**KO\_macros.spe extension bundle**

version 3.0.0, Jan 2021 (version 1.0.0, Jan 2020)

**Requirements**:

SPSS Statistics vers. 24 or higher

Integration Plug-In for Python 2 must be installed with SPSS Statistics

**KO\_macros.spe** is the miscellaneous selection of Kirill's SPSS macros supplied with Dialogs to run from menu of SPSS Statistics. All the Dialogs will appear under menu "Custom" (between "Graphs" and "Utilities").

**Procedures** in this extension include: Hierarchical Cluster Analysis; Cluster Assembly/Assignment; K-Means Cluster Analysis; Internal Clustering Criteria; Proximities for Quantitative Data, for Binary Data; Gower Similarity; Editing of Proximities; Comparing Classifications; Comparing Clusterings (External Clustering Criteria); Within-Case Operations: normalizations/rescalings, sorting, ranking, counting; Hot-Deck Imputation and Borrowing; Simple and Rim (raking) Weighting, and other procedures. MORE procedures to be added with future versions of the extension.

**Installation**: Unpack the ZIP. Install KO\_macros.spe.

For reliability, I STRONGLY RECOMMEND to install/reinstall from inside the "Custom Dialog Builder for Extensions" menu, not other ways. In SPSS Statistics (vers 24 or higher) go to Extensions > Custom Dialog Builder for Extensions. Press 'Open' to open the downloaded KO\_macros.spe. Select any, no matter which, of the listed .cfe dialogs. Press 'Install'. Wait a few seconds while it installs. Then close, and exit SPSS Statistics. And restart it again. Ready. You will see the dialogs installed in "Custom" menu location.

**Contact**:

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