This data archive contains all necessary files to replicate the study for the manuscript ”Effects Coding as Unbiased Alternative to Scale Scores” .

All files and documents are archived and described by [Duco Veen](mailto:d.veen@uu.nl?subject=Data%20Archive%20Effects%20Coding%20and%20Scale%20Scores).

The following files are contained within this data archive and a brief description is given.

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| File: | Description |
| Simulation\_function\_2factor.R | R script that contains a function to generate data according to the two factor model with 3 manifest variables each. |
| simulation1\_2factor.R | R script that carries out simulation study one and produces Figures 4 and 5 and an additional figure that is the same as figure 5 but for factor 2 instead of factor 1. |
| regression\_example\_sim\_2factor.R | R script that carries out simulation study two and produces Figure 6 and the results for Table 1. |
| LGCM\_example\_2factor.R | Wil run the simulation for the third simulation study. This study concerns latent growth curve models with factor scores as distal outcomes. The results of Table 2 will be generated. |