0	0.21	0.82	1.27	187	39	25	18	3	67	30	26	19	1	8
BP045	32.02	44.6	11.3	10.18	32	12.2	5.07	6.73	19.49	6.13	4.76	39	0.15	0.42	-0.19	0.18	1.03	1.79	312	19	22	14	2	218	19	18	11	2	9
BP046	14.04	19.3	9.01	3.84	27	5.26	2.35	2.84	8.01	1.95	2.24	43	0.11	0.23	-0.53	0.25	1.14	0.83	187	15	28	17	2	90	32	51	21	2	11
BP047	0.29	0.33	0.26	0.02	8	0.1	0.07	0.03	0.15	0.09	0.02	19	-0.37	-0.11	-0.29	0.06	0.77	1.17	310	29	73	42	2	58	51	47	28	3	9
BP048	1.9	4.67	0.14	1.85	98	2.92	0.91	1.99	6.91	0.04	2.77	95	0.42	0.56	0.24	0.11	0.78	2.06	271	61	17	12	4	104	31	16	13	2	8
BP049	0.2	0.24	0.16	0.03	16	0.04	0.02	0.02	0.03	0.02	0	11	0.01	0.64	0	0.23	1.22	1.16	226	58	57	31	14	88	18	23	15	6	7
BP050	2.95	4.07	1.99	0.71	24	1.42	0.77	0.65	2.09	1.08	0.27	19	-0.07	0.2	-0.5	0.24	1.16	1.07	239	59	11	8	2	12	20	78	29	2	9
BP051	64.48	74.9	37.5	11.47	18	6.77	0.83	5.88	7.54	4.84	0.81	12	0.75	0.82	0.69	0.05	0.6	1.19	316	55	35	17	8	62	9	8	6	1	7
BP052	29.3	31	27.5	1.32	4	6.12	1.22	4.85	6.94	5.38	0.59	10	0.6	0.76	0.32	0.15	0.72	1.59	298	54	9	7	5	100	34	8	5	1	7
BP053	34.92	43.6	21.3	8.34	24	8.05	3.13	4.77	10.46	4.7	2.48	31	0.21	0.3	-0.36	0.22	1	1.16	334	50	30	21	2	73	12	23	15	2	7
BP054	1.51	2.03	1.09	0.34	22	0.61	0.12	0.49	0.87	0.32	0.21	35	0.62	0.65	0.36	0.1	0.68	1.04	163	7	40	23	6	70	21	23	14	1	7
BP055	13.61	21.6	7.6	5.42	40	3.68	2.3	1.34	5.46	2.19	1.27	35	-0.25	-0.05	-0.73	0.21	0.96	0.91	314	6	31	24	1	45	16	37	31	4	7
BP056	0.54	0.64	0.4	0.07	13	0.1	0.04	0.06	0.18	0.03	0.05	46	0.17	0.77	-0.52	0.39	1.19	0.91	312	68	81	39	16	62	19	42	22	7	8
BP057	7.34	9.9	2.83	2.58	35	1.83	0.58	1.25	2.49	0.74	0.52	28	0.37	0.58	-0.06	0.21	0.88	0.61	128	10	25	14	3	228	44	12	9	1	8
BP058	0.41	0.43	0.37	0.02	4	0.07	0.06	0.01	0.09	0.06	0.01	14	-0.75	-0.08	-0.68	0.19	0.68	1.51	335	42	26	18	8	161	49	18	9	16	8
BP059	0.91	1.47	0.51	0.3	33	0.19	0.06	0.13	0.65	0.04	0.18	94	0.4	0.74	-0.41	0.41	1.01	0.85	284	23	85	46	9	174	13	47	27	7	8
BP060	3.12	6.65	0.75	2.46	79	1.55	0.57	0.98	3.08	0.16	1.25	81	0.28	0.52	-0.61	0.4	1.1	0.8	150	5	22	16	2	65	16	66	37	3	7
BP061	16.85	18.2	14.7	1.23	7	3.85	1.57	2.25	4.27	3.46	0.28	7	0.19	0.71	-0.15	0.31	1.11	0.87	157	16	50	35	3	62	7	83	49	2	9
BP062	13.4	16.7	5.76	3.56	27	3.83	1.61	2.19	4.78	1.49	1	26	0.16	0.29	-0.06	0.1	0.95	1.11	231	50	14	8	2	111	22	84	50	2	8
BP063	12	15.5	5.57	3.37	28	5.26	1.25	3.96	7.08	2.67	1.23	23	0.53	0.76	0.2	0.2	0.79	1.29	201	16	33	17	3	306	41	17	9	1	9
BP064	14.69	16.1	11.8	1.22	8	4	1.13	2.83	5.03	2.93	0.7	17	0.43	0.54	0.29	0.07	0.75	1.06	245	9	29	16	3	341	33	50	17	1	10
BP065	2.1	5.9	0.35	1.79	85	0.94	0.17	0.76	2.39	0.03	0.8	85	0.64	0.79	-0.04	0.26	0.77	0.9	340	84	88	42	6	63	6	81	41	2	9
BP066	12.23	15.6	6.4	2.7	22	2.03	0.35	1.67	2.78	1.04	0.61	30	0.65	0.93	0.4	0.19	0.72	0.85	302	3	55	32	12	211	9	13	7	1	7

