

## Diagnostic in the ordinal logistic regression model

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**Abstract:** *Pearson and likelihood-ratio statistics are not adequate for assessing goodness-of-fit in ordinal logistic regression model with continuous variables. For this case, the Lipsitz test, the ordinal version of the Hosmer-Lemeshow test and Pulkstenis-Robinson tests were proposed. This study aims to review the diagnostic techniques available for this type of model.*

**Keywords:** *Lipsitz test; Pulkstenis-Robinson chi-squared and likelihood-ratio test; Ordinal version of the Hosmer-Lemeshow test; Ordinal logistic regression model.*

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