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Enrico Carlini*, Corso degli Abruzzi 24, 10129, Turin. *Parameterization of mixture of independence models*. Preliminary report.

In this talk we will deal with the problem of parameterizing contingency tables, i.e. probability matrices, for mixture models. In particular we will focus on matrices of rank at most two showing how to produce a parameterization involving the least possible number of parameters, i.e. a non-redundant parameterization. This is a joint work with Fabio Rapallo. (Received January 24, 2010)