site	Km	MKm	mKm	s(K)	cv(K)	P%	L%	F%	MP%	mP%	s(P%)	cv(P%)	T	MPT	mT	s(T)	cv(T)	StE	K1D	K1I	ecmx1	s(K1)	a(K1)	K3D	K3I	ecmx3	s(K3)	a(K3)	Nb
BP067	9.21	14.65	0.4	4.81	52	2.33	1.2	1.12	3.67	0.02	1.14	49	-0.03	0.68	-0.73	0.4	1.36	0.83	78	67	74	40	10	360	20	76	45	5	8
BP068	13.81	19.31	9.88	2.65	19	2.83	1.55	1.27	3.48	2.18	0.51	18	-0.09	0.26	-0.38	0.23	1.12	0.92	256	57	22	12	2	5	12	26	15	3	9
BP069	15.79	18.77	14	1.51	10	4.89	2.08	2.75	5.66	3.93	0.59	12	0.15	0.32	-0.05	0.13	0.99	1.67	80	67	13	9	2	273	22	20	16	2	7
BP070	22.52	28.01	17	4.15	18	4.73	1.47	3.21	5.78	3.31	0.93	20	0.37	0.8	0.17	0.2	0.88	1.51	232	76	45	29	7	58	15	37	24	2	7
BP071	1.47	3.35	0.43	1.1	75	0.45	0.27	0.18	1.23	0.09	0.38	83	-0.19	0.41	-0.67	0.34	1.12	0.79	323	1	30	16	3	84	72	73	42	3	9
BP072	6.77	9.76	4.73	1.51	22	2.05	0.87	1.17	3.02	1.03	0.62	30	0.16	0.71	-0.57	0.43	1.24	0.94	106	19	14	9	3	228	58	17	10	3	12
BP073	8.47	14.14	3.21	3.42	40	3.2	1.76	1.42	4.19	1.82	0.58	18	-0.09	0.21	-0.41	0.17	1.07	1.06	330	63	21	11	2	82	10	28	13	2	13
BP074	16.08	29.87	7.25	7.08	44	4.56	1.76	2.76	6.34	2.16	1.13	25	0.23	0.82	-0.55	0.36	1.11	1.24	314	51	79	33	4	115	39	50	17	2	13
BP075	24.4	29.11	19.9	3.36	14	9.24	6.57	2.5	11.1	7.29	1.21	13	-0.43	-0.2	-0.61	0.13	0.79	1.59	322	36	17	12	1	190	40	38	22	3	10
BP076	7.98	13.67	0.87	4.69	59	7.04	2.31	4.63	11.3	0.13	4.45	63	0.36	0.64	-0.29	0.25	0.92	1.48	11	32	35	22	3	126	32	24	19	2	10
BP077	32.32	49.94	5.81	12.96	40	4.58	2.03	2.5	8.31	2.43	1.49	32	0.11	0.69	-0.58	0.39	1.25	0.81	180	29	76	41	3	310	39	76	34	2	12
BP078	11.67	16.08	8.51	2.36	20	8.15	3.23	4.77	12.6	4.43	2.35	29	0.21	0.35	0.05	0.08	0.89	1.51	111	10	9	5	2	230	69	13	7	1	12

