



PopSim – DRA workshop:



Introduction to Population PKPD modelling

Thursday 26 September 2024

The PopSim board and Drug Research Academy (DRA), under the University of Copenhagen wants to repeat the success from last year and host a workshop with a hands-on introduction to population PKPD modelling in clinical research. The program is tailored to newcomers in the field of PKPD modelling (e.g. master students, PhD students, clinicians, and other researchers without modelling expertise).

Program

Thursday 26 September 2024:

Venue: **University of Copenhagen**, Universitetsparken 2, 2100 Copenhagen, room TBA

- 8.30 - 8.35 Welcome by Trine Meldgaard Lund and Coffee
- 8.35 - 9:15 Lecture: *Introduction to PK/PD modeling with basic examples using nlmixr2/rxode2 (Daniël Jonker)*
- 9:15 - 12:00 Hands-on 1 in R: *Understanding PK data, PK models and covariates (Theodoros Papathanasiou and Eva Sverrisdóttir)*
- 12:00 - 13:00 Lunch
- 13:00 - 13:45 Lecture: *Variability, covariates, diagnostics, and simulations (Trine Meldgaard Lund)*
- 14:00 - 16.00 Hands-on 2 in R: *Parameter estimations and model diagnostics (Theodoros Papathanasiou and Eva Sverrisdóttir)*

As this is a hands-on-workshop, participants will be required to bring a laptop and install R and nlmixr2 <https://nlmixr2.org/> prior to the workshop.

REGISTRATION Deadline Wednesday 14 August 2024. There is a limited number of seats (30), which will be distributed on a first come first served basis but giving priority to PhD students. Participation is free of charge. Notification of admission to the workshop will be given by the end of August.

[Section for Quantitative Pharmacology \(PopSim\) – Danish Pharmaceutical Society](#)

[Drug Research Academy \(DRA\) – University of Copenhagen](#)



We want to acknowledge “nlmixr2 team development team” for their contributions to the open-source community.

On behalf of the PopSim board and DRA, Trine Meldgaard Lund



PopSim – DRA workshop:



An introduction to PKPD modelling and simulation using nlmixr2

Friday 27 September 2024

The PopSim board and Drug Research Academy (DRA), under the University of Copenhagen wants to repeat the success from last year and host a workshop on rxode2 and nlmixr2 with a hands-on session. The workshop is intended for PKPD modellers with experience in using R and will provide illustrative examples of various modelling applications.

Program

Friday 27 September 2024:

Venue: **University of Copenhagen**, Universitetsparken 2, 2100 Copenhagen, room TBA

- 9:00 - 9.05 Welcome by Trine Meldgaard Lund and Coffee
- 9:05 - 11:30 **Lectures and hands-on in R: An advanced workshop in nlmixr2** by Rik Schoemaker (Occams, Netherlands) with hands-on assisted by Johan Areberg (Lundbeck)
- 11:30 - 12:00 Sandwich and Coffee break
- 12:00 – 13:30 **Lectures and hands-on in R (continued)**

As this is a hands-on-workshop, participants will be required to bring a laptop and install R and nlmixr2 <https://nlmixr2.org/> prior to the workshop.

REGISTRATION Deadline Wednesday 14 August 2024. There is a limited number of seats (30), which will be distributed on a **first come first served** basis but giving priority to PhD students and then to people that have not attended the first day. Participation is free of charge. Notification of admission to the workshop will be given by the end of August.

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