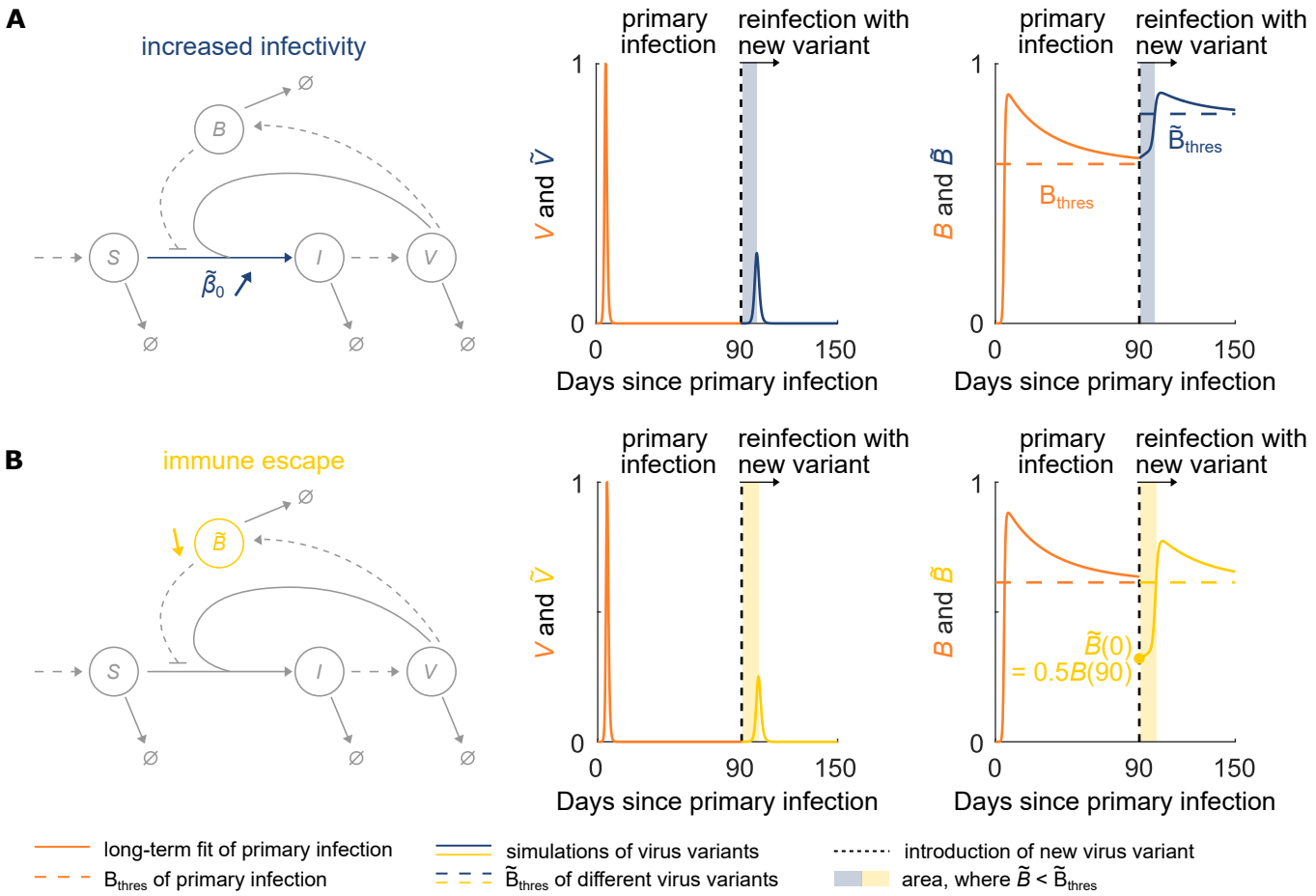
A
increased infectivity
B
S
I
V
$\tilde{\beta}_0$
primary infection
reinfection with new variant
V and $\tilde{V}$
B and $\tilde{B}$
B_{thres}
$\tilde{B}_{thres}$
Days since primary infection
B
immune escape
$\tilde{B}$
$\tilde{B}(0)$
$= 0.5B(90)$
long-term fit of primary infection
B_{thres} of primary infection
simulations of virus variants
$\tilde{B}_{thres}$ of different virus variants
introduction of new virus variant
area, where $\tilde{B} < \tilde{B}_{thres}$