

# Parametric multiple correspondence analysis

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## Abstract

We perform an unweighted multidimensional scaling on the Burt matrix in multiple correspondence analysis, with the diagonal frequencies parametrized to reduce their influence. With this approach, the off-diagonal contribution is smaller than the standard method, based on correspondence analysis on the Burt matrix. Two real data examples are studied to illustrate this approach.

## Keywords

Correspondence Analysis, Burt matrix, Categorical data, Multidimensional Scaling.