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): <HS, HS, Associate Degree, > 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

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/ SUBMARINE
RATING: (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