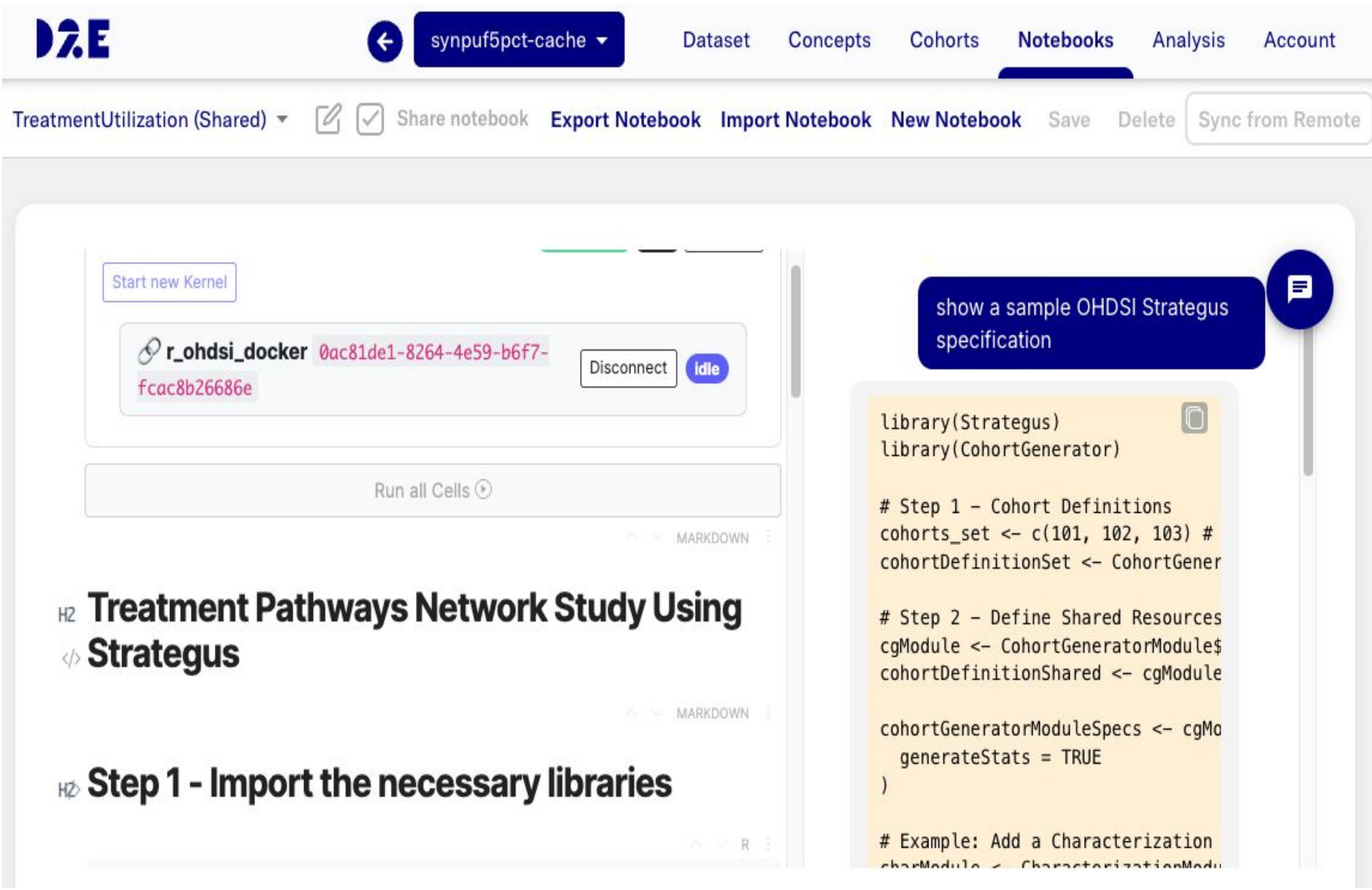


# The intuitive and interactive Data2Evidence platform simplifies and accelerates OHDSI network study workflows

## Integrated OHDSI Network Study Design and Execution in Data2Evidence

Running a network study in OHDSI, currently, requires multiple solutions to be set up and for the user to be technically proficient. We propose a solution that unifies network study design, execution, and result visualization within a single platform. Using the platform, one can create new studies, review existing ones, and create or manage metadata such as cohort definitions and study specifications. The execution environment provisioned by the platform also handles installation of all required modules and dependencies.

