AUDIENCE ASKED QUESTIONS

1. *Can you discuss PopPK models and the impact of covariance in clinical PK simulations?*

PopPK models are frequently used to guide e.g., therapeutic individualization. With the ncappc package, there is an option to evaluate the performance of the simulated PopPK data in comparison to the NCA PK parameters obtained in the NCA analysis.

2. *How to better analyze the correlation matrix? What are the different dollar values and their importance, and how do you choose those values?*

It is possible to analyze the correlation matrix in R, I have not seen the correlation matrix in relation to the NCA analysis.

3. *How to let R derive extrapolated AUC (i.e., sample collection stopped prior to tau, but want to derive AUCtau)?*

The NCA packages in R work with both single dose and steady state, including the ncappc package. For specifications on how to derive AUCtau we recommend looking at the package manuals.