

Smacof at 50: A Manual

Part x: Smacof for Individual Differences

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Abstract

TBD

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Note: This is a working manuscript which will be expanded/updated frequently. All suggestions for improvement are welcome. All Rmd, tex, html, pdf, R, and C files are in the public domain. Attribution will be appreciated, but is not required. All files can be found at <https://github.com/deleeuw> in the repositories smacofCode, smacofManual, and smacofExamples. A barebones R package is in the repository smacofID.

1 Introduction

De Leeuw (2019)

1. $X_k = X$
2. $X_k = XD_k$ with D_k diagonal (INDSCAL)
3. $X_k = XA_k$ with A_k general (IDIOSCAL)
4. $X_k = XD_kY'$
5. $X_k = XA_kY'$
6. Tucker 3
7. PARAFAC 2

References

De Leeuw, J. 2019. "Individual Differences Multidimensional Scaling." 2019.