Double COM-Poisson models: modelling mean and dispersion in the analysis of count data.

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In this paper, we propose the double COM-Poisson models where the mean and dispersion parameters of the COM-Poisson distribution are modeled in terms of covariates. These model are quite flexible and allow us to identify significant effects in both mean and dispersion of the observed count data.

Palavras-chave: COM-Poisson distribution, Varying dispersion, Double COM-Poisson models.

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