

# Title paper

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# Title report

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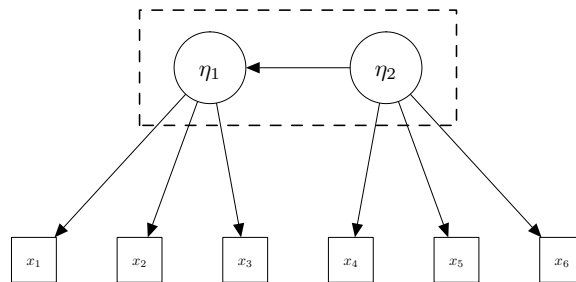
**List of Figures**

**List of Tables**

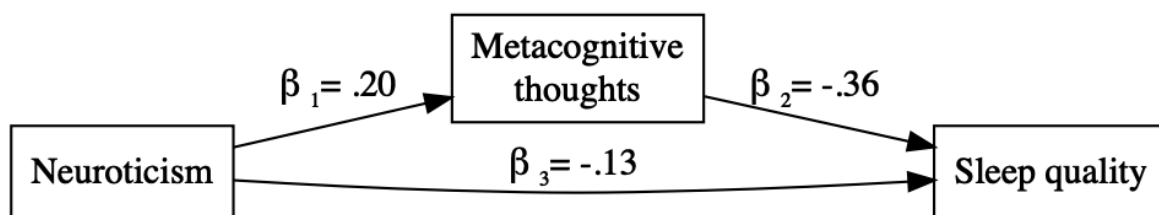
# 1 Introduction

## 2 Plot SEM

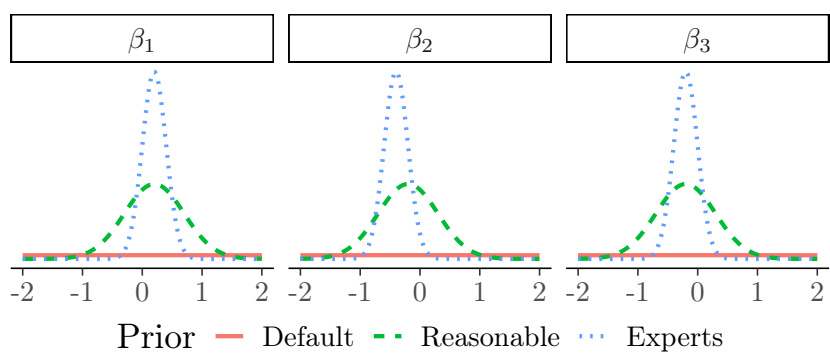
```
## Warning in lav_data_full(data = data, group = group, cluster = cluster, : lavaan WARNING:
some observed variances are (at least) a factor 1000 times larger than others; use varTable(fit)
to investigate
## Warning in lav_model_estimate(lavmodel = lavmodel, lavpartable = lavpartable, : lavaan
WARNING: the optimizer (NLMINB) claimed the model converged,
##           but not all elements of the gradient are (near) zero;
##           the optimizer may not have found a local solution
##           use check.gradient = FALSE to skip this check.
## Registered S3 methods overwritten by 'huge':
##   method      from
##   plot.sim     BDgraph
##   print.sim    BDgraph
```



