Instructions

How to reproduce the results presented in the article “Decision curve analysis for personalized treatment choice between multiple options”

To reproduce the numerical results and the graphs, go through the following steps.

• You need to have R and R-Studio installed.

• Double click on DCA\_NMA.Rproj file

• You need to have the data from AFFIRM, CONFIRM, and DEFINE studies, as well as the individualized predictions via the NMA prediction model used under each of the available treatment options. (1)

• From within R-Studio, open the file MASTER.R and run it.

Reference

1. Chalkou K, Steyerberg E, Egger M, Manca A, Pellegrini F, Salanti G. A two-stage prediction model for heterogeneous effects of treatments. Stat Med. Available from: https://onlinelibrary.wiley.com/doi/abs/10.1002/sim.9034