Appendix X

“Other” Course Group LOGIT Regression Analysis

Table X1: Other 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     1 I   250 I     .40%
                 +-------+-------+
   pass     p    I     0 I  1169 I  100.00%
                 +-------+-------+
                            Overall  82.39%
```

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

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

ASVAB            .0037     .0080    .2157     1    .6423   .0000    1.0037
COAST            .3281     .1513   4.7019     1    .0301   .0452    1.3884
GENDER          -.0397     .2705    .0215     1    .8833   .0000     .9611
MARRIED         -.0237     .1610    .0217     1    .8830   .0000     .9766
MODE             .9784     .1811  29.1937     1    .0000   .1433    2.6603
PGDE             .2004     .0697   8.2605     1    .0041   .0687    1.2219
RACETH                              .7220     4    .9486   .0000
 White           .0098     .2235    .0019     1    .9650   .0000    1.0098
 Black           .2764     .5068    .2973     1    .5856   .0000    1.3183
 Hispanic        .2336    1.1014    .0450     1    .8320   .0000    1.2631
 Asian-Pacific   .1631     .3062    .2838     1    .5942   .0000    1.1772
RECENTCO         .0135     .0070   3.7571     1    .0526   .0364    1.0136
TYPENAME                           22.7322     3    .0000   .1124
 Submarine      1.3498     .2867  22.1702     1    .0000   .1234    3.8566
 Carrier         .4478     .2105   4.5242     1    .0334   .0437    1.5648
 Cru-Des        .2373     .1930   1.5131     1    .2187   .0000    1.2679
Constant       -2.0279    1.1351   3.1921     1    .0740
```

```
             Observed Groups and Predicted Probabilities

     160 +                                                            +
         I                                                            I
         I                                                            I
F        I                                                       p    I
R    120 +                                                      pppp  +
E        I                                                      pppp  I
Q        I                                                 p pppppp   I
U        I                                                 p pppppp   I
E     80 +                                                 pppppppppp +
N        I                                                 pppppppppp I
C        I                                                pppppppppppp I
Y        I                                              pppppppppppppp I
      40 +                                            pppppppppppppp  +
         I                                          pppppppfpppppppppp I
         I                                         ppppfpfffffpfppppp  I
         I                                      pppffffffffffffffffpp I
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.
```