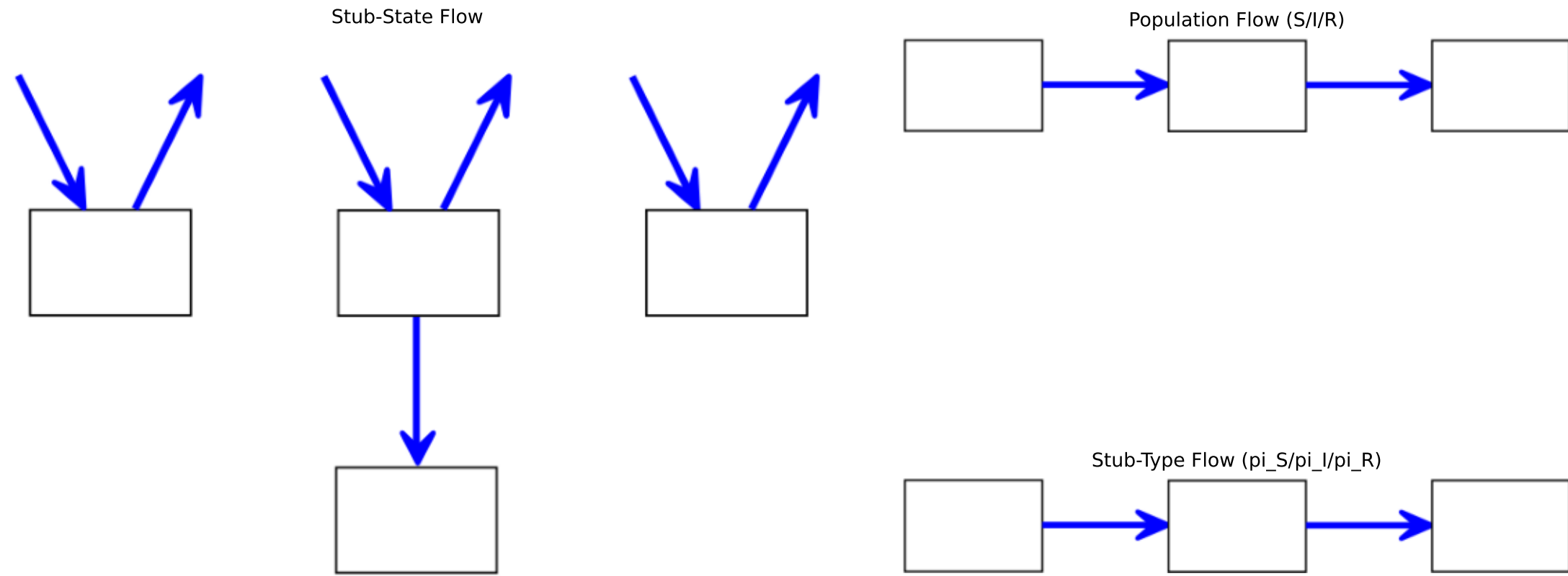


Figure 4 Reproduction (Flow Diagram Assembly)



ad\_MFSH notes:  
\\label{sec:ad\_MFSH} %For the Mean Field Social Heterogeneity (MFSH) model, the number of stubs  $k$  an individual has is assigned using the probability mass function  $P(k)$ . Consider a stub belonging to  $u$ . When calculating the probability it connects to a stub of an infected node, we ignore the history of the stub and simply look at the proportion of stubs that belong to infected nodes. We can think of this as