

Title paper

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Title report

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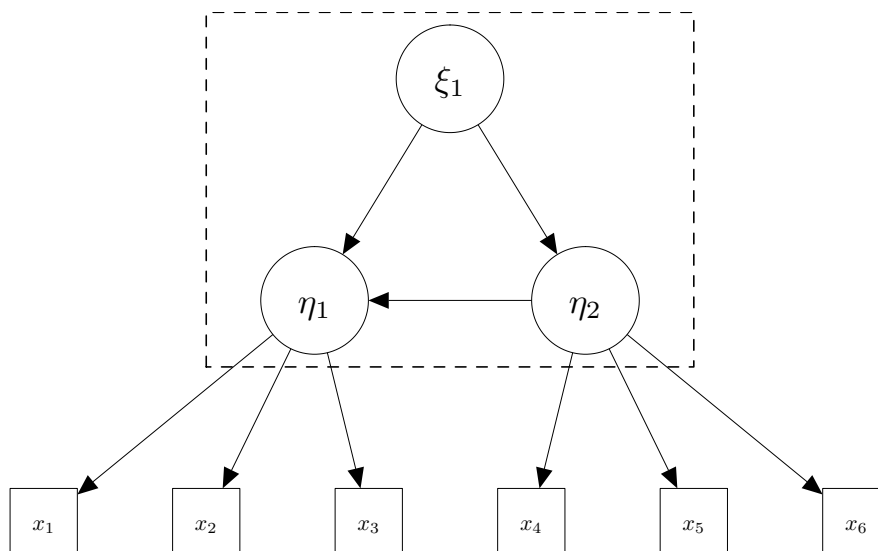
List of Figures

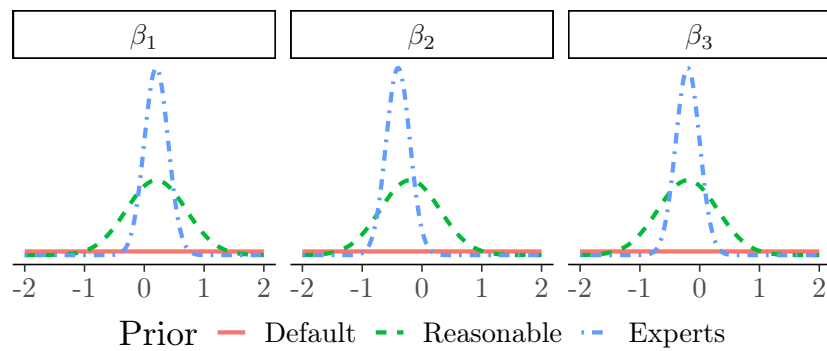
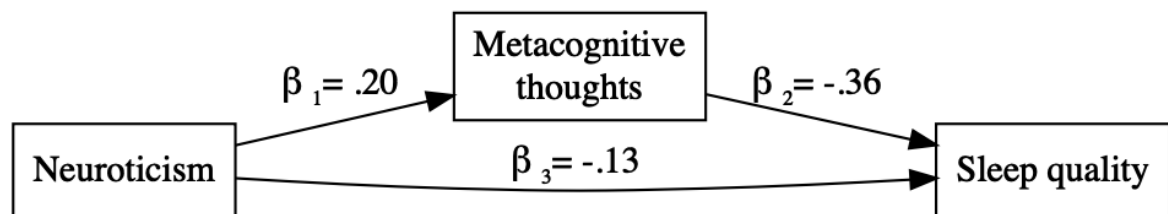
List of Tables

