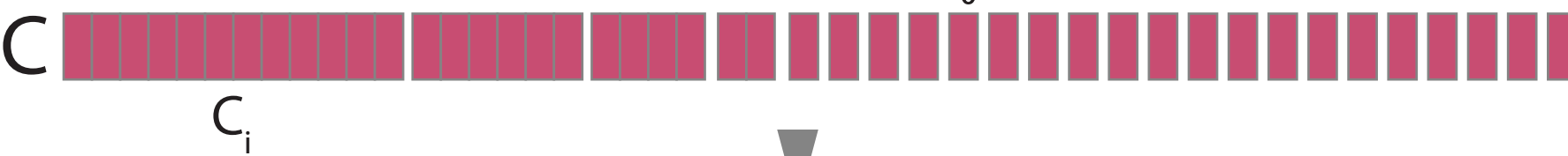
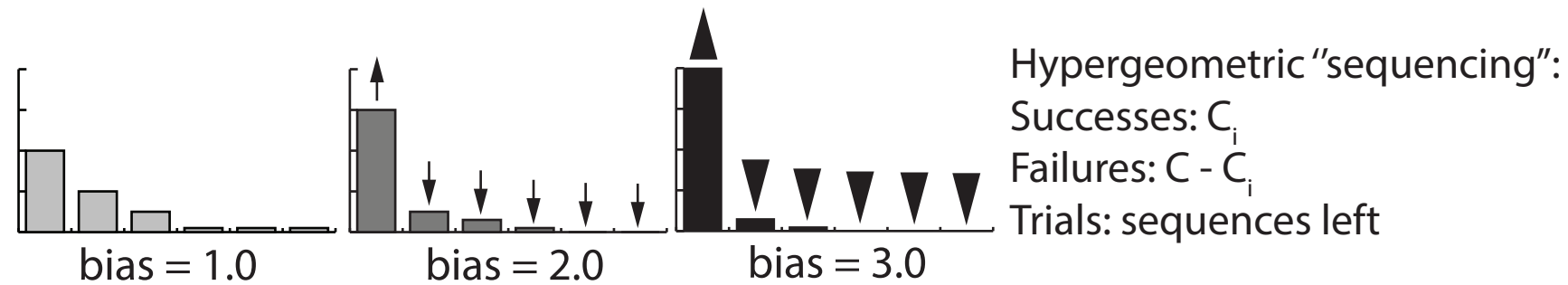


simulation track

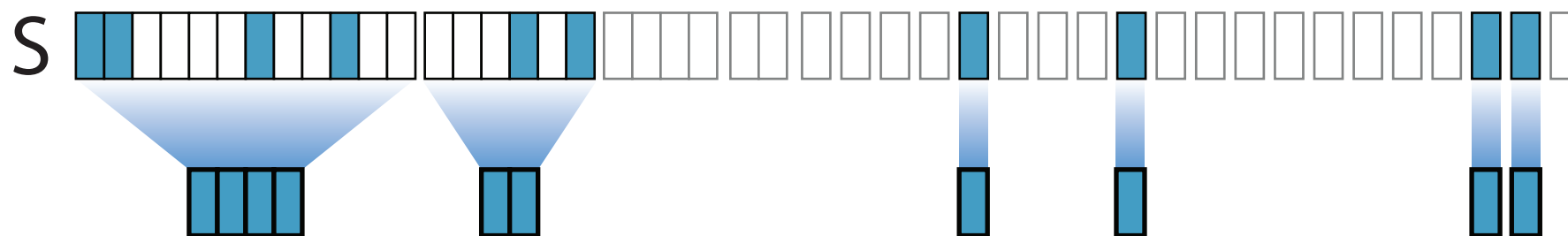
simulated case clusters
under different R_0 values



"sequence" from each case cluster with multivariate hypergeometric distribution

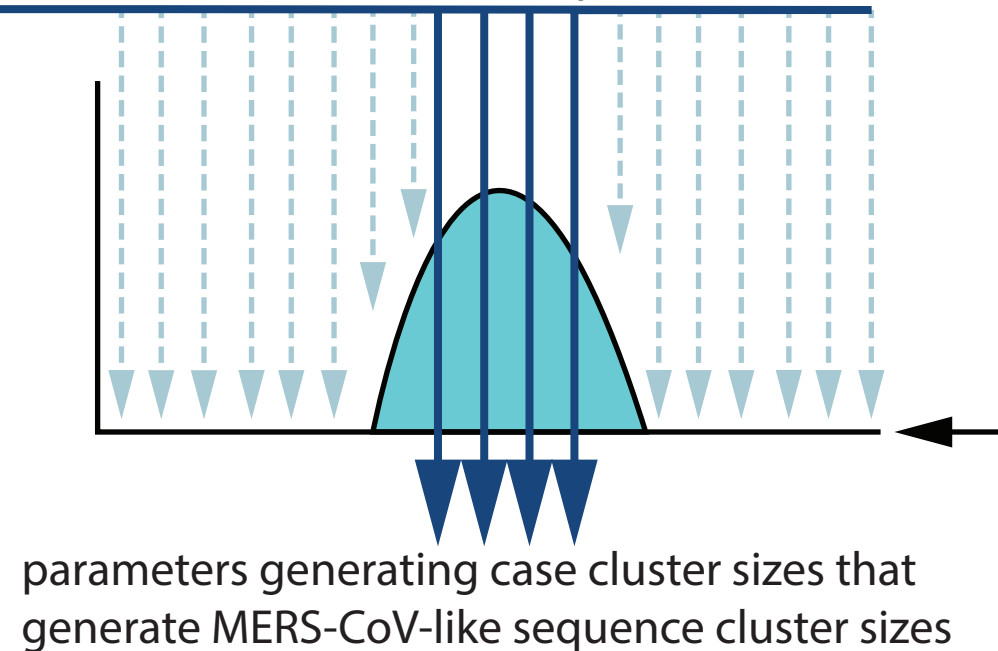


simulated sequence clusters



summary statistics for sequence cluster sizes

compare simulated and observed sequence clusters



empirical track

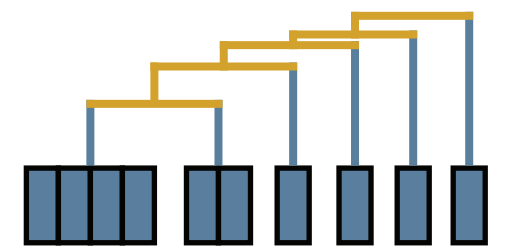
unknown distribution of case clusters



sequences of MERS-CoV
from humans and camels



clusters inferred from
structured coalescent



posterior distribution of summary
statistics for sequence cluster sizes