Appendix S

Business Course Group LOGIT Regression Analysis

Table S1: Business Course Group LOGIT Regression Results

```
Classification Table for PASS
The Cut Value is .50
                    Predicted
                  fail    pass     Percent Correct
                     f  I    p
Observed        +-------+-------+
   fail     f   I    10 I   185 I    5.13%
                +-------+-------+
   pass     p   I     6 I  1002 I   99.40%
                +-------+-------+
                           Overall  84.12%

------------------------ Variables in the Equation ------------------------

Variable              B      S.E.     Wald    df      Sig       R    Exp(B)

ASVAB             .0219     .0087   6.3957     1    .0114   .0642    1.0222
MODE             1.4592     .1962  55.3022     1    .0000   .2236    4.3025
PGDE              .3404     .0795  18.3555     1    .0000   .1239    1.4055
TYPENAME                            7.6201     3    .0546   .0390
 Submarine       .8707     .3267   7.1026     1    .0077   .0692    2.3885
 Carrier         .1887     .2155    .7666     1    .3813   .0000    1.2076
 Cru-Des         .3598     .2179   2.7270     1    .0987   .0261    1.4330
MARRIED           .1462     .1835    .6346     1    .4257   .0000    1.1574
RECENTCO          .0181     .0098   3.3929     1    .0655   .0361    1.0182
RACETH                              3.1013     4    .5410   .0000
 White            .8128     .8781    .8567     1    .3546   .0000    2.2542
 Black            .5596     .8979    .3884     1    .5331   .0000    1.7500
 Hispanic         .8378     .9180    .8328     1    .3615   .0000    2.3112
 Asian-Pacific   1.2248     .9743   1.5803     1    .2087   .0000    3.4036
Constant        -5.9175    1.4660  16.2932     1    .0001

             Observed Groups and Predicted Probabilities

     160 +                                                            +
         I                                                            I
         I                                                            I
F        I                                                            I
R    120 +                                                       pp   +
E        I                                                       pp   I
Q        I                                                      pppp  I
U        I                                                      pppp  I
E     80 +                                                   ppppppp +
N        I                                                   ppppppp I
C        I                                                  ppppppp  I
Y        I                                             pppppppppppp  I
      40 +                                             pppppppppppp  +
         I                                          p pppppppppppppp I
         I                                     p pppppppppfpppppppp I
         I                              p  fpppppppfpppfffffffffffffpppI
Predicted --------------+--------------+--------------+---------------
  Prob:   0            .25            .5             .75            1
  Group:  fffffffffffffffffffffffffffffpppppppppppppppppppppppppppppp

          Predicted Probability is of Membership for pass
          The Cut Value is .50
          Symbols: f - fail
                   p - pass
          Each Symbol Represents 10 Cases.
```