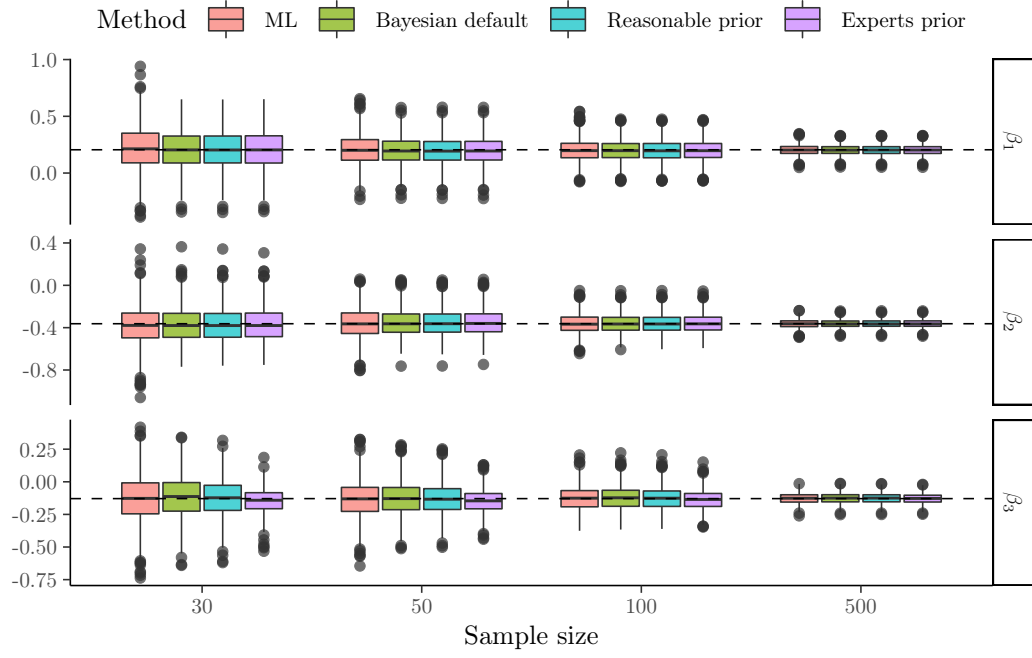
### 3 Plot model



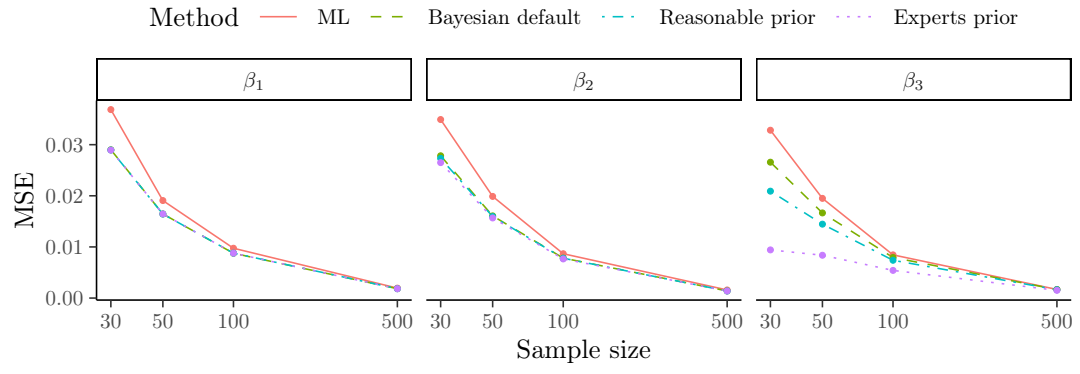
4 Plot prior



## 5 Plot boxplots

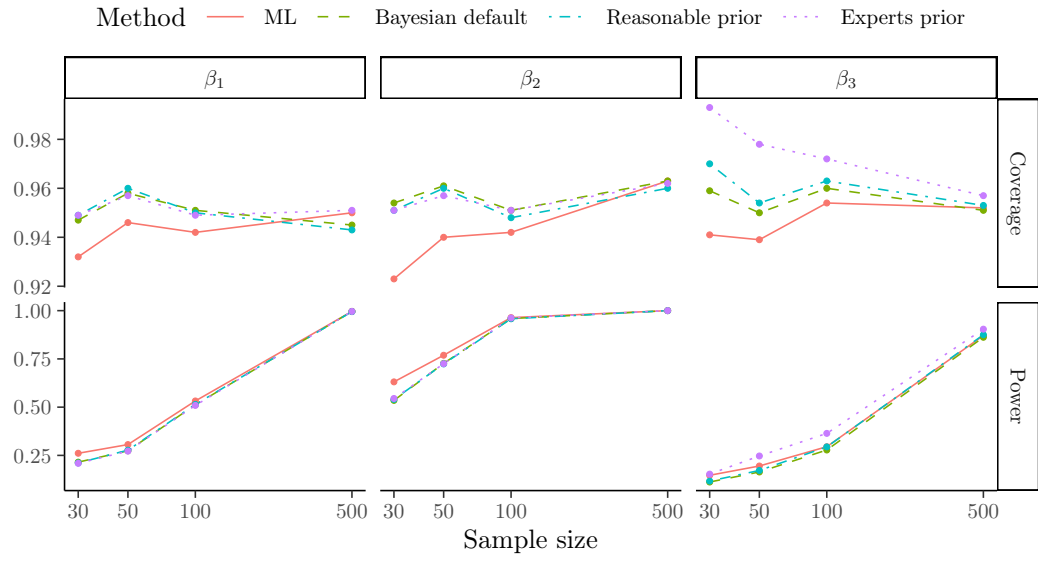


## 6 Plot MSE





## 7 Plot coverage power



## 8 Example

## 9 Session Information

```
sessionInfo(package = NULL)

## R version 3.6.1 (2019-07-05)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS Mojave 10.14.6
##
## Matrix products: default
## BLAS:   /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRlapack.dylib
##
## locale:
##  [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
##  [1] forcats_0.4.0   stringr_1.4.0   dplyr_0.8.4     purrr_0.3.3
##  [5] readr_1.3.1     tidyr_1.0.2     tibble_2.1.3    tidyverse_1.3.0
##  [9] gridExtra_2.3   kableExtra_1.1.0 DiagrammeR_1.0.5 ggplot2_3.2.1
## [13] knitr_1.28
##
## loaded via a namespace (and not attached):
##  [1] readxl_1.3.1      backports_1.1.5   Hmisc_4.3-1
##  [4] BDgraph_2.62      semPlot_1.1.2     plyr_1.8.5
##  [7] igraph_1.2.4.2    lazyeval_0.2.2    splines_3.6.1
## [10] digest_0.6.24     htmltools_0.4.0   matrixcalc_1.0-3
## [13] fansi_0.4.1       magrittr_1.5      Rsolnp_1.16
## [16] checkmate_2.0.0    lisrelToR_0.1.4   cluster_2.1.0
## [19] openxlsx_4.1.4     modelr_0.1.5      tikzDevice_0.12.3
## [22] jpeg_0.1-8.1      sem_3.1-9         colorspace_1.4-1
## [25] rvest_0.3.5       haven_2.2.0       xfun_0.12
## [28] callr_3.4.2       crayon_1.3.4      jsonlite_1.6.1
```

