

Modelling the Compromise matrix in STATIS method

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Abstract

STATIS methodology has three phases: Inter-structure, Compromise and Intra-structure. In order to be able to carry out inference and simultaneously study several matched series of studies models were introduced for the first place, e.g. [1] and [2]. In this paper we extend the models to the Compromise. We apply our approach to the results of local elections in Mainland Portugal.

References

- [1] Areia, A., M.M. Oliveira, and J.T. Mexia (2008). Models for a series of studies based on geometrical representation. *Stat. Methodol.* 5(3), 277–288.
- [2] Oliveira, M.M. and J.T. Mexia (2007). Modelling series of studies with a common structure. *Comput. Statist. Data Anal.* 51, 5876–5885.