Simulation with $\beta_0 = 0.15$ and $\beta_1 = 0.4$, seed: I1 = 20, I2 = 10

Mean I_cum with Mean R

- Mean I_cum
- Mean R
- Mean S

Primary infections I1, I2, and recovered R1, R2

- Mean I1
- Mean I2
- Mean R1
- Mean R2

Secondary infections I12, I21, and recovered R1, R2

- Mean I12
- Mean I21
- Mean R1
- Mean R2

All infections I1, I2, I12, I21 to check overlap

- Mean I1
- Mean I2
- Mean I12
- Mean I21

Secondary infections I12, I21 to check overlap

- Mean I12
- Mean I21

$\beta(t)$ parameter over time