**PRE-WORKSHOP DAY 2: 16 April 2025**

Pre-workshop materials and recommended “homework” before the date:

1. Open the “**cohort-modeling-tutorial-intro.Rproj**” and install all the necessary packages.

To do so, please:

1. Go to https://github.com/DARTH-git/cohort-modeling-tutorial-intro
2. Download the code:
   1. Click on code-> Download zip
3. Unzip the files.
4. Open RStudio, make sure the current projects and files are all closed.
5. Open project: cohort-modeling-tutorial-intro.Rproj
6. Within the project open *cSTM\_time\_indep.R* from the analysis folder
7. Make sure all the relevant packages are installed (the commented code in lines 51-61)
   1. To uncomment, select/highlight the code and press ctrl+Shift+c
   2. To run the code select/highlight the code and press ctrl+Enter
8. Run the script of *cSTM\_time\_indep.R* (source code)
   1. You will get warning signs, but if no error has occurred, you have your code ready to start with the workshop.

**Once all these tasks are completed, you are ready for the workshop!**

We will assume all attendants have basic knowledge about:

* Quality of life (QoL) / Quality-adjusted life years (QALY)
* Basics concepts on Health economic modeling (for instance: discounting).
* Understand differences between annual rates and transition probabilities.
* Incremental cost-effectiveness ratio.
* Cost-effectiveness frontier when comparing more than two strategies/interventions.