

**Large samples: Subtle Effects and Disappointing Artefacts**

**Table S1**

Goodness of fit of the model obtained to different datasets (see section 3.3).

Dataset	Type of data	Group	$\chi^2$ (df=1)	CFI	RMSEA
<b>Real data</b>	Raw	Low	10.959	0.996	0.042
		High	11.937	0.995	0.044
	Normalized	Low	6.264	0.998	0.031
		High	21.761	0.990	0.061
<b>Selection of cases</b>	Raw	Low	0.573	> 0.999	< 0.001
		High	0.053	> 0.999	< 0.001
	Normalized	Low	0.743	> 0.999	< 0.001
		High	0.073	> 0.999	< 0.001
<b>Different density of tasks</b>	Raw	Low	0.016	> 0.999	< 0.001
		High	2.136	> 0.999	0.014
	Normalized	Low	0.157	> 0.999	< 0.001
		High	1.016	> 0.999	0.002
<b>Simulation of SLODR</b>	Raw	Low	0.010	> 0.999	< 0.001
		High	1.662	> 0.999	0.012