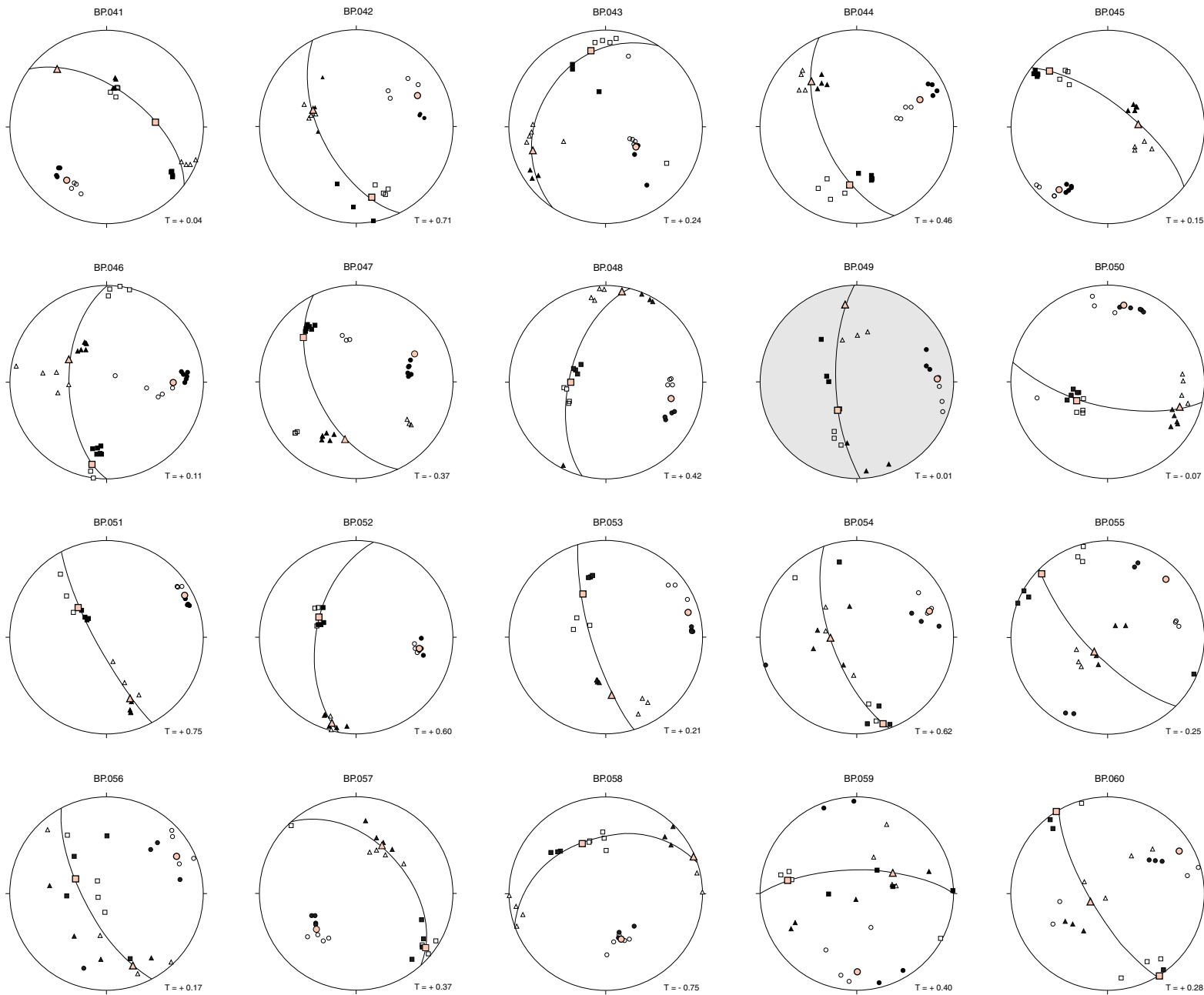




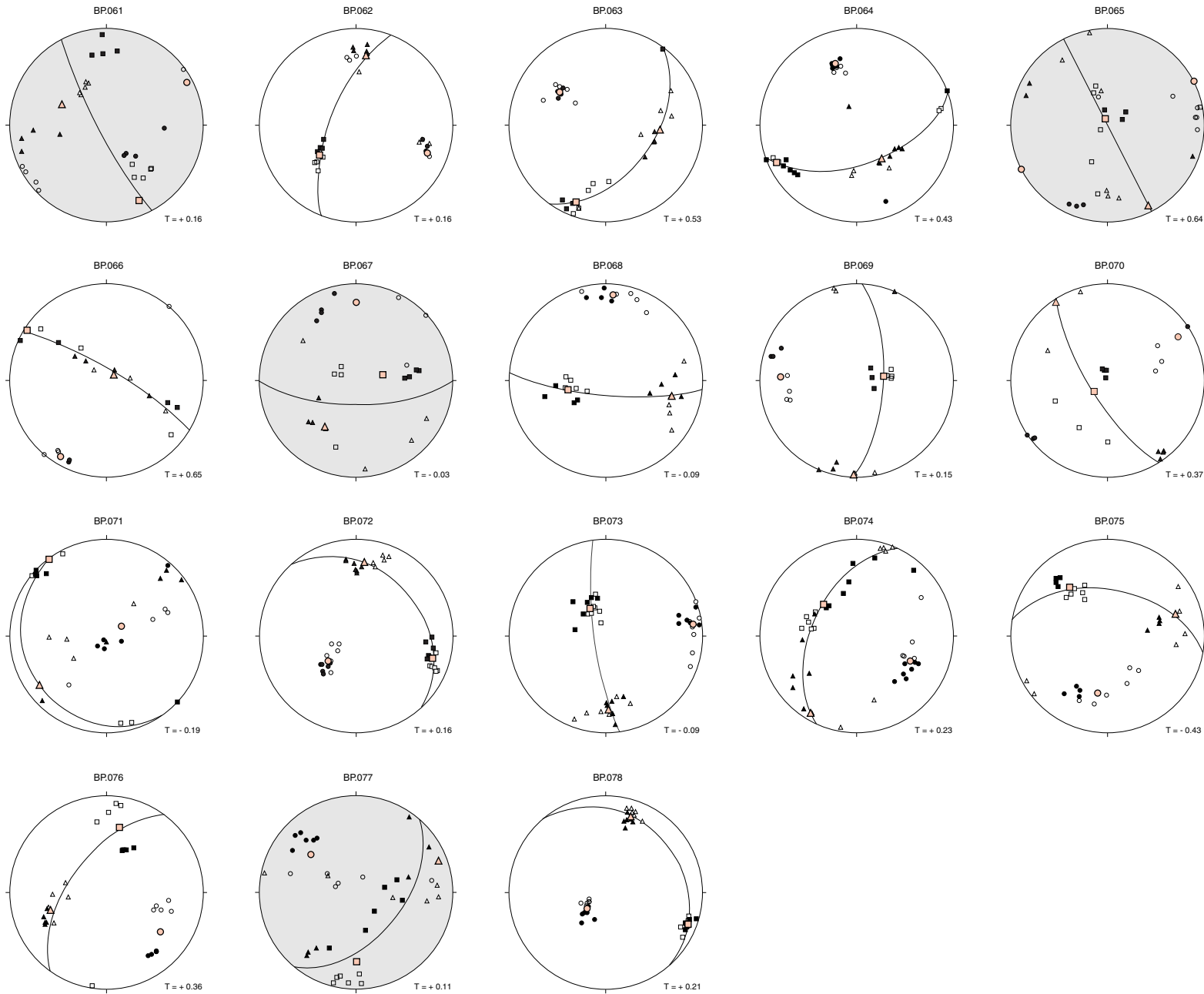
Appendix 3: Stereonets of k1, k2, k3 data from A and B cores at individual sample sites;  $\square$  = k1  $\triangle$  = k2  $\circ$  = k3  
 $\square$  empty symbols - A core;  $\blacksquare$  solid symbols - B core;  $\color{red}\square$  colored symbols - vector averages



Appendix 3: Stereonets of k1, k2, k3 data from A and B cores at individual sample sites;  $\square$  = k1  $\triangle$  = k2  $\circ$  = k3  
 $\square$  empty symbols - A core;  $\blacksquare$  solid symbols - B core;  $\color{red}\square$  colored symbols - vector averages

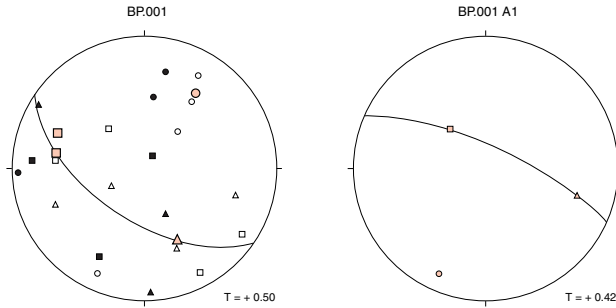


Appendix 3: Stereonets of k1, k2, k3 data from A and B cores at individual sample sites;  $\square = k1$   $\triangle = k2$   $\circ = k3$   
 $\square$  empty symbols - A core;  $\blacksquare$  solid symbols - B core;  $\color{red}\square$  colored symbols - vector averages

