OHDSI Tutorial: Design and implementation of a comparative cohort study in observational healthcare data

Faculty:

Patrick Ryan (Janssen Research and Development)

Martijn Schuemie (Janssen Research and Development, UCLA)

Seng Chan You (Ajou University)

|  |  |  |
| --- | --- | --- |
| **Time** |  |  |
| 8:30am-9:00am | Welcome, get settled, get laptops ready |  |
| 9:00am-9:30am | Presentation: Overview of the new-user cohort method design | Patrick Ryan |
| 9:30am-10:15am | Threats to the validity of study results | Martijn Schuemie |
| 10:15am-10:30am | Coffee break |  |
| 10:30am-11:45am | Presentation: Overall process of Population-Level Estimation  Walkthrough of implementing a cohort study using ATLAS, and running the study package in R | Seng Chan You |
| 11:45am-12:15am | Bring your own research questions | Seng Chan You |
| 10:45am-11:00am | Coffee break |  |
| 12:15pm-1:15pm | Lunch |  |
| 1:15pm-5:00pm | Exercise: Collaborate on the design of a study | Alex Rekkas |
| 1:45pm-3:30pm | Presentation: Walkthrough of implementing a cohort study using ATLAS, and running the study package in R | Seng Chan You |
| 3:30pm-3:45pm | Coffee break |  |
| 3:45pm-5:00pm | Exercise: Collaborate on the design of a study | Seng Chan You |

The OHDSI tutorial computing environments are provided by Amazon Web Services:

ATLAS:

R-Studio: