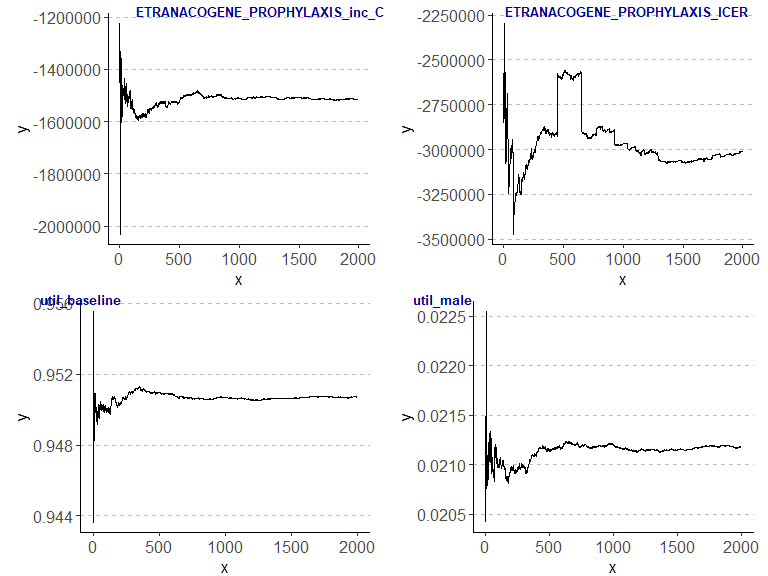
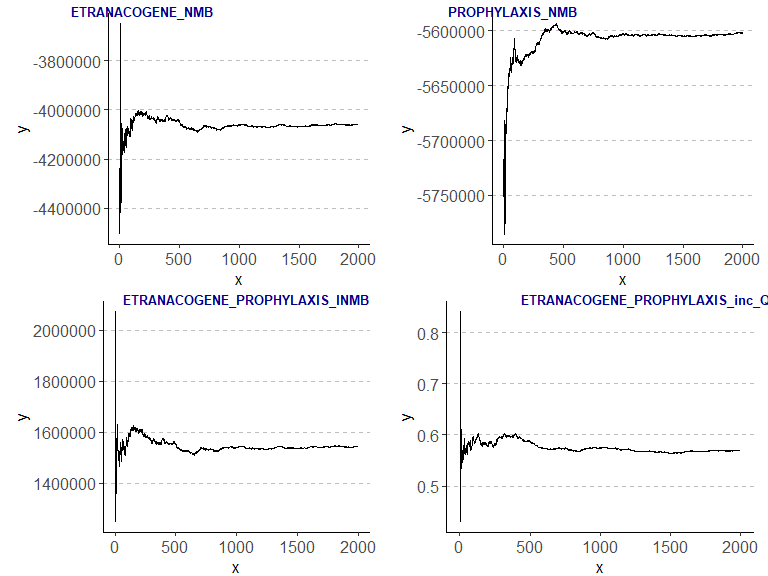
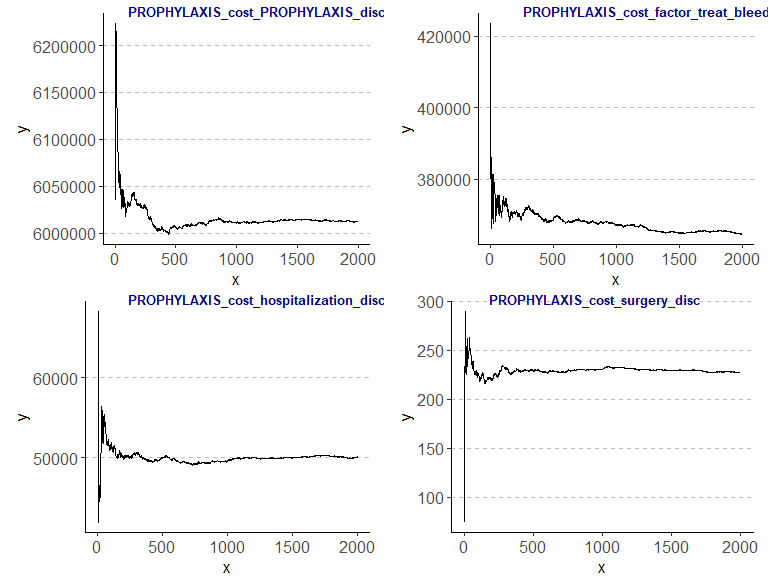
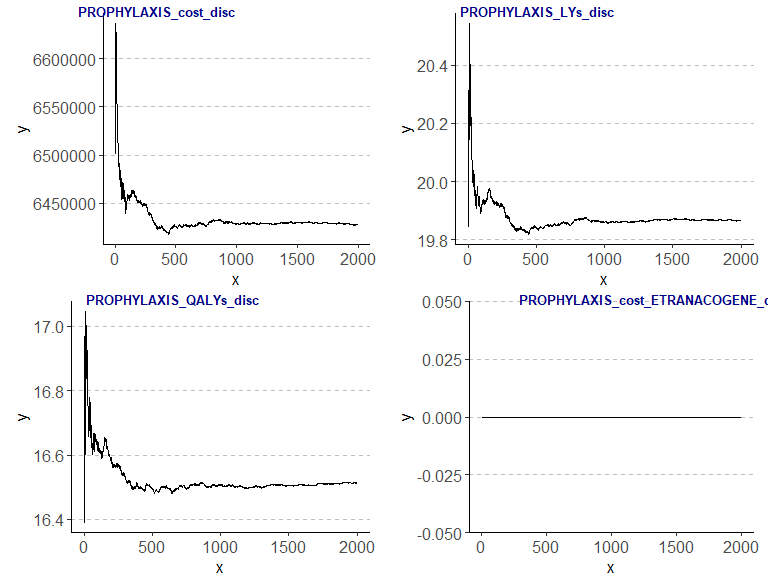
