Model 11: 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 | <0.0001 | \*\*\* |
| CreditScore | −0.000674866 | 0.000280272 | −2.408 | 0.0160 | \*\* |
| Age | 0.0726550 | 0.00257451 | 28.22 | <0.0001 | \*\*\* |
| NumOfProducts | −0.0950198 | 0.0475374 | −1.999 | 0.0456 | \*\* |
| IsActiveMember | −1.07578 | 0.0576458 | −18.66 | <0.0001 | \*\*\* |
| Female | 0.526721 | 0.0544591 | 9.672 | <0.0001 | \*\*\* |
| Germany | 0.747595 | 0.0650515 | 11.49 | <0.0001 | \*\*\* |
| Tenure | −0.0158791 | 0.00934627 | −1.699 | 0.0893 | \* |
| Log\_Balance | 0.0690263 | 0.0139592 | 4.945 | <0.0001 | \*\*\* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 = 0.403

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