

Supplementary Information 3: Exploratory Factor Analysis

To determine the optimal number of factors in our EFA, we conducted Parallel Analysis (PA) and Very Simple Structure (VSS) analysis using the R package *psych* [1]. In Figure A3.1, the results of the PA are depicted, indicating that a two-factor solution is optimal. VSS suggested that a more complex solution using three or four factors may be adequate as well (cf. Fig. A3.2). We started with a two-factor model and then explored alternative specifications using one, three and four factors. However, these did not result in a significantly better fit, indicating that a two-factor solution is adequate for capturing the underlying structure of the data. Given the exploratory nature of the research and to maintain simplicity in interpretation, we thus opted for the more conservative two-factor approach.

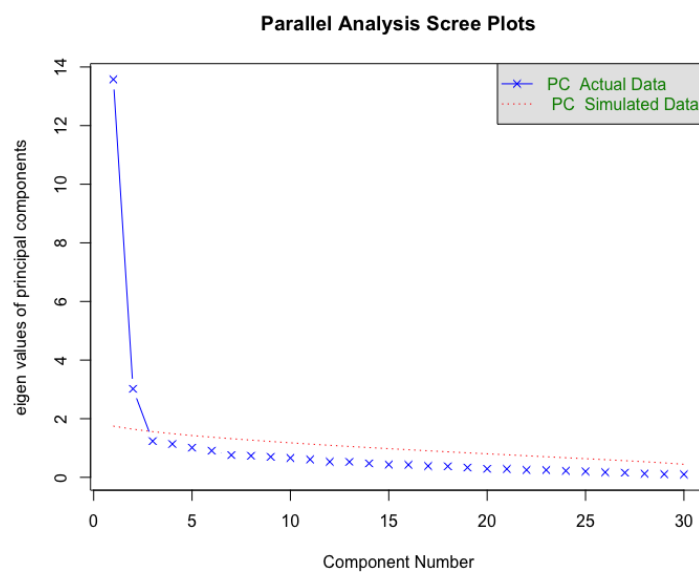


Figure A3.1: Result of Parallel Analysis

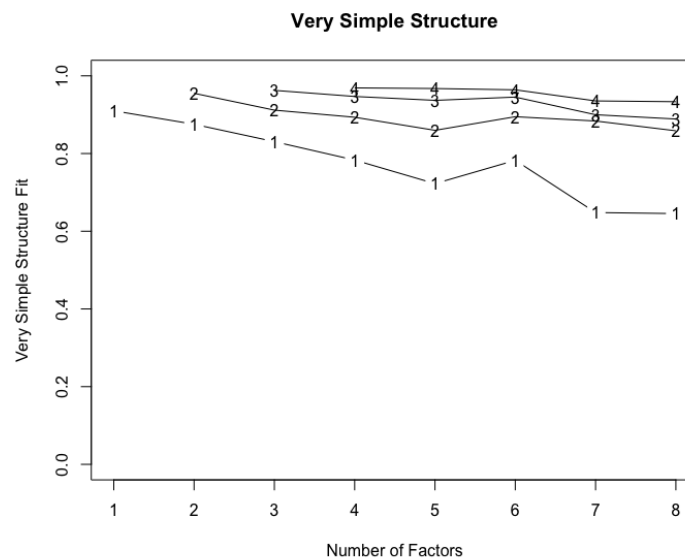


Figure A3.2: Result of Very Simple Structure analysis

References

1. Revelle, W., psych: Procedures for psychological, psychometric, and personality research, 2020. <https://cran.r-project.org/web/packages/psych/index.html>