

Supplementary Material: README

Development and evaluation of a short-form of the sleep-related behaviors questionnaire in Chinese adults using item response theory

List of Supplementary Material files:

1. Dataset (S1_dataset_R2.xlsx): the data file used for analysis in xlsx format
2. R script for analysis (S2_Rscript_R2.R): the R script written for statistical analysis in R
3. R output html file (S3_R_output.R2.pdf): the output log of statistical analysis in pdf format
4. Explanatory memo of dataset variable names and R packages used (S4_Explanatory Memo_R2.pdf)

To replicate the current study, please open the S1_dataset_R2.xlsx data in the order of the variable names listed in the explanatory memo S4. Edit the first section of the S2 R script regarding importing of data according to your working directory and filename of the xlsx file. Run the entire script to get the output. Further explanation of the statistical analysis methods can be found in the manuscript and S2 R script comments.