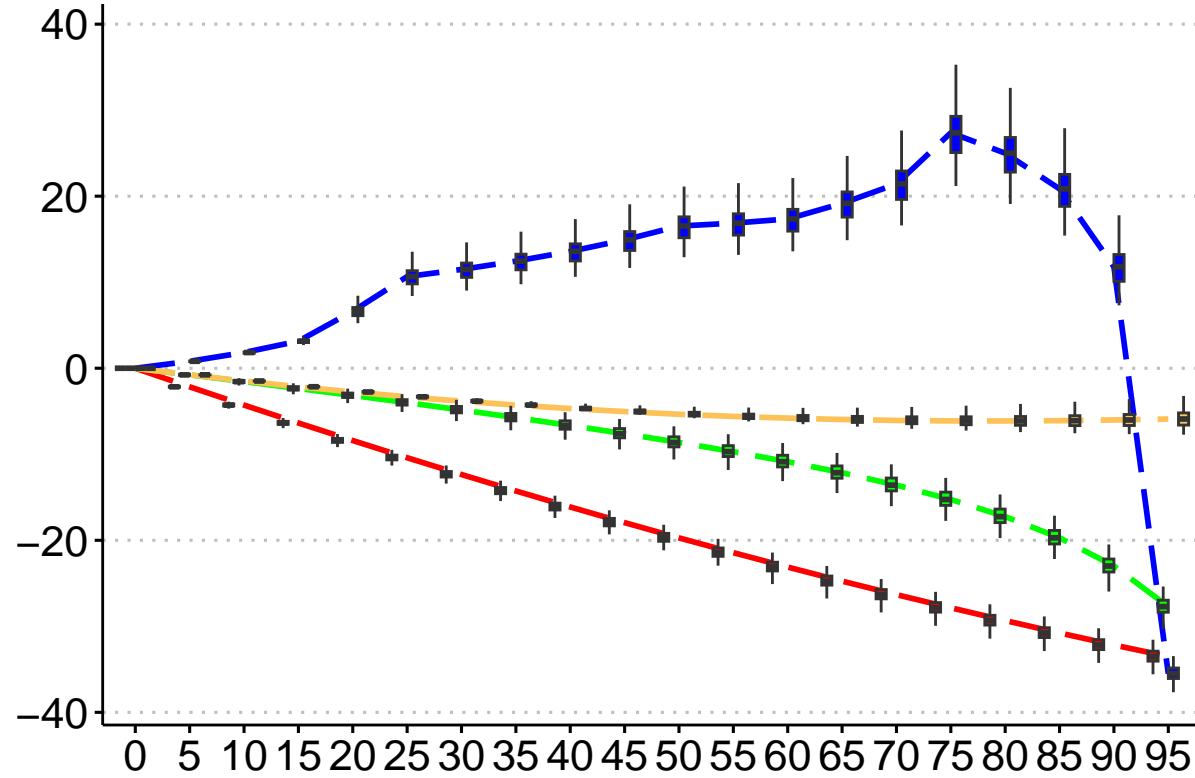
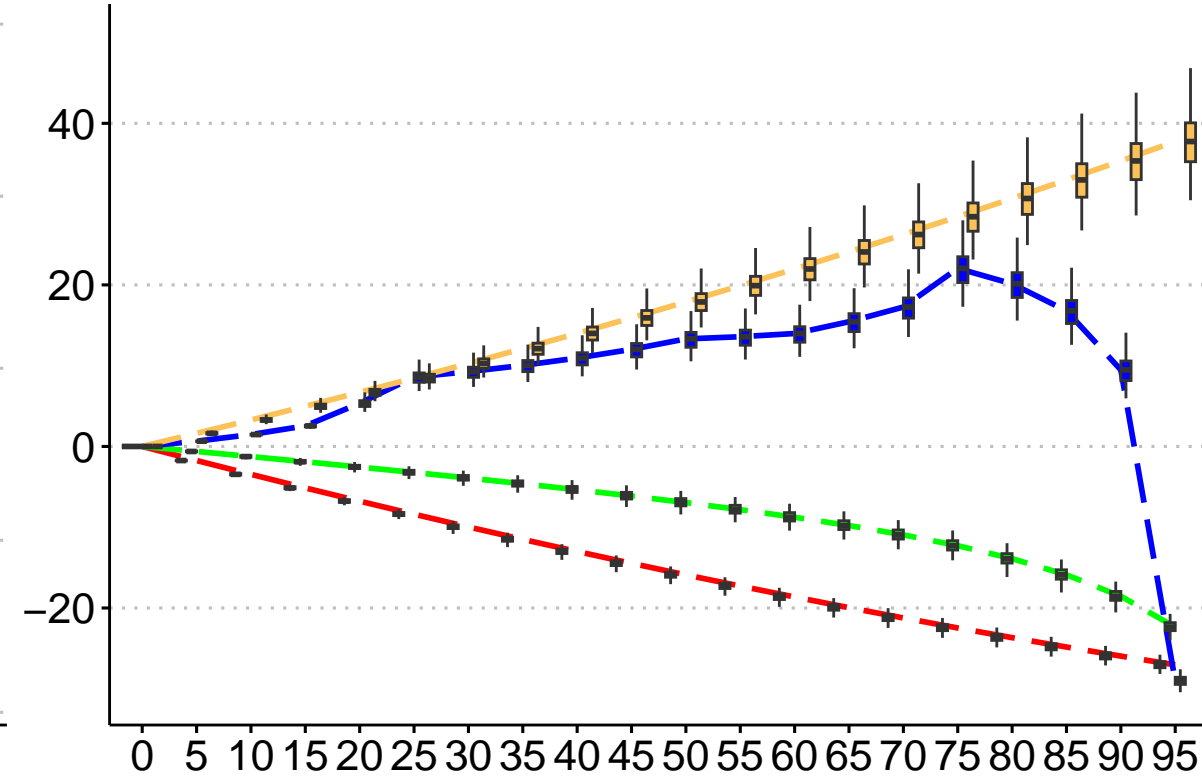