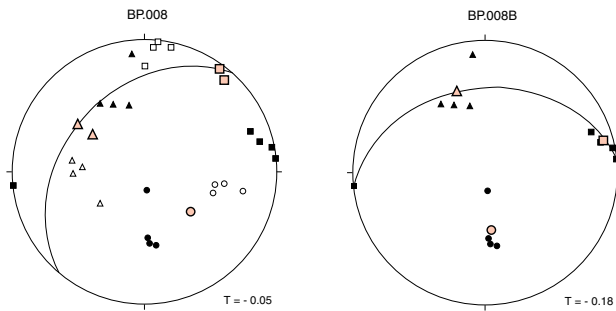


Appendix 3: Stereonets of k1, k2, k3 data from A and B cores at individual sample sites;  $\square$  = k1  $\triangle$  = k2  $\circ$  = k3  
 $\square$  empty symbols - A core;  $\blacksquare$  solid symbols - B core;  $\color{red}\square$  colored symbols - vector averages

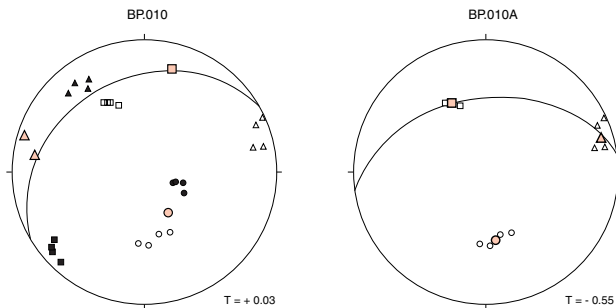
original A and B AMS fabric  selected      AMS fabric  fabric type       reason for selection



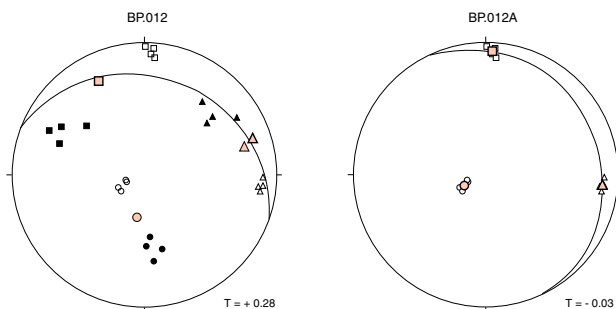
8  A1 has the highest Km and P% values.  
 The remainder of the core pieces  
 have low values.



4  B core has foliation and lineation  
 trend more consistent with surrounding  
 measurements.



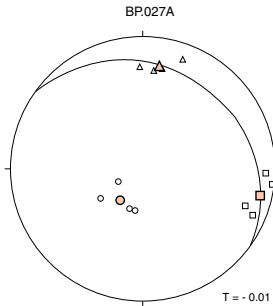
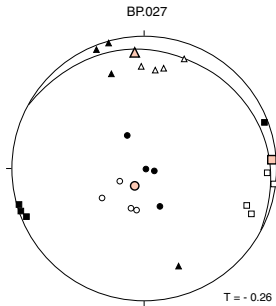
4  A core has foliation and lineation  
 trend more consistent with surrounding  
 measurements.



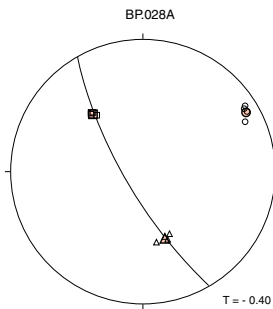
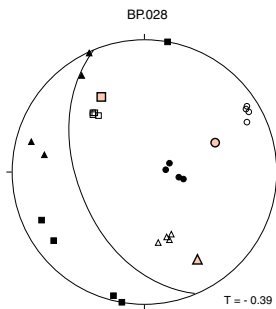
4  A core has foliation and lineation  
 trend and shape fabric more  
 consistent with surrounding  
 measurements.