1 Introduction

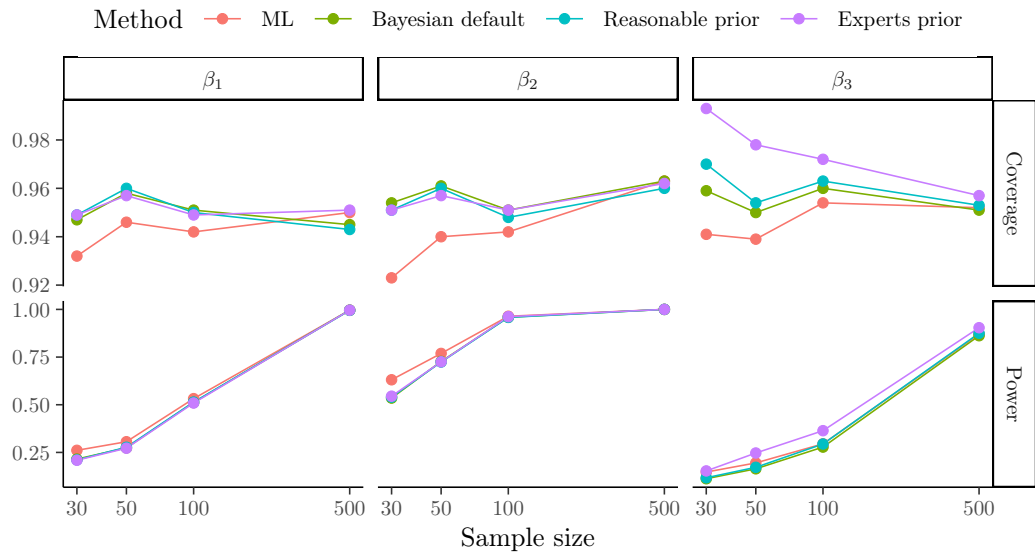
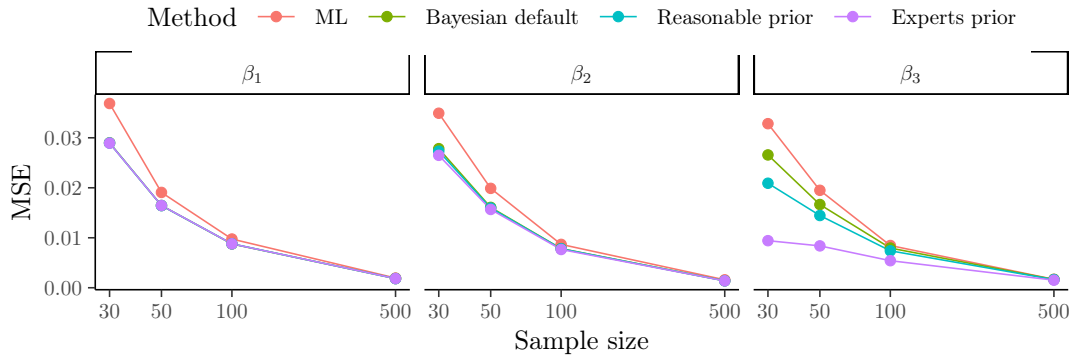
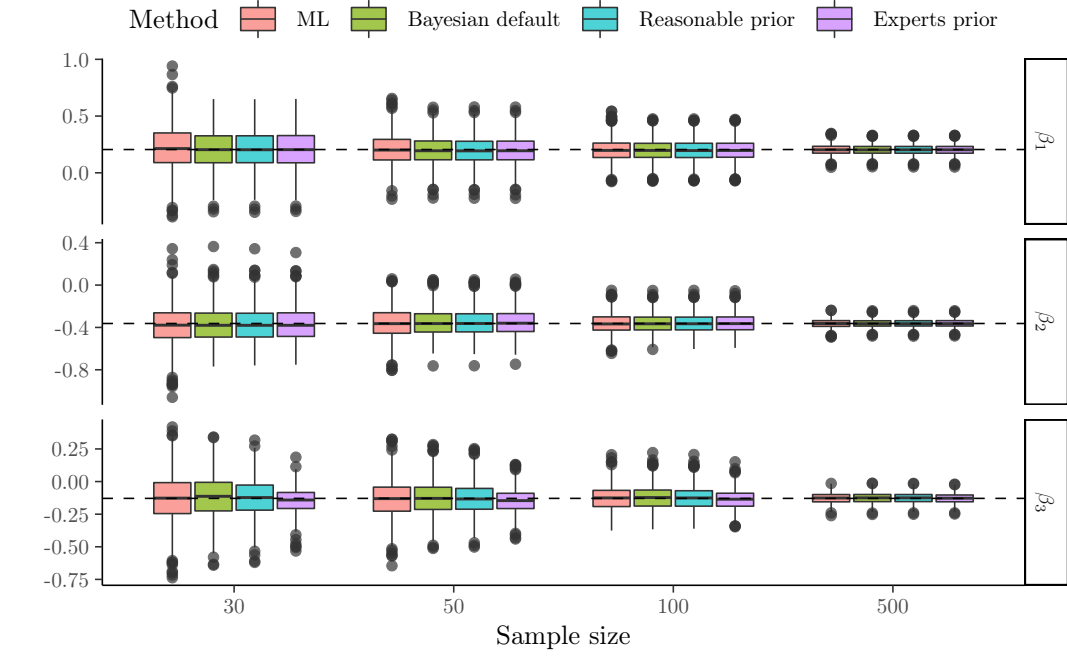
2 Plot SEM

```
## 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.
```





- 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] Rcpp_1.0.3      lubridate_1.7.4   lattice_0.20-38   ps_1.3.2
##  [5] visNetwork_2.0.9 assertthat_0.2.1  digest_0.6.24     plyr_1.8.5
##  [9] R6_2.4.1        cellranger_1.1.0  backports_1.1.5   reprex_0.3.0
## [13] evaluate_0.14   httr_1.4.1        pillar_1.4.3      rlang_0.4.4
## [17] lazyeval_0.2.2  readxl_1.3.1      rstudioapi_0.11   callr_3.4.2
## [21] tikzDevice_0.12.3 rmarkdown_2.1     labeling_0.3       webshot_0.5.2
## [25] htmlwidgets_1.5.1 tinytex_0.19      munsell_0.5.0     broom_0.5.4
## [29] compiler_3.6.1  modelr_0.1.5      xfun_0.12         pkgconfig_2.0.3
## [33] htmltools_0.4.0 tidyselect_1.0.0  codetools_0.2-16  fansi_0.4.1
## [37] viridisLite_0.3.0 crayon_1.3.4      dbplyr_1.4.2      withr_2.1.2
```

## [41]	grid_3.6.1	nlme_3.1-141	jsonlite_1.6.1	gtable_0.3.0
## [45]	lifecycle_0.1.0	DBI_1.1.0	formatR_1.7	magrittr_1.5
## [49]	scales_1.1.0	cli_2.0.1	stringi_1.4.5	farver_2.0.3
## [53]	reshape2_1.4.3	fs_1.3.1	xml2_1.2.2	generics_0.0.2
## [57]	vctrs_0.2.2	RColorBrewer_1.1-2	tools_3.6.1	glue_1.3.1
## [61]	hms_0.5.3	processx_3.4.2	yaml_2.2.1	colorspace_1.4-1
## [65]	filehash_2.4-2	rvest_0.3.5	haven_2.2.0	

Appendix A