

## Exploratory analysis of compositional data

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### SUMMARY

An exploratory analysis of compositional data (CoDa), based on the Aitchison geometry of the simplex, builds on four essential tools which differ from classical exploratory methods: (a) pattern of irregular data; (b) variation array; (c) CoDa-biplot; and (d) CoDa-dendrogram. A summary of these tools is presented, and they are illustrated using real data from one of the last elections in Spain.

**Keywords:** Compositional data