

Supplementary Materials: Monitoring the Recombinant Adeno-Associated Virus Production by Extended Kalman Filter

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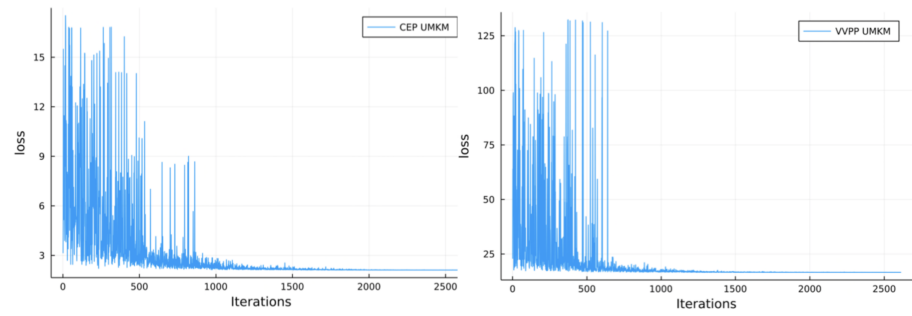


Figure S1. Losses of the training process of NODE of cell expansion phase (CEP) (loss minimum around 2) and viral vector production phase (VVPP) kinetic models (loss minimum around 16).

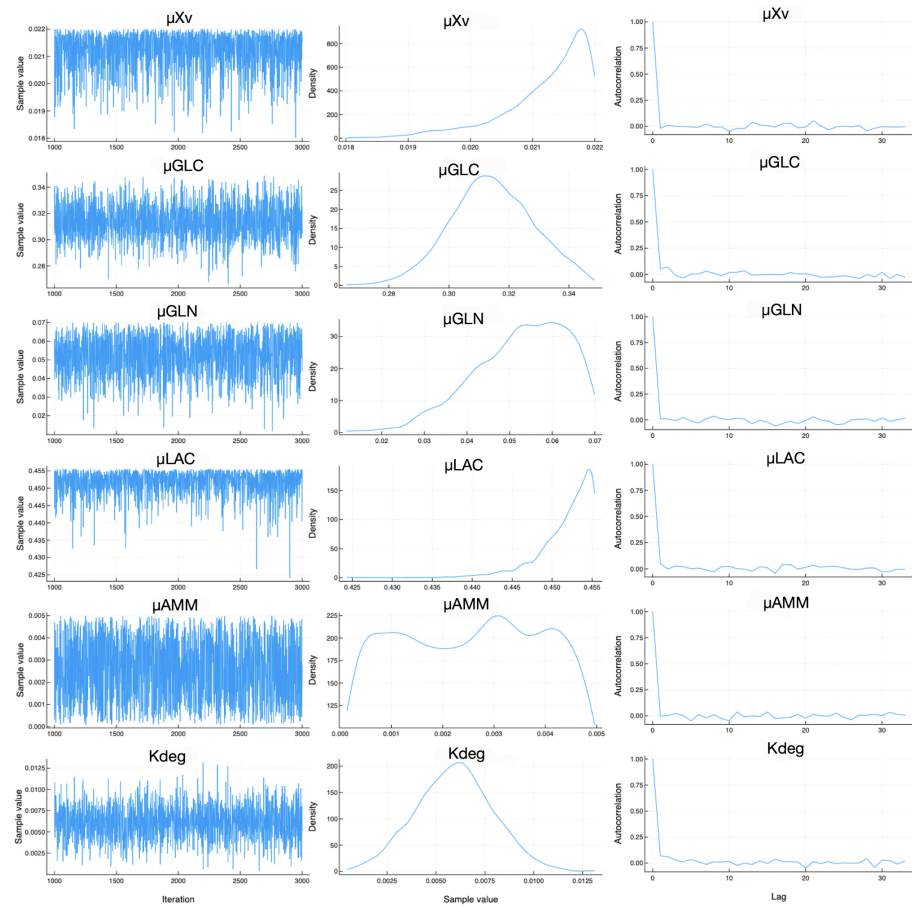


Figure S2. Marginal posterior distributions for the parameters of the cell expansion phase (CEP) kinetic model. ACF plot shows auto-correlation in the sampled values decaying away rapidly to zero, indicating that the mixing of the NUTS sampler is good.