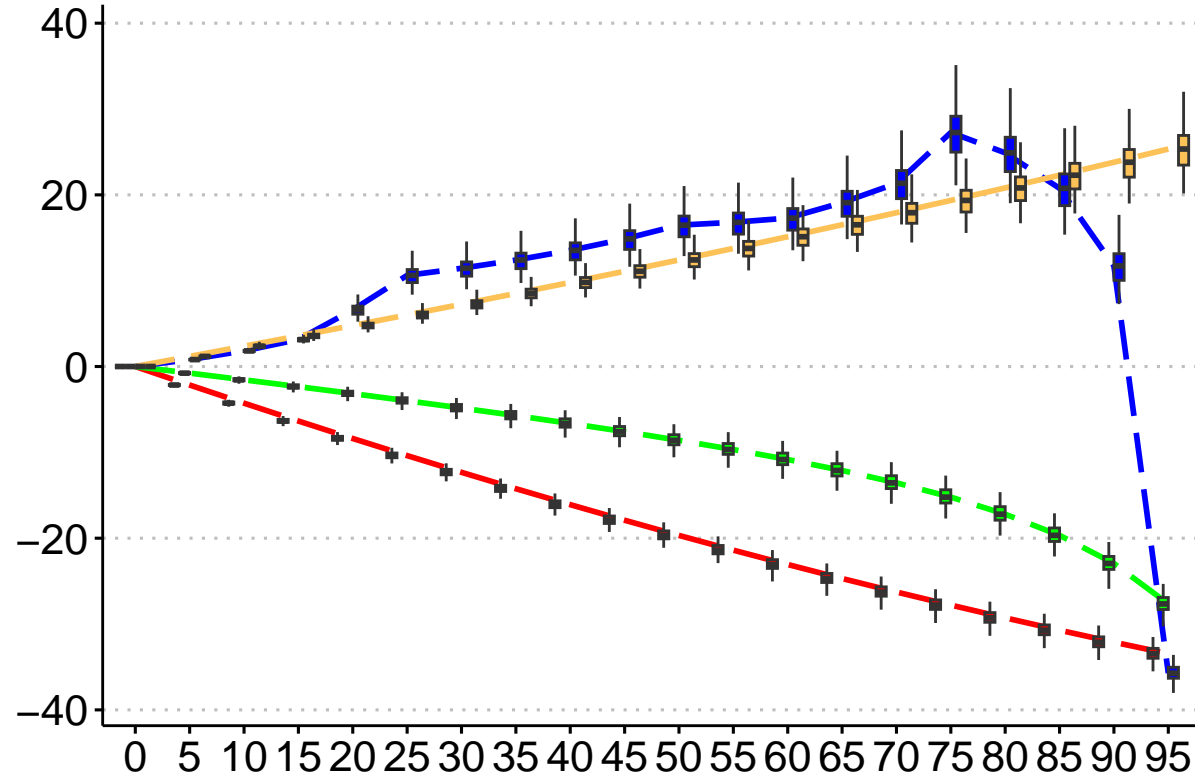
**Penicillin–non–susceptible
S. pneumoniae proportion**