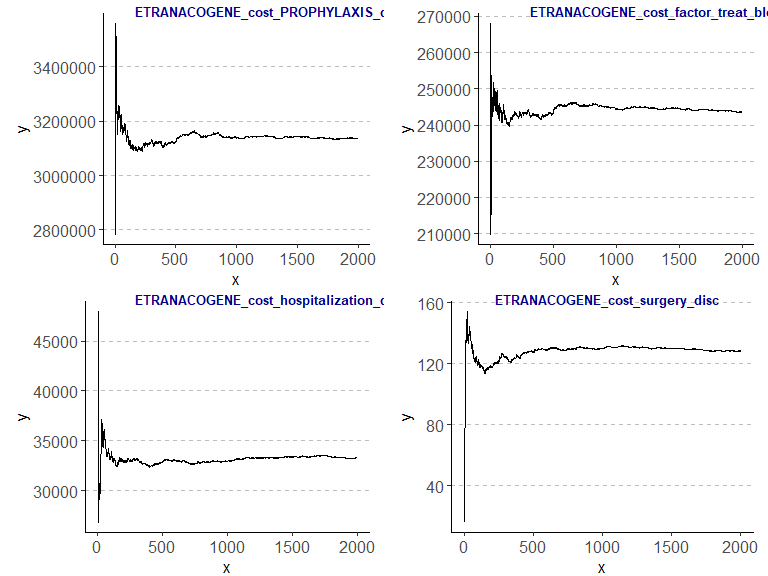
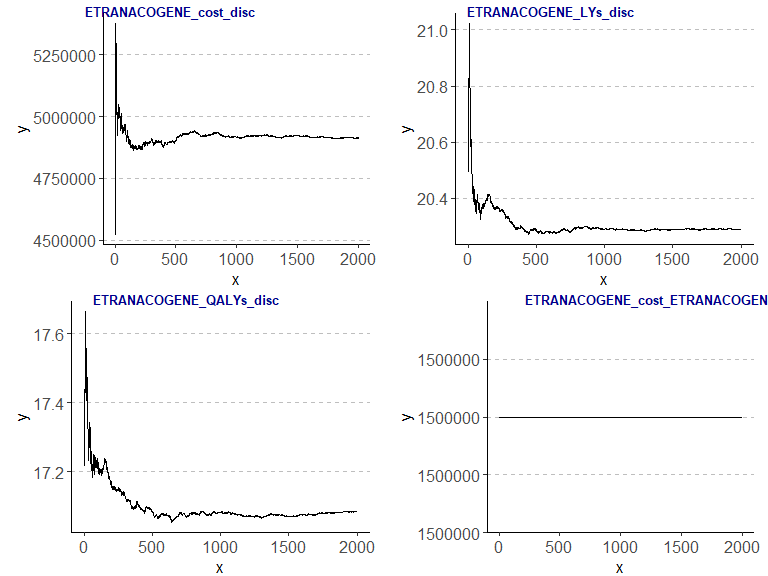
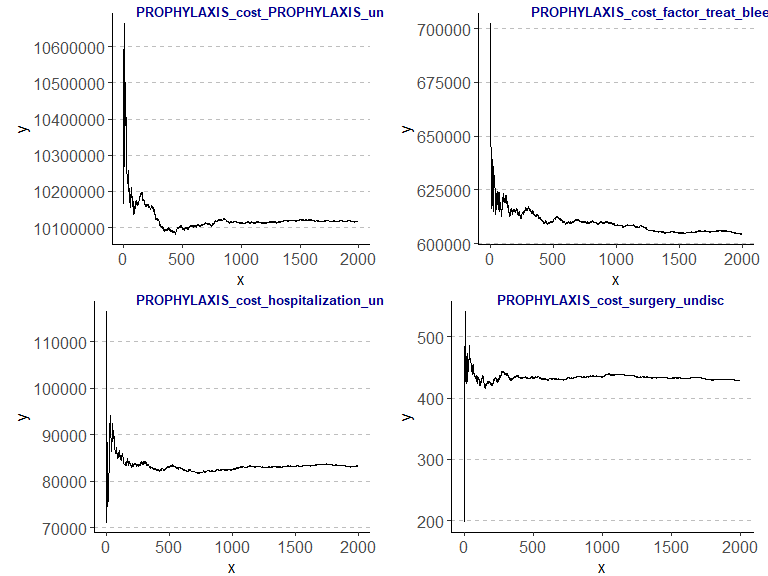