Appendix 4: Stereonets of selected k1, k2, k3 data from either A or B cores at problem sample sites;  
 = k1     = k2     = k3;  empty symbols - A core;  solid symbols - B core;  
 colored symbols - vector averages

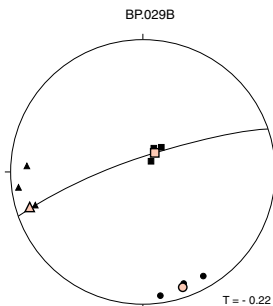
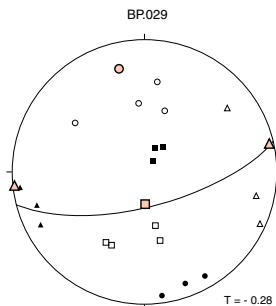
original A and B AMS fabric  selected      AMS fabric       fabric type        reason for selection of fabric



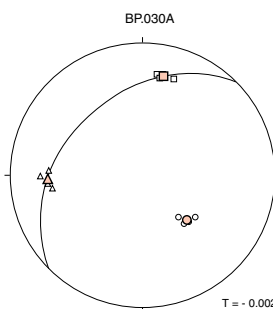
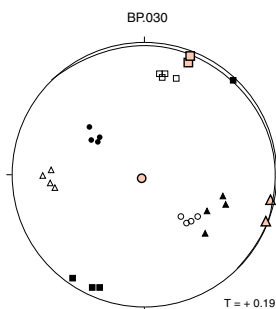
5  A core selected. B core oriented horizontally which is difficult to orient precisely and B core data of poorer quality



4  A core more mafic. Higher Km, P%. B core of poorer quality



6b  B core higher Km, P%. B core of poorer quality



7  A core selected as B core possibly mislabeled resulting in 180 degree swap

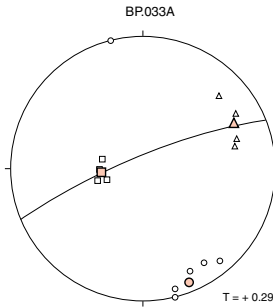
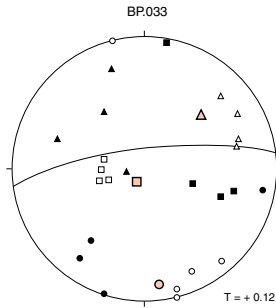
Appendix 4: Stereonets of selected k1, k2, k3 data from either A or B cores at problem sample sites;  
 = k1     = k2     = k3;  empty symbols - A core;  solid symbols - B core;  
 colored symbols - vector averages

original A and B core fabric  corrected

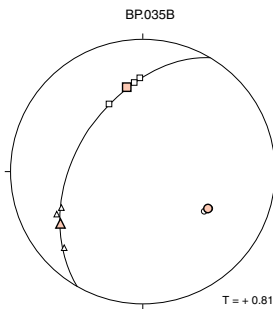
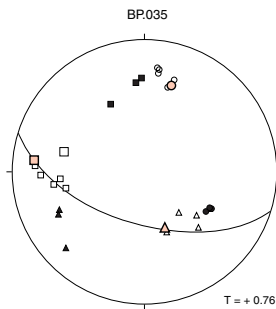
AMS fabric

fabric type

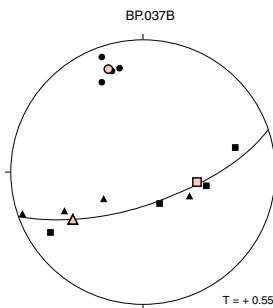
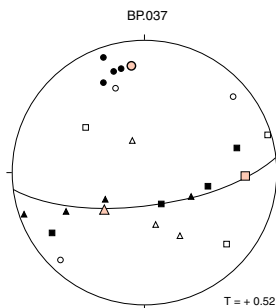
reason for selection



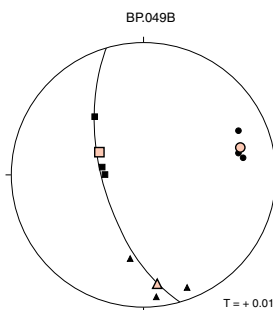
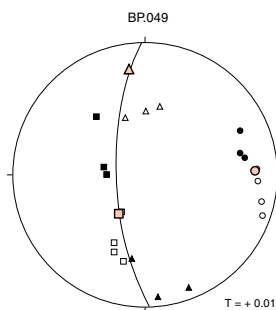
6b  A core slightly more mafic  
 Km higher



5  B core similar foliation strike go  
 local pluton margin and adjacent  
 sites to NE. 90 degree mismatch



6b  B core higher Km, P% T shape  
 oblate. A core upsidedown.



