Model 1: Logit, using observations 1-10000

Dependent variable: Exited

Standard errors based on Hessian

coefficient std. error z p-value

-----------------------------------------------------------------

const −3.91258 0.237164 −16.50 3.84e-061 \*\*\*

CreditScore −0.000674866 0.000280272 −2.408 0.0160 \*\*

Age 0.0726550 0.00257451 28.22 3.24e-175 \*\*\*

NumOfProducts −0.0950198 0.0475374 −1.999 0.0456 \*\*

IsActiveMember −1.07578 0.0576458 −18.66 1.01e-077 \*\*\*

Female 0.526721 0.0544591 9.672 3.97e-022 \*\*\*

Germany 0.747595 0.0650515 11.49 1.44e-030 \*\*\*

Tenure −0.0158791 0.00934627 −1.699 0.0893 \*

Log\_Balance 0.0690263 0.0139592 4.945 7.62e-07 \*\*\*

Mean dependent var 0.203700 S.D. dependent var 0.402769

McFadden R-squared 0.152787 **Adjusted R-squared 0.151006**

Log-likelihood −4282.570 Akaike criterion 8583.141

Schwarz criterion 8648.034 Hannan-Quinn 8605.107

Number of cases 'correctly predicted' = 8127 (**81.3%**)

f(beta'x) at mean of independent vars = 0.135

Likelihood ratio test: Chi-square(8) = 1544.64 [0.0000]

Predicted

0 1

Actual 0 7687 276

1 1597 440