Instructions

How to reproduce the results presented in the article “A two-stage prediction model for heterogeneous effects of many treatment options: application to drugs for Multiple Sclerosis”

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 ATwoStagePredictionModelMultipleSclerosis.Rproj file

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

You need to have the data from AFFIRM, CONFIRM, MSCRG, SENTINEL and DEFINE studies. If you have only AFFIRM, CONFIRM and DEFINE studies you have to ignore lines 43-53.

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