

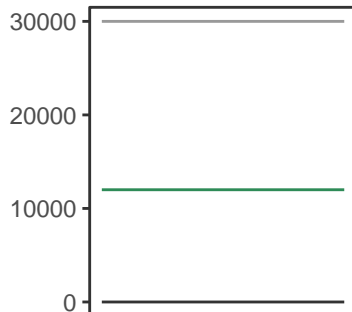
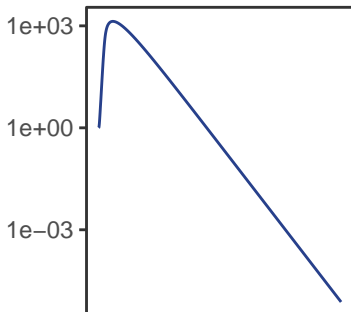
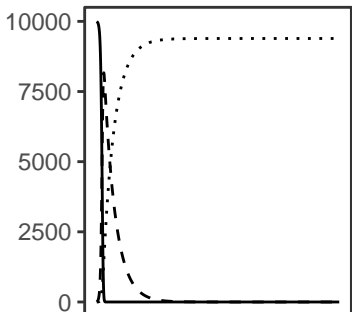
— S - - - I ····· R — V — P — X — Z_F — Z_V

human

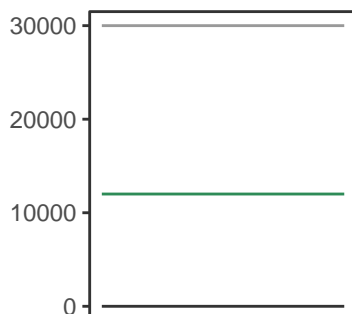
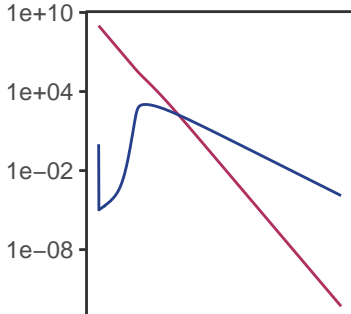
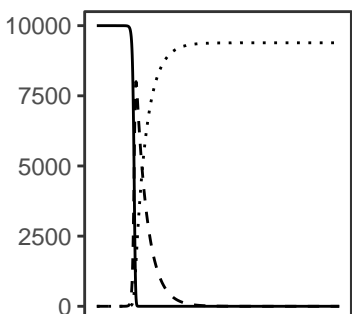
microbe

plankton

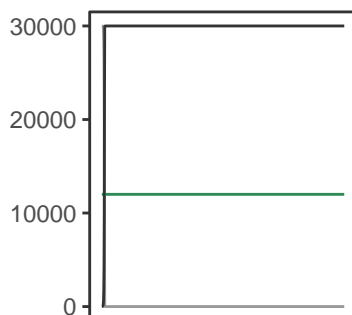
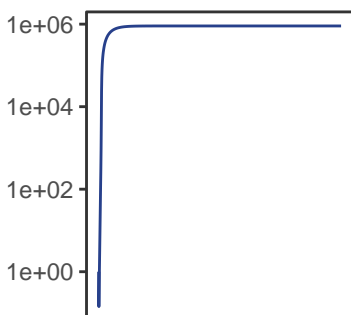
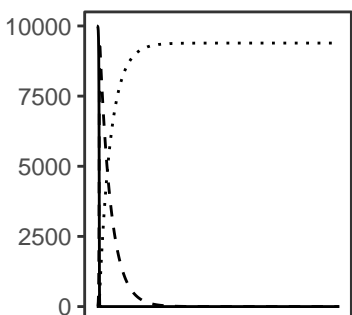
Scenario 1: SIRB



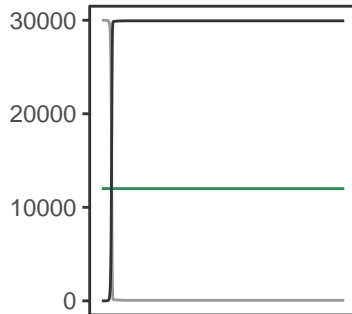
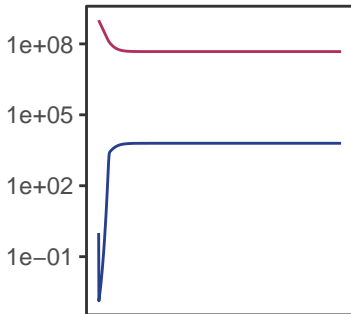
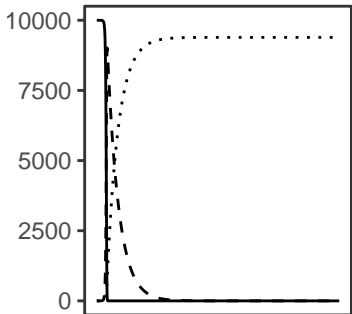
Scenario 2: Phage



Scenario 3: Plankton



Scenario 4: Full model



time