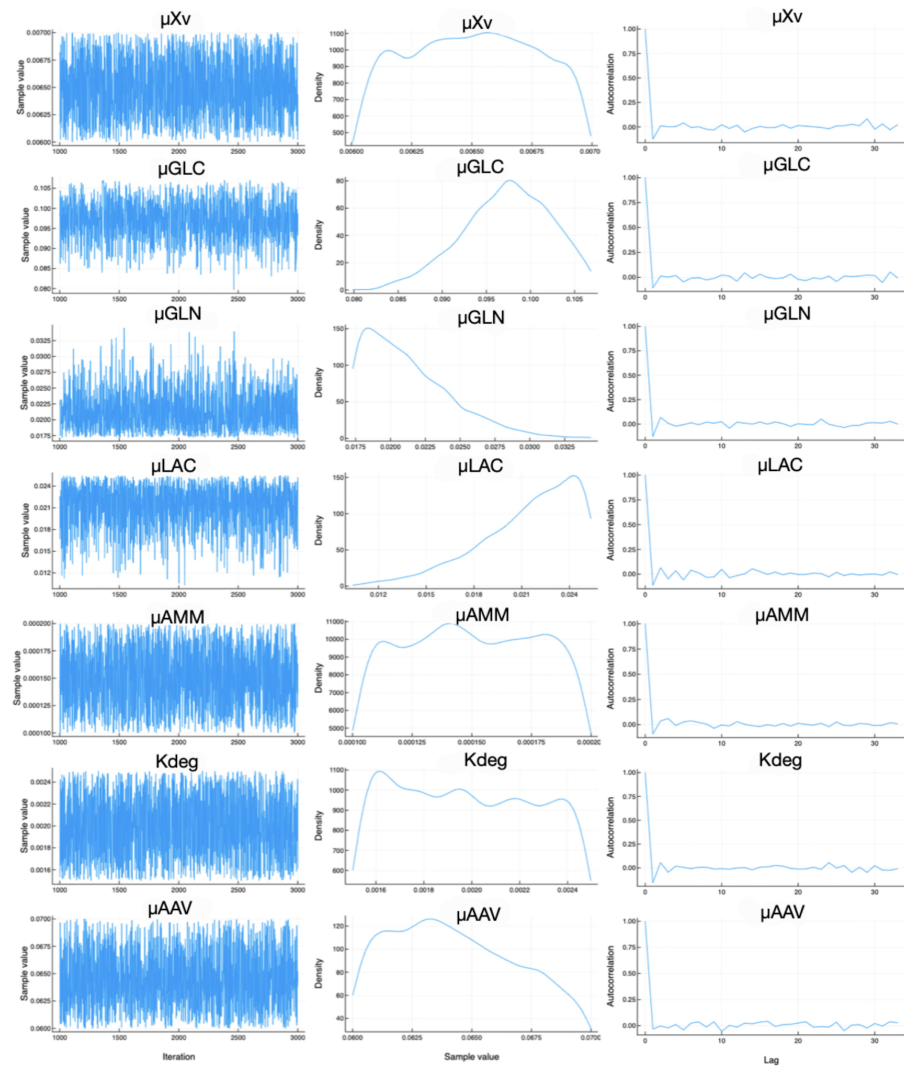


Figure S3. Marginal posterior distributions for the parameters of the viral vector production phase (VVPP) kinetic model. ACF plot shows auto-correlation in the sampled values decaying away rapidly to zero, indicating that the mixing of the NUTS sampler is good.