



Figure S3. a) and b): VPC diagnostics for the longitudinal data (training dataset). c) and d): VPC diagnostics estimated on the validation dataset. e) and f): Model predictions of longitudinal profiles, based on limited data (3 months of longitudinal data). Solid lines: Median, actual, with 90% and 10% quantiles of longitudinal data. Dotted lines: Predicted values; range in color: 95% CI of predictions.