

Interaction Graphs for Basket Data

J. Van Horebeek (CIMAT)

`horebeek@cimat.mx`

J. Navarro-Barriento

Abstract

We introduce a class of Graphical Models that allows us to describe and visualize the interaction structure between binary multivariate characteristics at a finer scale than what one obtains with classical Graphical Models. We characterize the underlying class of probability distributions and propose a procedure for model estimation. An application to the analysis of groups of Basket Data in the context of Web-mining is extensively discussed.