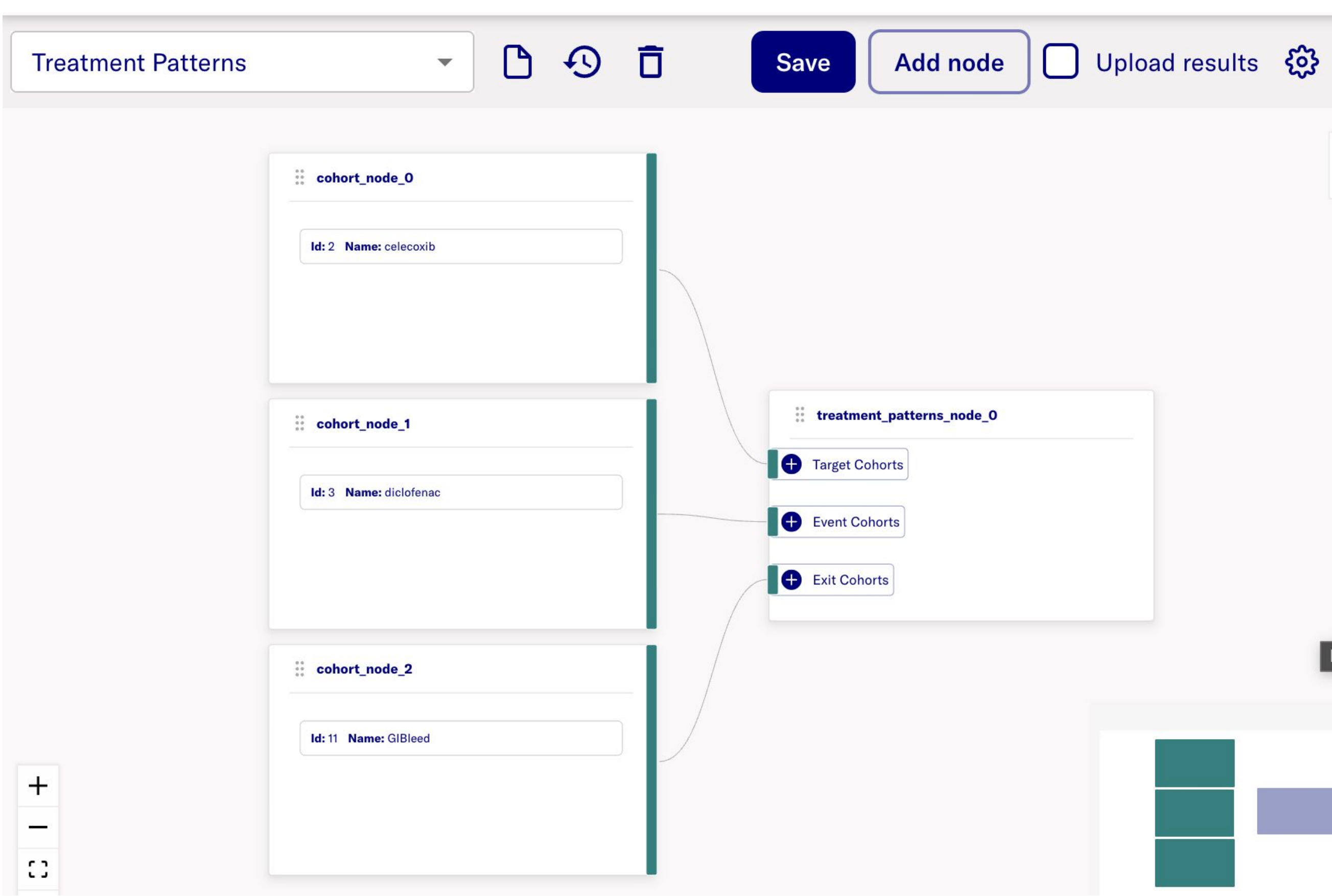
### Study Design – Notebook Interface



Jupyter-style notebook interface serves as the code editor enabling advanced users to design the study specification in R programming language. The interface is connected to a customized R kernel bundled with rD2E and the OHDSI HADES R packages avoiding the hassle of setting up an executable environment.

AI chat interface is available on the side panel to query a model for the development of the network study.

