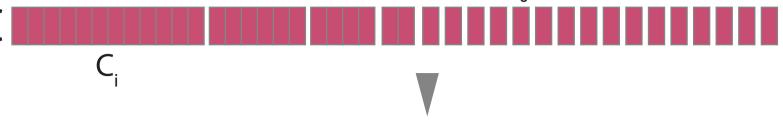
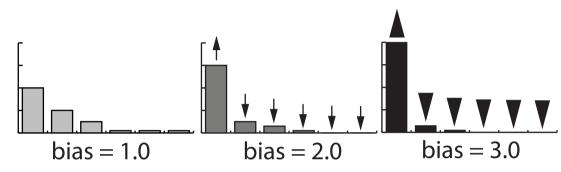
simulation track

simulated case clusters under different R₀ values



"sequence" from each case cluster with multivariate hypergeometric distribution

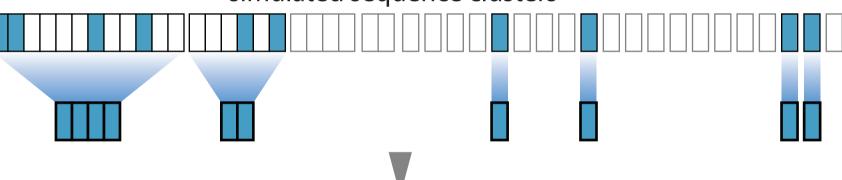


Hypergeometric "sequencing":
Successes: C_i
Failures: C - C_i

Trials: sequences left



simulated sequence clusters



summary statistics for sequence cluster sizes

empirical track

unknown distribution of case clusters

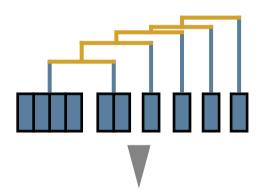


sequences of MERS-CoV from humans and camels

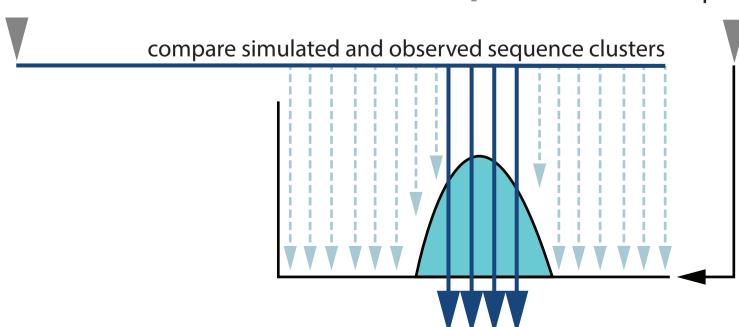




clusters inferred from structured coalescent



posterior distribution of summary statistics for sequence cluster sizes



parameters generating case cluster sizes that generate MERS-CoV-like sequence cluster sizes