

Pseudo R-Square for Logistic Regression¹

The output from Logistic Regression in SAS and SPSS does not provide any measure of R². It is possible to calculate a Pseudo R-Square by using the information from the -2 Log Likelihood for the full model, and the intercept only. The result is a measure of the improvement in fit of the model that is due to the independent variables.

An Excel spreadsheet that will do these calculations for you can be found at:

<http://staff.washington.edu/glynn/r2pseudo.xls>

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