

Logistic regression

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Logistic regression

- *Logistic regression is a regression model where the dependent variable (DV) is categorical, where a categorical variable is a variable that can take on one of a limited, and usually fixed, number of possible values.*
- *To explore the risk factors of a disease and predict the probability of a disease according to the risk factors. If we have established the logistic regression model, we can predict the probability of a disease or a certain situation under different independent variables according to the model.*

Logistic regression

- *There are many similarities between logistic regression and multiple linear regression, the biggest difference is that their dependent variables are different, and the others are almost the same.*
- *If the dependent variable is continuous, that is, multiple linear regression, if it is the two distribution, that is the logistic regression.*