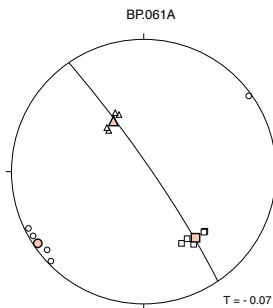
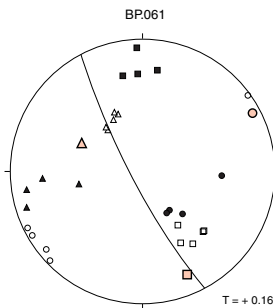
7  B core since A core of  
 lower quality

Appendix 4: Stereonets of selected k1, k2, k3 data from either A or B cores at problem sample sites;

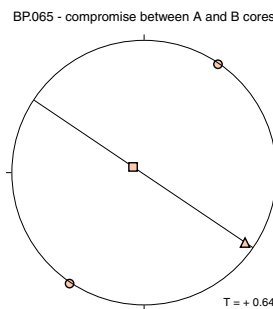
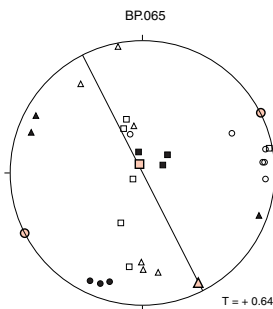
= k1  = k2  = k3;  empty symbols - A core;  solid symbols - B core;

colored symbols - vector averages

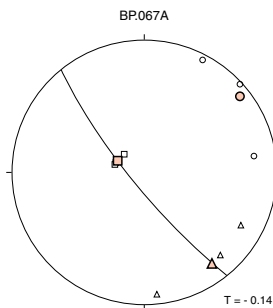
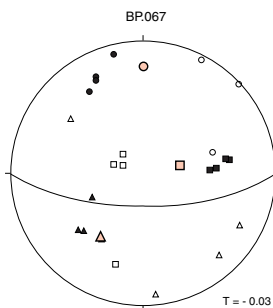
original A and B AMS fabric  corrected AMS fabric  fabric type  reason for selection



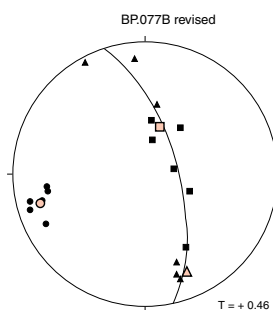
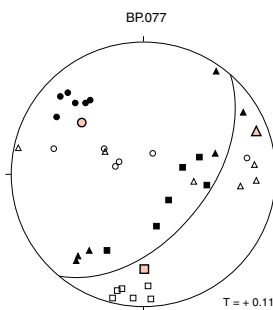
6a  A core has foliation and lineation  
 trend more consistent with local  
 measurements.



5  Compromise of A and B core since  
 unable to reconcile 2 AMS fabrics  
 and T shape.



5  A core has foliation and lineation  
 trend more consistent with local  
 measurements.



7  B core has foliation and lineation  
 trend and T shape fabric more  
 consistent with local measurements

Appendix 4: Stereonets of selected k1, k2, k3 data from either A or B cores at problem sample sites;  
 = k1  = k2  = k3;  empty symbols - A core;  solid symbols - B core;  
 colored symbols - vector averages



## **VITA**

I was born Karen Joyce Michelsen, in Midland, Michigan, June 29, 1959 to Barbara and Don Michelsen and raised in Blacksburg in southwest Virginia. Attended Bucknell University, Lewisburg, Pennsylvania from fall 1977-1982 and graduated with a Bachelor of Arts in Appalachian Studies. During my junior year at Bucknell I spent 6 months in Dickenson county Virginia working with people of need. Worked 13 seasons as a river guide on various rivers in the southeast (Chattooga, Ocoee, New, Gauley), Pacific northwest (Rogue, Deschutes), Alaska (Mendenhall, Nenana) and Arizona (Grand Canyon). I worked as an Outward Bound instructor for 5 of these years for the Pacific Crest Outward Bound School and completed a Masters in Education, from Virginia Tech in 1990. I completed a BS from Virginia Tech in 1999 and a Masters in 2003 in Structural Geology. Future plans include teaching earth science in rural southwest Virginia and pursuit of hobbies in rock climbing, paddling and alpine mountaineering.