**Plots** 

**Content**: Number of daily Infections (for varying r0, shape\_gamma (k), scale\_gamma ( $\theta$ ))

## Number of days = 30

R0 = 0.5

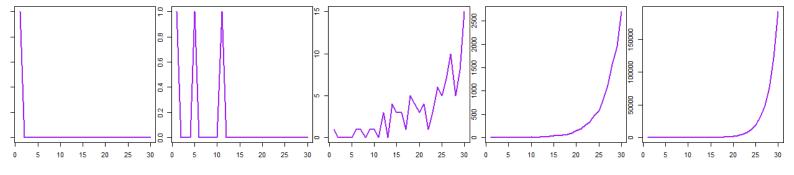
R0 = 1

R0 = 2

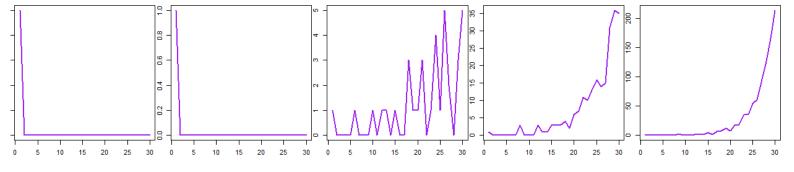
R0 = 4

R0 = 8

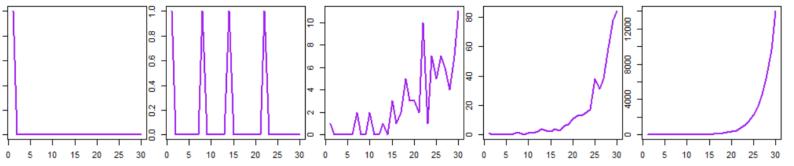
k = 9,  $\theta = 0.5$ 



$$k = 7.5$$
,  $\theta = 1.0$ 



k = 6,  $\theta = 1.0$ 



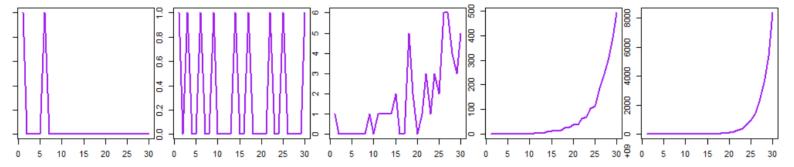
R0 = 0.5

R0 = 1

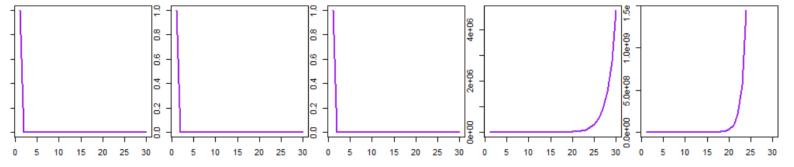
R0=2

R0=4 R0=8

k=3,  $\theta=2$ 



 $k = 1.5, \quad \theta = 2$ 



k=2,  $\theta=2$ 

