

Dear Participants,

We are excited to be welcoming you to the OHDSI Europe Symposium on Friday, March 23. You are also registered for the OHDSI Tools Ecosystem tutorial on Saturday, March 24. We have a fun-filled day ahead of you, this email provides you more details about what's in store.

First a few logistics: The class will start promptly at 900am and will continue until 500pm. Registration and coffee will be available starting at 8am, and there will be drinks to celebrate a hard day's work afterwards. If you have a laptop, we encourage you to bring it, as there will be hands-on exercises for you to play with the OHDSI tools online. If you don't have a laptop, we suggest you come early to find a buddy who likes having someone look over their shoulder. The class will be a whirlwind tour through the OHDSI tools ecosystem, and will highlight functionality available in ATLAS - the open-source integrated analytics platform developed by the OHDSI community, and will cover topics such as vocabulary exploration, database characterization, cohort definitions, incidence rates, population-level effect estimation, and patient-level prediction. Each topic that is being covered in a series of short demonstrations is actually detailed in a one-day course in its own right (see tutorials on [ohdsi.org](http://ohdsi.org)), so our intention for this course is to raise your awareness of the capabilities within the OHDSI community, give you some basic skills to begin designing and implementing observational analyses, and hopefully motivate you to dive deeper into the OHDSI community. Our target audience for this class are data holders, researchers, and regulators who want to learn more about tools available within the OHDSI community. The class assumes basic familiarity with the OMOP Common Data Model but does not require data access for the course (ATLAS and access to simulated data is available on the OHDSI website); if you have access to data and the ATLAS tools installed in your own environment, you will be able to play along using your data. No programming skills are required to participate in this class, though you will see how SQL and R code is generated to execute some of the study designs you'll be introduced to.

The draft agenda is below

900am-1000am	Overview of OHDSI tools ecosystem	Patrick Ryan
1000am-1030am	Vocabulary	Patrick Ryan
1030am-1045am	Coffee Break	
1045am-1115am	Data sources	Peter Rijnbeek
1115am-1230pm	Cohort definition and characterization	Patrick Ryan
1230pm-130pm	Lunch	
130pm-200pm	Incidence rate	Patrick Ryan
200pm-230pm	Population-level effect estimation	Martijn Schuemie
230pm-300pm	Patient-level prediction	Jenna Reps
300pm-330pm	Design and implement your own OHDSI study!	
330pm-345pm	Coffee Break	
345pm-500pm	Design and implement your own OHDSI study!	

Prior to the course, we ask that you complete 2 homework assignments:

1. Read Graham et al., Cardiovascular, Bleeding, and Mortality Risks in Elderly Medicare Patients Treated With Dabigatran or Warfarin for Nonvalvular Atrial Fibrillation, *Circulation*, 2014 (<http://circ.ahajournals.org/content/131/2/157.long>). This paper will be used as a running example throughout the day. You will not have time during the tutorial to read it, and you will get a lot more out of the activities if you'd already critically reviewed its content. In particular, as you are reading the paper, be asking yourself: 'how would I do this study myself?'

2. Select one question that you would like to explore in observational data. Determine what is already known about the topic and what are the gaps in the evidence base that could be supported through further analysis. Bring in the context of your question to the class, perhaps it would be a publication you'd like to replicate in different data or a EMA PRAC notice about an ongoing topic or FDA risk communication. We will discuss the various questions that are brought forth and pick one to explore as a group.

We look forward to seeing you all at Erasmus MC.

Please don't hesitate to reach out if you have any questions and send an email to [info@ohdsi-europe.org](mailto:info@ohdsi-europe.org) (do not reply to all in this email).

Thank you for joining the journey!

In case you can no longer participate please send us an email to make your spot available for someone else!

Cheers,

Patrick Ryan, Peter Rijnbeek, Martijn Schuemie, Jenna Reps