

Tutorial 1:

nlmixr: Population Modeling in R Chairs:

Matthew Fidler and Wenping Wang Hands On Tutors:

Teun M. Post, Yuan Xiong, Mirjam N. Trame, Justin Wilkins, and Rik Schoemaker

nlmixr: Final Thoughts and Next Steps

Wenping Wang

On behalf of the nlmixr development team:

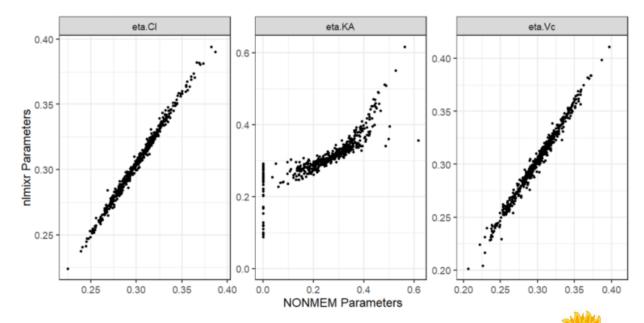
Matt Fidler, Richard Hooijmaijers, Teun Post, Rik Schoemaker, Mirjam Trame, Justin Wilkins, Yuan Xiong and Wenping Wang



The good, the bad, and the beautiful

- Lots of over-time
- Lots of work over weekend
- Lots of frustration
- Lack of funding

- Sense of connected with the global community
- Sense of giving back to the community
- Lots of joy
- Lots of satisfaction

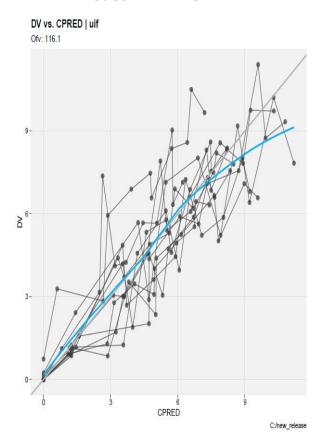




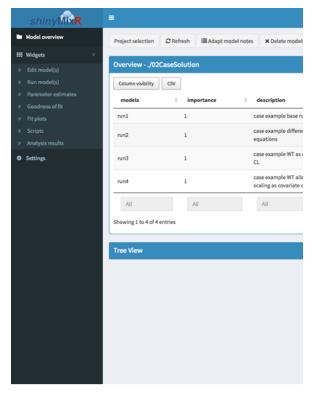


By the people: nlmixr add-ons

xpose interface **Justin Wilkins**



GUI project management **Richard Hooijmaijers**



Auto reporting Christian Rasmussen

LOGO	Modeling Analysis Report
Report Title:	Population pharmacokinetic modeling of DRUGX
Date Issued:	DD MMM YYYY
Sponsor.	COMPANY
Product:	DRUGX
Name Surname	Name Surname
Title	Title
Company	Company
City, Country	City, Country

Author(s) Summary of Changes DD MMM YYYY Author Name First version of document

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Bernard Ngara

GUI auto-simulator

A nimixr shinyDashboard Application for Exploration and Visualization of PKPD Model Simulations Ngara^{1,3,3}, Z Mulyukov³, M Fidler⁴, K Grosoh⁵, W Wang⁵, M Trame⁶ **也** NOVARTIS

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nlmixr: a popPKPD tool by PMx'ians & for PMx'ians

Call for participation:

- 1) shinyMixR
- 2) STAN/Bayesian
- Comparison/Benchmarking (i.e. to NONMEM&Monolix)
- 4) PBPK/QSP Module
- 5) nlmixr tutorials and local champions
- 6) NCA App



Contact us to participate @ nlmixr.info@gmail.com

