

0

Initialise incidence partitioning

2

Simulate epidemic over P partitioned time-steps

3

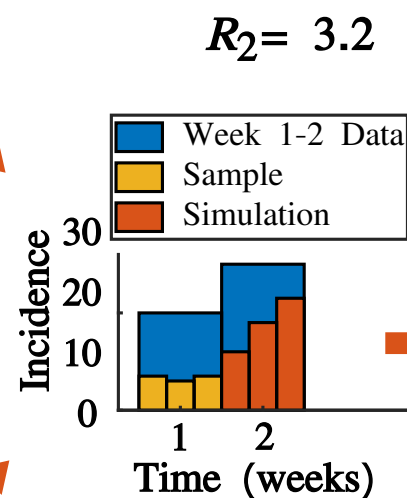
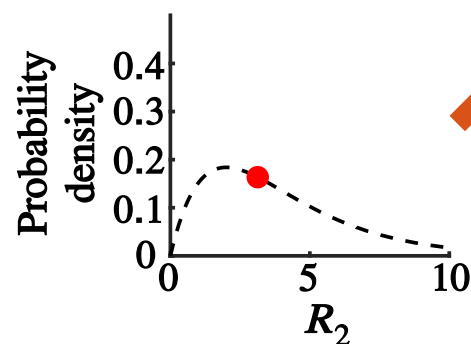
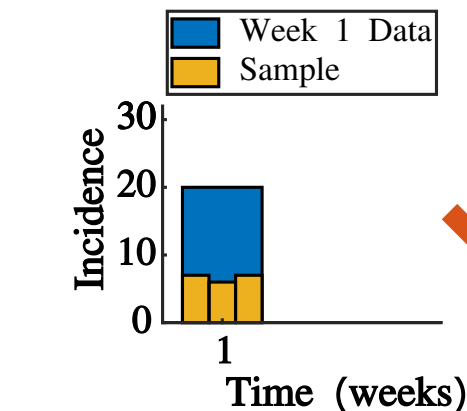
Repeat step 2 until NumMatches is reached