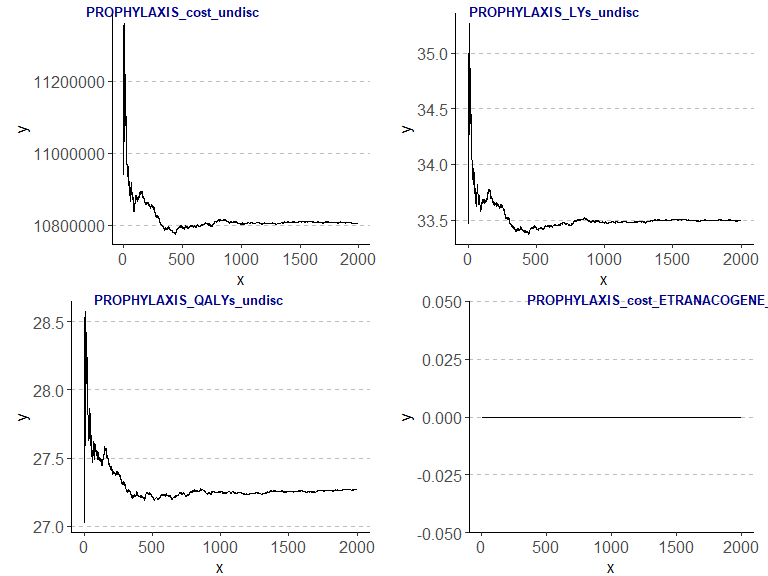
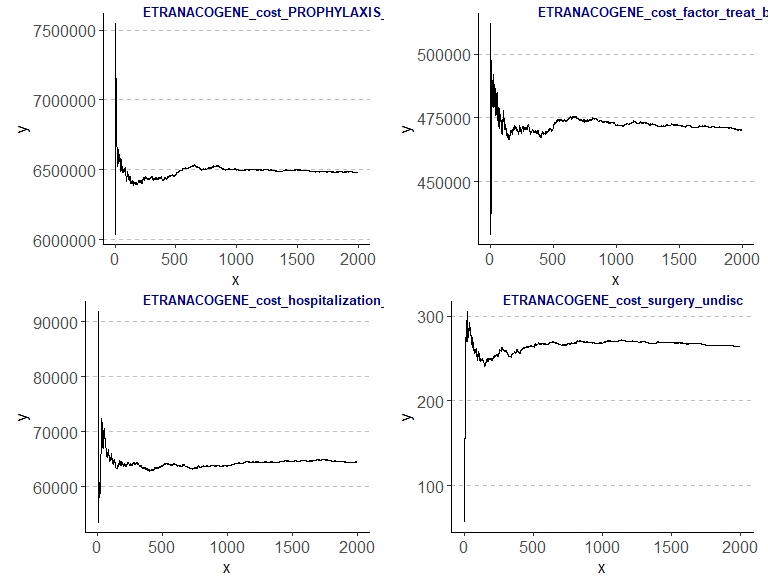
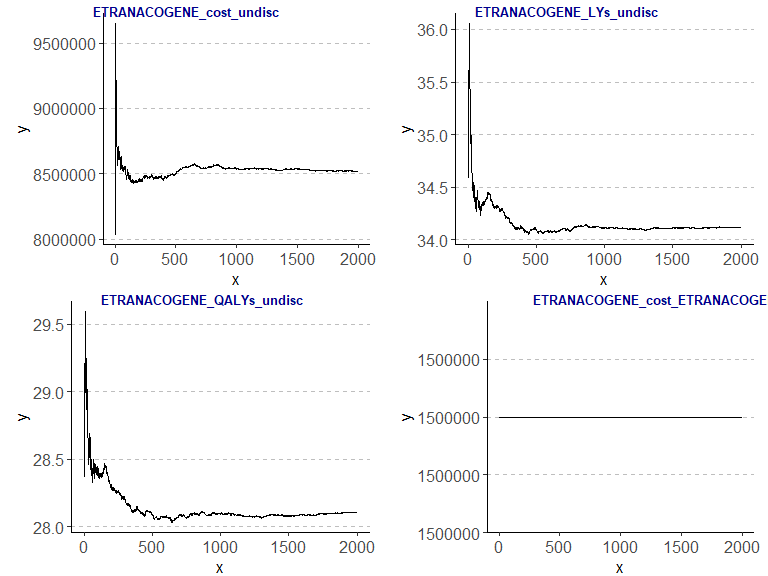
Analysis of HB CE probabilistic model

