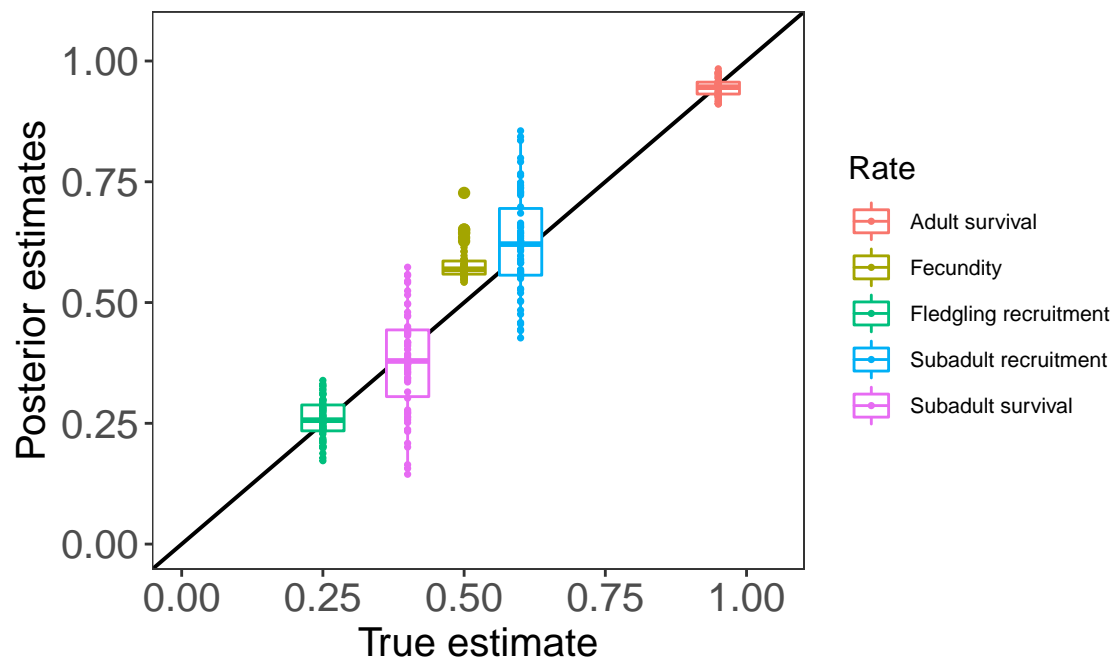


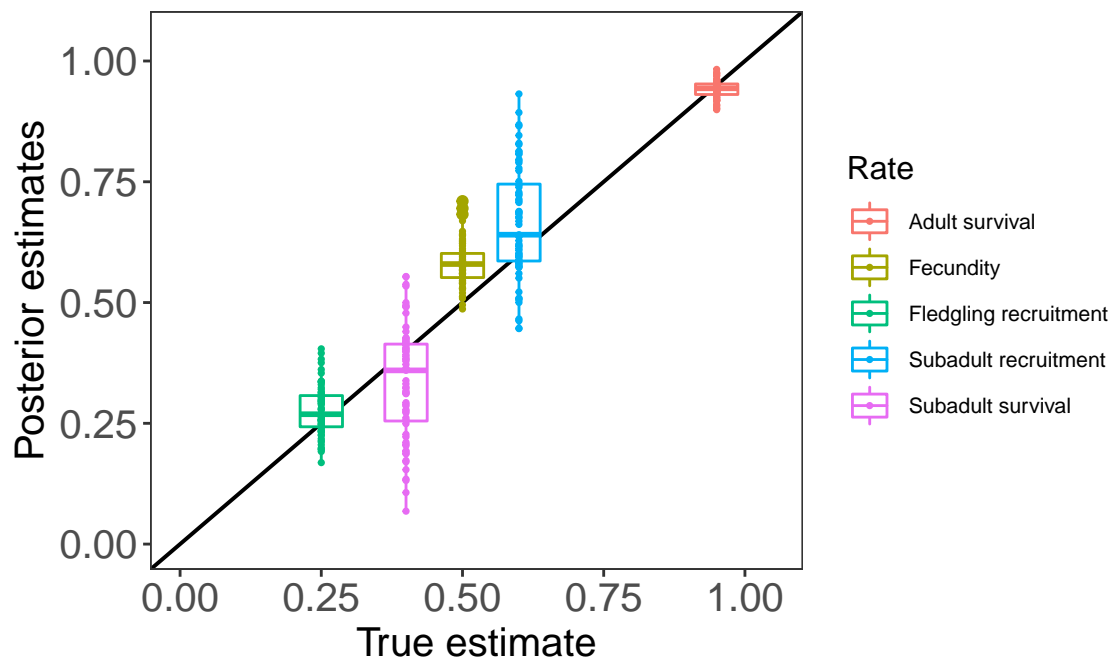
## Density-independent model

A) Model fitted to synthetic data

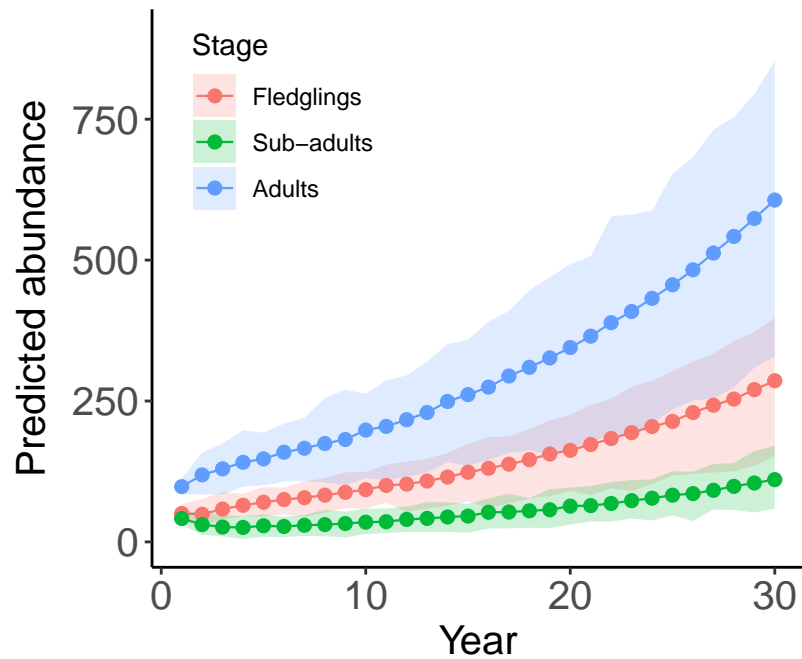


## Density-dependent model

C) Model fitted to synthetic data



B) Synthetic time-series



D) Synthetic time-series

