Advanced Features of NONMEM 7.5 Workshop for ACoP 2022

Date: Saturday, 29th October, 2022
Time: 09:00 - 17:00

Location: Aurora, Colorado

A one-day NONMEM 7.5 course will be presented by ICON at the ACoP 2022 Convention

This one-day, in-person, workshop will cover the description and use of features in NONMEM 7. Workshop attendees will be instructed how to specify gradient precision and how to use the FAST algorithm (new in NM 7.4) for FOCE, and will also be instructed on how to use the Monte Carlo importance sampling, stochastic approximation expectation-maximization methods, and full Bayesian methods such as Gibbs sampling and Hamiltonian no-U turn sampling (new in NM 7.4). Parallel computing and dynamic memory allocation for efficient memory usage will also be described as well as symbolic references to thetas, etas, and sigmas, priors to sigmas, MonteCarlo search algorithms to improve FOCE estimation, built-in individual weighted residuals, bootstrap tools for simulation, and automatic stabilization against numerical exceptions. Also, learn to use new abbreviated code features for easier modeling of inter-occasion variability, modeling additional mixed effects levels for grouping individuals, such as inter-clinical site variability, and using the DO loop feature in abbreviated code, useful for handling multiple bolus doses in models that use the analytical absorption function for multiple transit compartments. New in NONMEM 7.5: Optimal clinical design and evaluation tool is available, as well as delay differential equation solvers. The features of PDx-Pop 5.3, the graphical interface for NONMEM 7, will also be demonstrated.

Presenters: Robert Bauer, PhD & Brian Sadler, PhD

Fees: $600 for Industry, $300 for Academia/Government, $150 for Students

Contact Lisa Wilhelm at: Lisa.Wilhelm@iconplc.com for more information, pricing and registration.