

Table 8:

## Types of Variables And Expected Ranges

Continuous (interval) Variables of Interest and Expected Range of Variation

## Dependent (criterion) Variables:

GRADE: (End of Course Grade) A = 4.0, B = 3.0, C = 2.0, D = 1.0, F/W = 0.0

OUTCOME: (End of course Outcome) PASS/FAIL

## Independent (potential predictor) Variables:

AGE: 17 - 50

EDU (Educational Level): &lt;HS, HS, Associate Degree, &gt; Associate Degree

ASVAB (Mental Ability - Composite of AR + PC): 85-130

YOS (Years of Active Navy Service): 1-30

PGDE (Paygrade - Equivalent to Rank): E-1 to E-9

RECENTCO (Recent College Semester Hours Passed): 0-150

COMPRATE (Satisfactory Completion Rate by Ship): 0-100

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Categorical (ordinal) Variables of Interest

## Independent (potential predictor) variables:

SEX: (Gender) Male/Female

MS: (Marital Status at time PACE course(s) taken) Married/Not Married

RACE/ETH: (Race/Ethnicity) Black/Hispanic/Asian-Pacific/Other

MODE: (Instructional Delivery Mode) Instructor/Technology

TYPE: (Ship Type) CARRIER/ AMPHIB-CLF-MCM/ CRUDES/  
SUBMARINERATING: (Occupational specialty) Hospital Corpsman (HM)/ Storekeeper  
(SK) etc.SHIP: (Name of Ship in which PACE course taken) NIMITZ, BLUE  
RIDGE, etc.

COAST: (Coastal Region in The U.S.) East/West

HP: (Homeport of The Ship): Norfolk, San Diego, etc.

ATTEMPT: (Number of Attempts in Taking The Same Course): 1-2