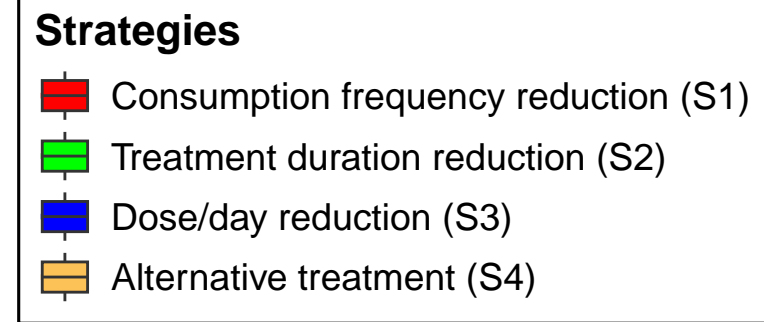
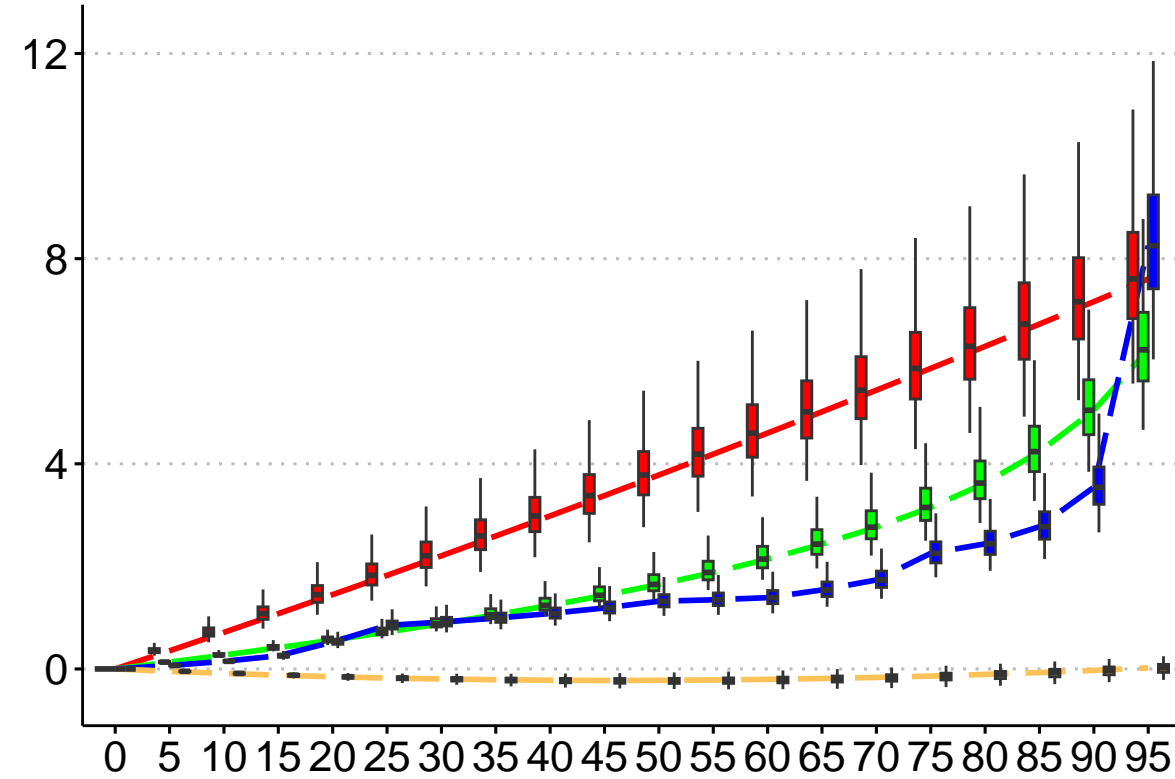
**Macrolide–resistant
S. pneumoniae proportion**



**Multidrug–resistant
S. pneumoniae proportion**



IPD incidence



Different level of shortage (%)