**KO\_macros.spe extension bundle**

version 7.0.0, Jun 2024 (version 1.0.0, Jan 2020). Tested on SPSS Statistics 26, 29.

**Requirements**:

IBM SPSS Statistics vers. 24 or higher

Integration Plug-In for Python 3 must be installed with IBM SPSS Statistics

**KO\_macros.spe** is the miscellaneous selection of [Kirill's SPSS macros](https://www.spsstools.net/en/macros/KO-spssmacros/) supplied with Dialogs to run from menu of SPSS Statistics. All the Dialogs will appear under menu "Custom" (between "Graphs" and "Utilities"). You do not need to download syntax files of the macros from the site: the necessary files are included in KO\_macros.spe.

**Procedures** in the extension include: Tools to create Dummy and Contrast variables; Tools for Multiple Response sets of variables; Tools for Series Response sets of variables; Tools for Cluster Analysis and around it; Tools for computing Proximities; Tools for comparing Partitions; Tools for Within-Case transforms/statistics; Tools for Imputation; Tools for Frequency Weighting; Tools to compare Proportions; Tools to compare Sequences.

More procedures to be added with future versions of the extension.

**What’s new** in version 7.0.0:

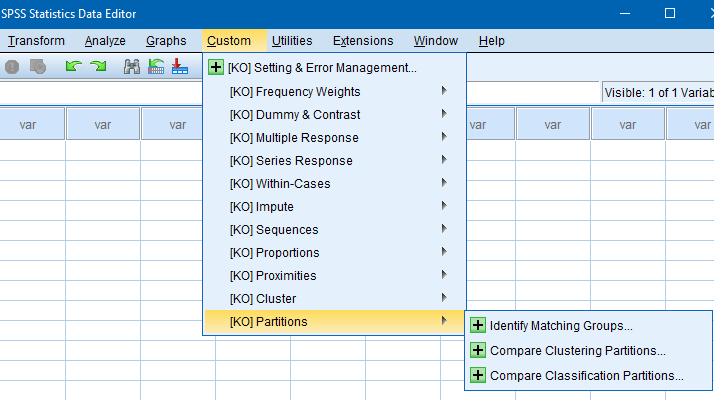
* Tools for Series Response sets of variables (aka simple matrix question): three procedures.
* No-Answer for Dichotomous MR procedure.

**KO\_macros.zip** contents:

* KO\_macros.spe the extension bundle
* KO\_macros.spe README.docx this document
* KO\_macroutilities.py file you might need (see “Known problems” below).

**Installation** of KO\_macros.spe.

1. Unpack the ZIP.
2. In SPSS Statistics (vers. 24 or higher), the recommended by me way[[1]](#footnote-1) to install KO\_macros extension is as follows.
3. Go to Extensions > Custom Dialog Builder for Extensions.
4. If you have KO\_macros of an older version installed, I recommend you first to uninstall it. To uninstall, in File select Uninstall... select KO\_macros, and press OK. Just wait for some seconds (no notification will follow).
5. Then, to install KO\_macros, in File press Open and open the downloaded KO\_macros.spe. Select any, no matter which, of the listed .cfe dialogs and press Continue. Now press Install. Wait a few seconds while it installs. The info box will appear informing of the successful installation and listing the installed dialogs. The info box may look high or it may look very wide (this varies with SPSS version), but you simply exit it by pressing Esc key.
6. Exit SPSS Statistics.
7. Restart SPSS Statistics. You will see the dialogs of the KO\_macros extension installed in the "Custom" menu location.



**List of the Dialogs:**

[KO] Setting & Error Management

[KO] Frequency Weights → Weight Groups

[KO] Dummy & Contrast → Dummy Variables

→ Dummy Variables (Auto)

→ Contrast Variables

[KO] Multiple Response → Categorical MR to Dichotomous MR

→ Categorical MR to Dichotomous MR (Auto)

→ Dichotomous MR to Categorical MR

→ Edit Categorical MR

→ Consulted Cleaning of Categorical MR

→ No-Answer for Dichotomous MR

[KO] Series Response → Restructure Ranking Data

→ Values-Variables Conversion

→ Unpack Condensed Item Series

[KO] Within-Cases → W-C Sort

→ W-C Rank

→ W-C Rescale

→ W-C Frequencies

→ W-C Count Distinct

→ W-C Stats of Gaps

→ W-C Bin – Eq. Intervals

→ W-C Bin – Eq. Frequencies

[KO] Impute → Hot-Deck Imputation

→ Carry Over Values

[KO] Proportions → Equality of Category Proportions

[KO] Sequences → Compare Sequences or Documents

[KO] Proximities → Proximities for Quantitative Data

→ Proximities for Binary Data

→ Gower Similarity

→ Edit Proximity Matrix

[KO] Cluster → K-Means Cluster Analysis

→ Hierarchical Cluster

→ Hierarchical Cluster (Exotic)

→ Cluster Assembly – Object Assignment

→ Object-Cluster Distance

→ Internal Clustering Criteria (Variable)

→ Internal Clustering Criteria (Matrix)

[KO] Partitions → Identify Matching Groups

→ Compare Clustering Partitions

→ Compare Classification Partitions

**Known problems:**

* Running on SPSS Statistics vers. 24 – 26. If KO\_macros extension does not run on these SPSS versions, please go to the “Setting & Error Management” dialog installed with the extension, for the solution and instruction. You might make use of file KO\_macroutilities.py included in KO\_macros.zip.
* Error “SPSS Statistics cannot access a file ... specifies a protected directory ...”. This is normal behaviour, and to solve the problem please go to the “Setting & Error Management” dialog installed with the extension, for the solution and instruction.

**Contact**:

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1. You may of course install also via Extensions > Install Local Extension Bundle, but since the bundle has many dialogs, this way will be less convenient in the case you are installing over the older KO\_macros already installed - without uninstalling it first. [↑](#footnote-ref-1)