Niklaus Meier

Juli 28, 2023

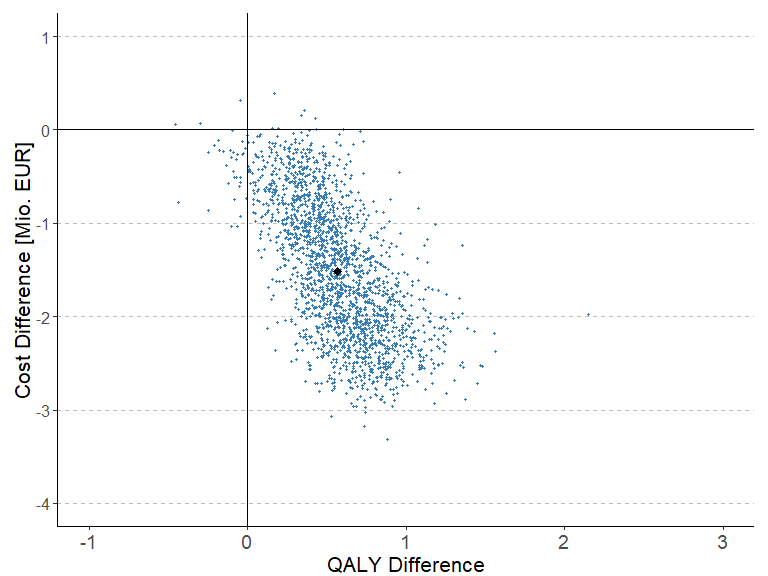
##   
##   
## | Treatment | LYs | QALYs | Costs | NMB | ICER |  
## |:------------:|:-----:|:------:|:--------:|:--------:|:--------:|  
## | ETRANACOGENE | 20.29 | 17.08 | 4912711 | -4058541 | 0 |  
## | Prophylaxis | 19.87 | 16.51 | 6427660 | -5601952 | 0 |  
## | Increment | 0.424 | 0.5693 | -1514948 | 1543412 | -2661244 |  
##   
## Table: Comparison discounted outcomes between ETRANACOGENE and Prophylaxis