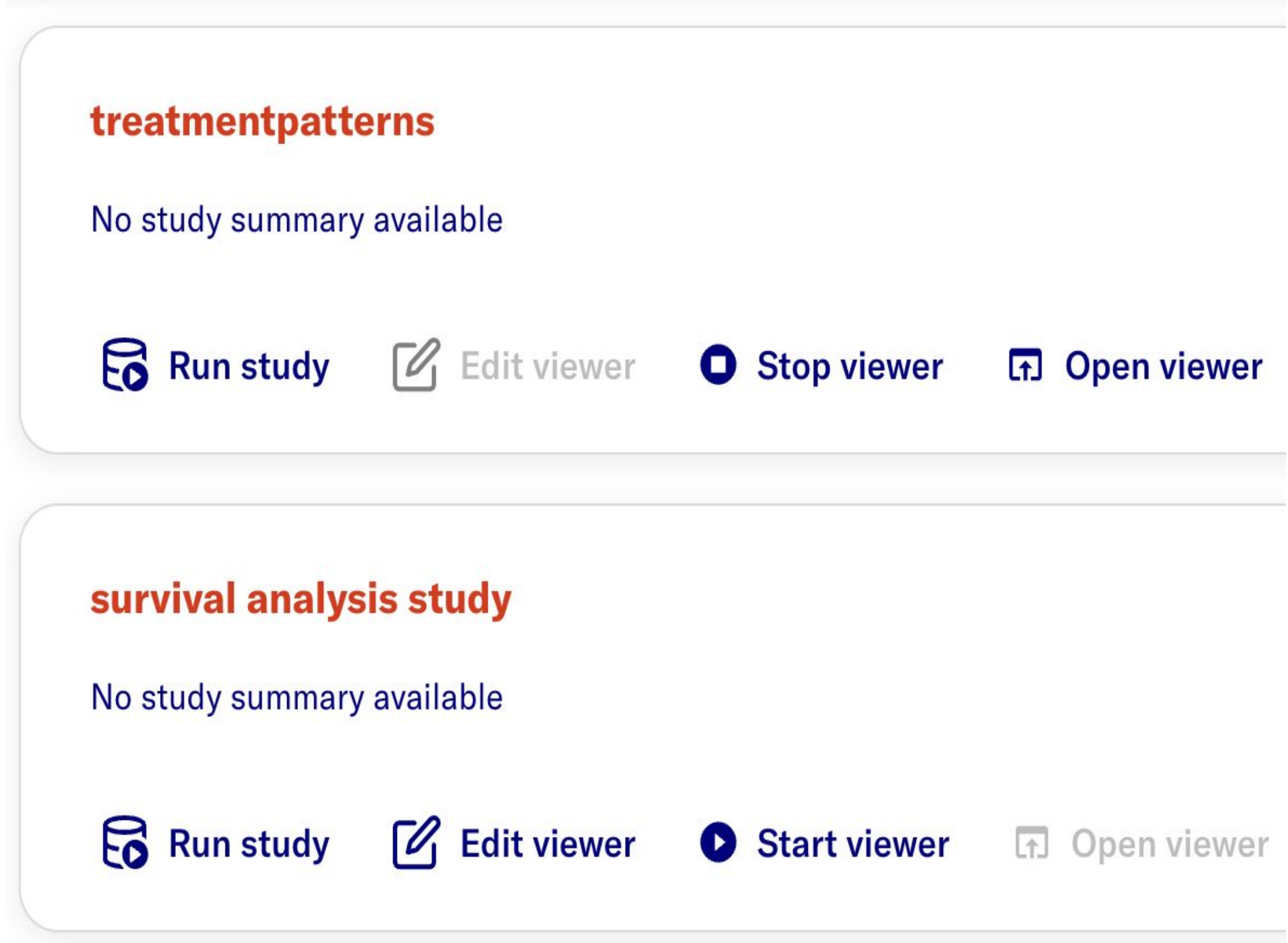
### Study Design – Graphical Interface



The graphical interface includes nodes and edges complementing R packages to enable non-technical users to easily design study specifications through an interactive drag-and-drop system.

Each node contains adjustable parameters and values representing a specific function e.g. CohortNode with cohort Id. In addition, the interface provides cues such as labels and color-codes to define relationship between nodes.

### List of Studies



All the available studies in the system are shown as a list. Add existing studies from OHDSI GitHub developed by other institutions. Furthermore, execute a study multiple times on different datasets.

OHDSI ShinyResultAppBuilder is integrated into the platform to display the results of a selected network study. The viewer allows customisation to include only the required modules that are part of a study.

### Result Viewer