4

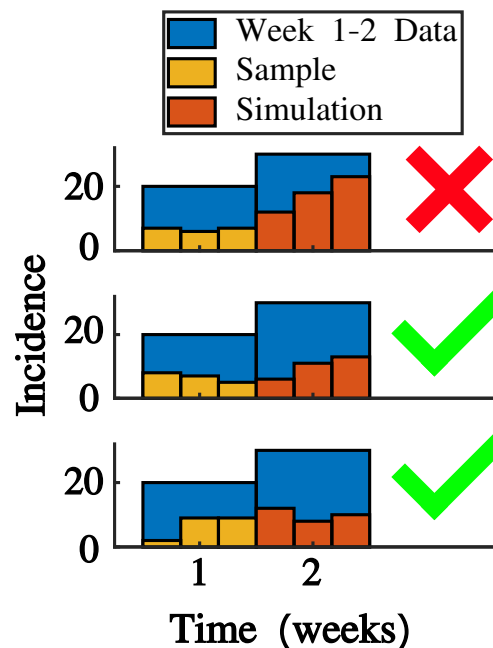
Generate posterior for R_t

1

Sample R_t from prior



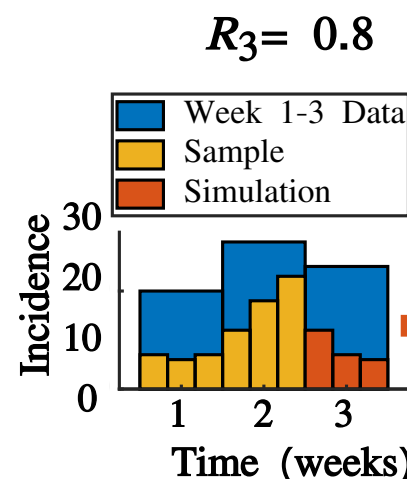
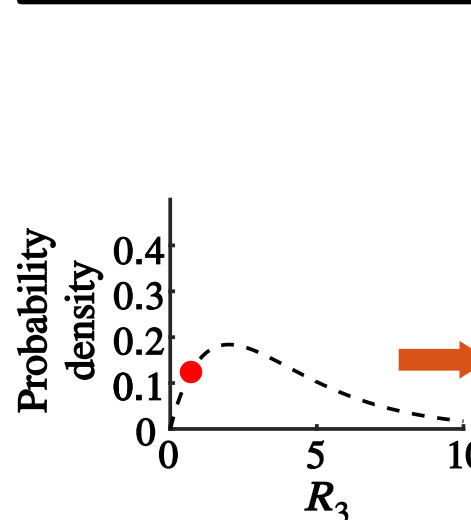
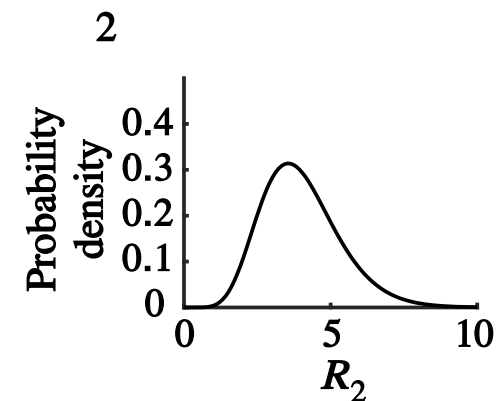
$R_2 = 3.2$



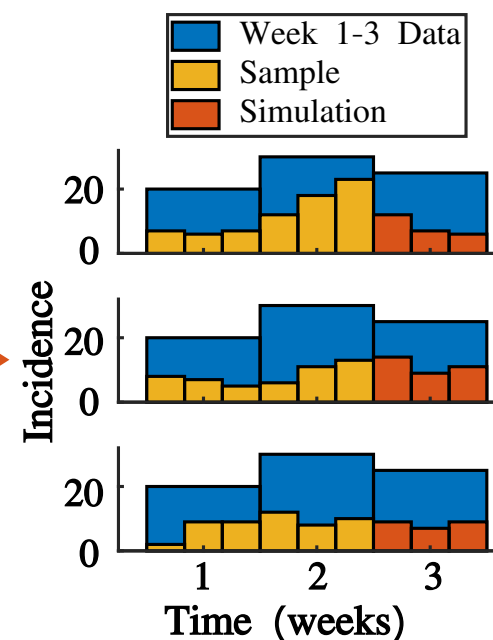
$R_2 = 3.2$

$R_2 = 2.1$

$R_2 = 1.4$



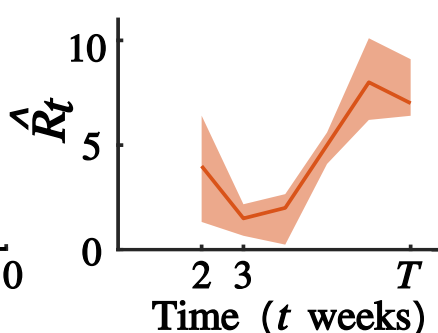
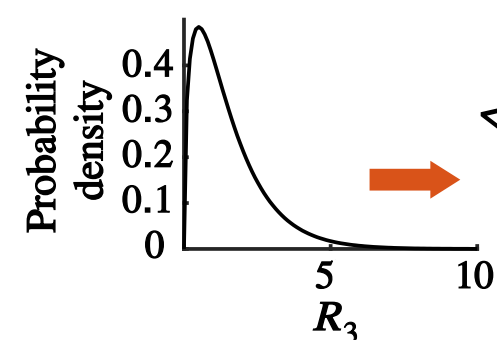
$R_3 = 0.8$



$R_3 = 0.8$

$R_3 = 1.4$

$R_3 = 1.1$



5

Generate temporal posterior for R_t for $t = 1, 2, \dots, T$