

S4 Figure. Predictive performance on simulated and biological data. The plots show the performance of our hierarchical model and PMM. (a) Our model shows a lower mean squared error for all error variances $\sigma^2 = 1$, $\sigma^2 = 2$ and $\sigma^2 = 5$. (b) Increasing the number of viruses lowers the mean squared errors in both models marginally. For all benchmarks our model had a minor, non-significant advantage over PMM.

