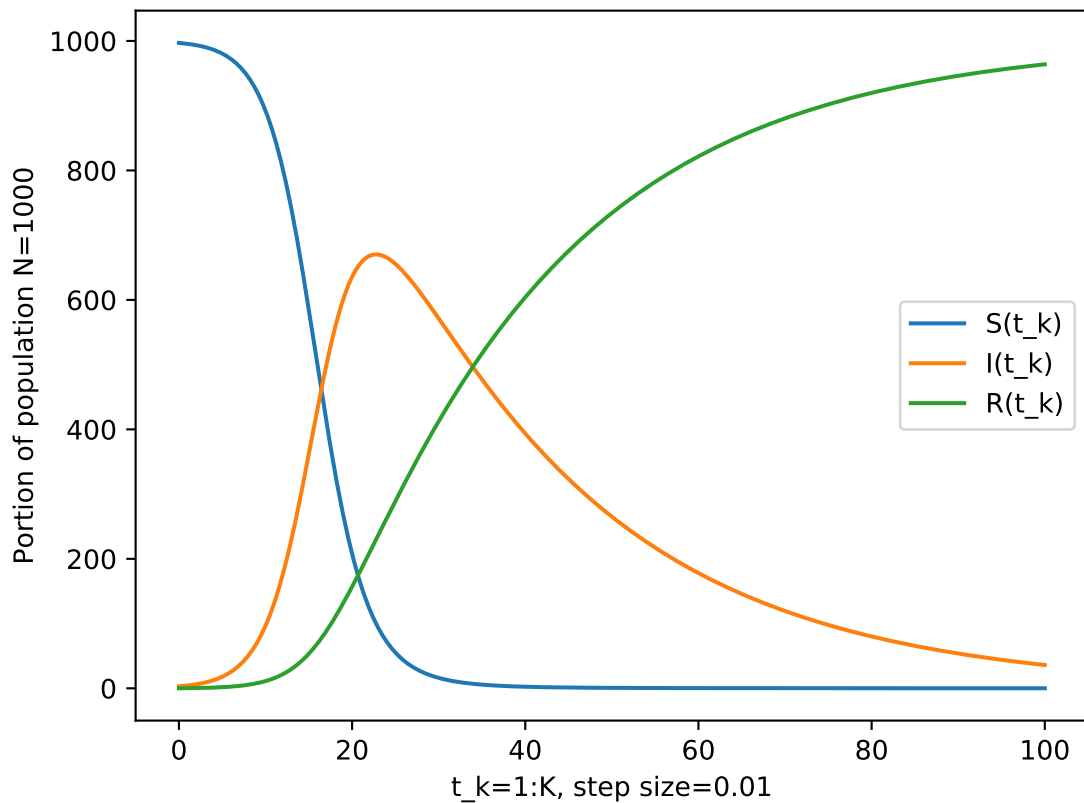
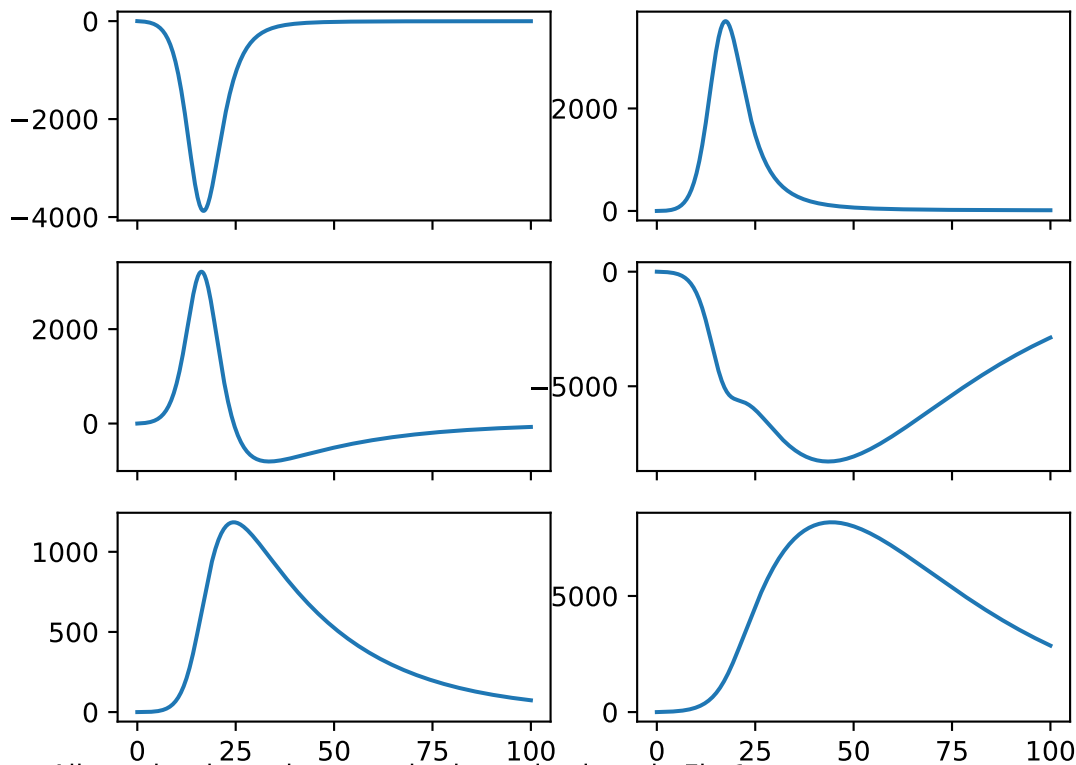


$X=X[S,I,R]$, $K=10000$
 $\text{Beta}=0.4$, $\text{Gamma}=0.04$



Sate X Sensitivites to Parameters Beta=0.4, Gamma=0.04



All graphs share the same horizontal axis as in Fig 1.

Legend: $[[dS/d\beta, dS/d\gamma], [dI/d\beta, dI/d\gamma], [dR/d\beta, dR/d\gamma]]$