

Binary logistic regression

In binary [logistic regression](#), the [outcome](#) is usually coded as “0” or “1”, as this leads to the most straightforward interpretation.

If a particular observed outcome for the dependent variable is the noteworthy possible outcome (referred to as a “success” or a “case”) it is usually coded as “1” and the contrary outcome (referred to as a “failure” or a “noncase”) as “0”. Binary logistic regression is used to predict the odds of being a case based on the values of the independent variables (predictors). The odds are defined as the probability that a particular outcome is a case divided by the probability that it is a noncase.

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