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Overview of Logistic Regression Models

- ▶ Binary logistic regression, also called a logit model, is used to model **dichotomous outcome** variables. In the logit model the log odds of the outcome is modeled as a linear combination of the predictor variables.

- ▶ Multinomial Logistic Regression is used to model nominal outcome variables (categorical variables). Again the log odds of the outcomes are modeled as a linear combination of the predictor variables.
- ▶ Ordinal Logistic Regression is used to model nominal outcome variables, where a hierarchy within categories exists.