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## | ETRA vs. PROPH inc. QALYs | ETRA vs. PROPH inc. Costs |  
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## Table: Diagnostics of convergence of running incremental outcomes over all patients in simulation. (continued below)  
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## [1] "We used intervals of 1000 patients, and checked whether the running mean of the incremental outcomes change by more than 1%."

## [1] "A 0 means that we have reached a stable value, i.e. we have achieved convergence and have a sufficient sample size, using this interval and this percentage change as a measure of sufficient stability."



# System information

Sys.info()

sysname release version nodename machine login user   
 "Windows" "10 x64" "build 19044" "M04486" "x86-64" "min1" "min1"

effective\_user “min1”

sessionInfo(package = NULL)

R version 4.3.1 (2023-06-16 ucrt) Platform: x86\_64-w64-mingw32/x64 (64-bit) Running under: Windows 10 x64 (build 19044)

Matrix products: default

locale: [1] LC\_COLLATE=German\_Switzerland.utf8 LC\_CTYPE=German\_Switzerland.utf8 LC\_MONETARY=German\_Switzerland.utf8 [4] LC\_NUMERIC=C LC\_TIME=German\_Switzerland.utf8

time zone: Europe/Zurich tzcode source: internal

attached base packages: [1] stats graphics grDevices utils datasets methods base

other attached packages: [1] rmarkdown\_2.23 captioner\_2.2.3 ggrepel\_0.9.3 plyr\_1.8.8 ggpubr\_0.6.0  
[6] truncnorm\_1.0-9 lookup\_1.0 data.table\_1.14.8 pander\_0.6.5 RColorBrewer\_1.1-3 [11] ggplot2\_3.4.2

loaded via a namespace (and not attached): [1] utf8\_1.2.3 generics\_0.1.3 tidyr\_1.3.0 rstatix\_0.7.2 digest\_0.6.33 magrittr\_2.0.3  
[7] evaluate\_0.21 grid\_4.3.1 fastmap\_1.1.1 backports\_1.4.1 purrr\_1.0.1 fansi\_1.0.4  
[13] scales\_1.2.1 abind\_1.4-5 cli\_3.6.1 rlang\_1.1.1 crayon\_1.5.2 cowplot\_1.1.1  
[19] munsell\_0.5.0 withr\_2.5.0 yaml\_2.3.7 tools\_4.3.1 ggsignif\_0.6.4 dplyr\_1.1.2  
[25] colorspace\_2.1-0 broom\_1.0.5 vctrs\_0.6.3 R6\_2.5.1 lifecycle\_1.0.3 car\_3.1-2  
[31] pkgconfig\_2.0.3 pillar\_1.9.0 gtable\_0.3.3 glue\_1.6.2 Rcpp\_1.0.11 highr\_0.10  
[37] xfun\_0.39 tibble\_3.2.1 tidyselect\_1.2.0 rstudioapi\_0.15.0 knitr\_1.43 farver\_2.1.1  
[43] htmltools\_0.5.5 carData\_3.0-5 labeling\_0.4.2 compiler\_4.3.1