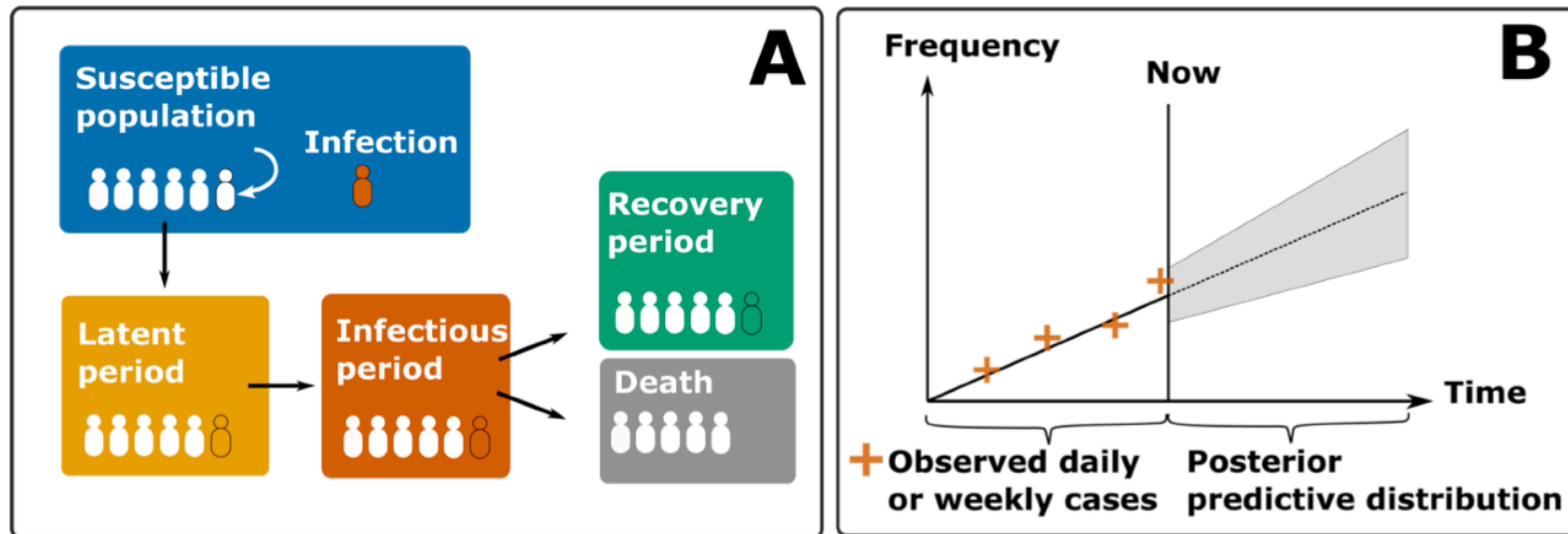


Case study

Ebola

- Why we'd be interested in R_0 ?
- Why inference & prediction pipeline is important ?



Case study

Ebola outbreak

- Data are reported cases from Guinea and Liberia
- Prior $R_0 \sim \text{TruncNorm}(1.7, 0.5, 1.05, 4)$
- Summary statistic : median of slopes of log-transformed case counts
- Discrepancy : log-transformed euclidean distance