## [31]	lme4_1.1-21	regsem_1.5.2	survival_3.1-8
## [34]	glue_1.3.1	gtable_0.3.0	webshot_0.5.2
## [37]	mi_1.0	ggm_2.5	abind_1.4-5
## [40]	scales_1.1.0	DBI_1.1.0	Rcpp_1.0.3
## [43]	viridisLite_0.3.0	xtable_1.8-4	htmlTable_1.13.3
## [46]	foreign_0.8-72	Formula_1.2-3	stats4_3.6.1
## [49]	truncnorm_1.0-8	htmlwidgets_1.5.1	httr_1.4.1
## [52]	RColorBrewer_1.1-2	lavaan_0.6-5	acepack_1.4.1
## [55]	farver_2.0.3	pkgconfig_2.0.3	XML_3.99-0.3
## [58]	nnet_7.3-12	kutils_1.69	dbplyr_1.4.2
## [61]	tidyselect_1.0.0	labeling_0.3	rlang_0.4.4
## [64]	reshape2_1.4.3	munsell_0.5.0	cellranger_1.1.0
## [67]	tools_3.6.1	visNetwork_2.0.9	cli_2.0.1
## [70]	generics_0.0.2	broom_0.5.4	fdrtool_1.2.15
## [73]	evaluate_0.14	arm_1.10-1	yaml_2.2.1
## [76]	processx_3.4.2	fs_1.3.1	filehash_2.4-2
## [79]	zip_2.0.4	glasso_1.11	pbapply_1.4-2
## [82]	nlme_3.1-141	whisker_0.4	formatR_1.7
## [85]	xml2_1.2.2	compiler_3.6.1	rstudioapi_0.11
## [88]	png_0.1-7	reprex_0.3.0	huge_1.3.4
## [91]	pbivnorm_0.6.0	stringi_1.4.5	ps_1.3.2
## [94]	qgraph_1.6.4	rockchalk_1.8.144	lattice_0.20-38
## [97]	Matrix_1.2-17	psych_1.9.12.31	nloptr_1.2.1
## [100]	vctrs_0.2.2	pillar_1.4.3	lifecycle_0.1.0
## [103]	OpenMx_2.17.2	data.table_1.12.8	corpcor_1.6.9
## [106]	R6_2.4.1	latticeExtra_0.6-29	codetools_0.2-16
## [109]	boot_1.3-23	MASS_7.3-51.4	gtools_3.8.1
## [112]	assertthat_0.2.1	rjson_0.2.20	withr_2.1.2
## [115]	mnormt_1.5-6	parallel_3.6.1	hms_0.5.3
## [118]	grid_3.6.1	rpart_4.1-15	coda_0.19-3
## [121]	minqa_1.2.4	rmarkdown_2.1	carData_3.0-3
## [124]	d3Network_0.5.2.1	lubridate_1.7.4	base64enc_0.1-3
## [127]	tinytex_0.19		

## Appendix A