Instructions

How to reproduce the results presented in the article “The use of risk score for individualised cost-effectiveness modelling of many competing interventions”

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 NMACE.Rproj

• From within R-Studio, open the “Step 1 - TwoStageModel for Treatment Effects” and then the file MASTER.R and run the needed code for the Step 1 of estimating individualized transition probabilities and annualized relapse rates.

• Then within R-Studio, open the “Step 2 – Cost-effectiveness analysis” and then the file MASTER.R within it, and run the needed code for the Step 2 of estimating individualized Cost-effectictiveness.

You need to have the data from AFFIRM, CONFIRM, and DEFINE RCTs, as well from SMSC cohort study.