

August 23, 2019

StanCon2019 Organizing Committee  
P.O. Box 90596  
Austin, TX 78709 USA



To Whom It May Concern:

This letter confirms that  
attended 2 afternoons (1/2 day) of instruction for *Population and ODE-based models using Stan and Torsten* at StanCon2019 on the dates of August 20 and August 21, 2019.

This class covers techniques to build, fit, and criticize Bayesian models in pharmacometrics. When handling such models, we must address the following challenges: (i) the data generating process involves solutions to ODE systems; (ii) these ODEs are embedded in a complicated event schedule; (iii) the data comes from various sources, for instance various patients and studies, and the resulting models are hierarchical. Note that these properties are not specific to pharmacometrics, and arise in other fields such as epidemiology, geology, and econometrics. To accommodate a broad audience, we will keep the core concepts general, and review basic notions of pharmacometrics, so that participants from all fields can do the exercises.

Proof of payment is in the form of the corresponding EventBrite receipt. Please note that individual tutorials were not ticketed.

StanCon2019 (<https://mc-stan.org/events/stancon2019Cambridge/>) is the annual conference of the Bayesian modeling language Stan.

Sincerely,



Breck Baldwin, Ph.D on behalf of StanCon Organizing Committee