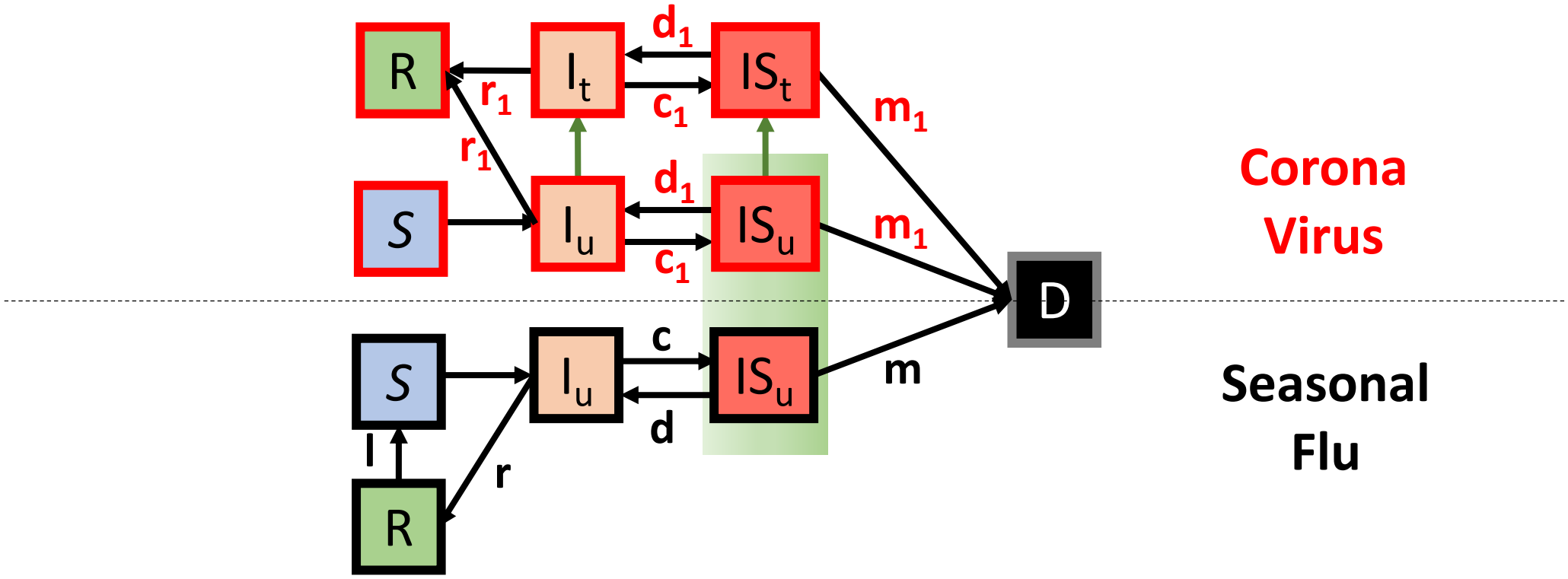
This package simulates COVID-19 and Seasonal Flu to understand how sampling influence the inference of R_0 using confirmed cases. Several mutable parameters regarding model structures:

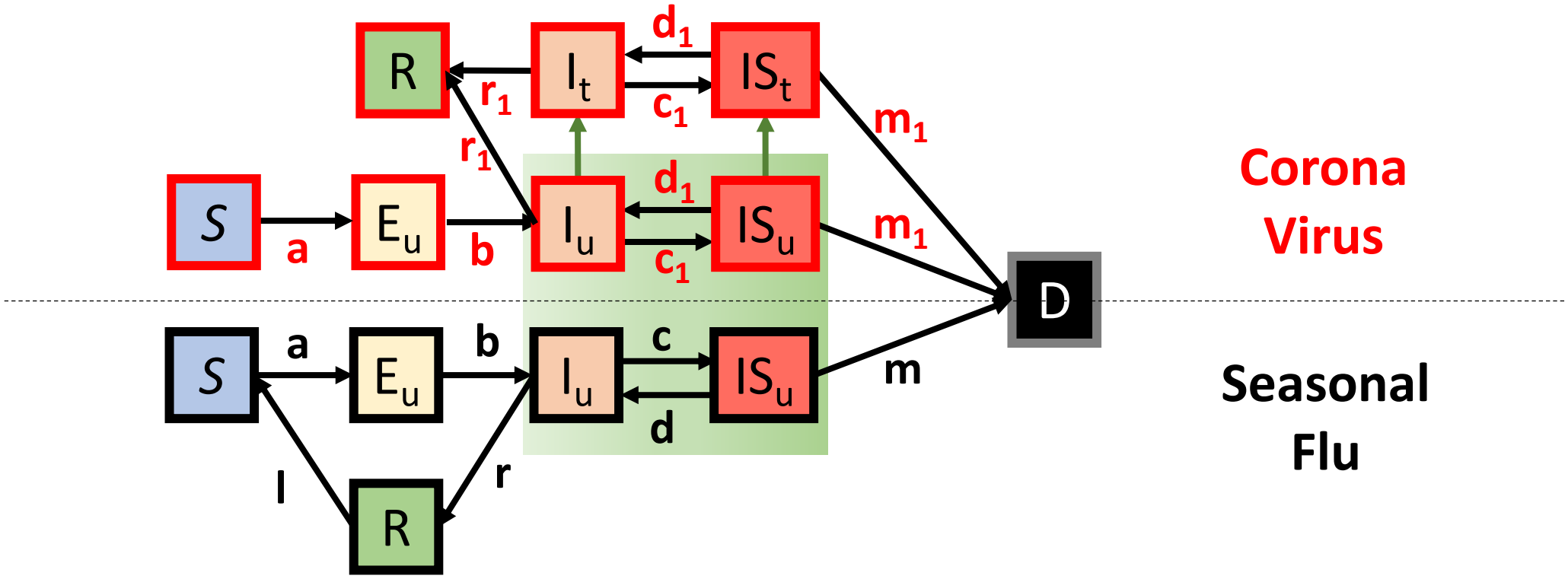
Parameter	Name	Values	Values
PM.Model	Model of disease	1. SIR	2. SEIR
PM.do_hos	Weather run hospitalization	1. Yes (& ND == 2 & do_test == 1)	0. No

Default simulation for South Korea uses the SEIR model.

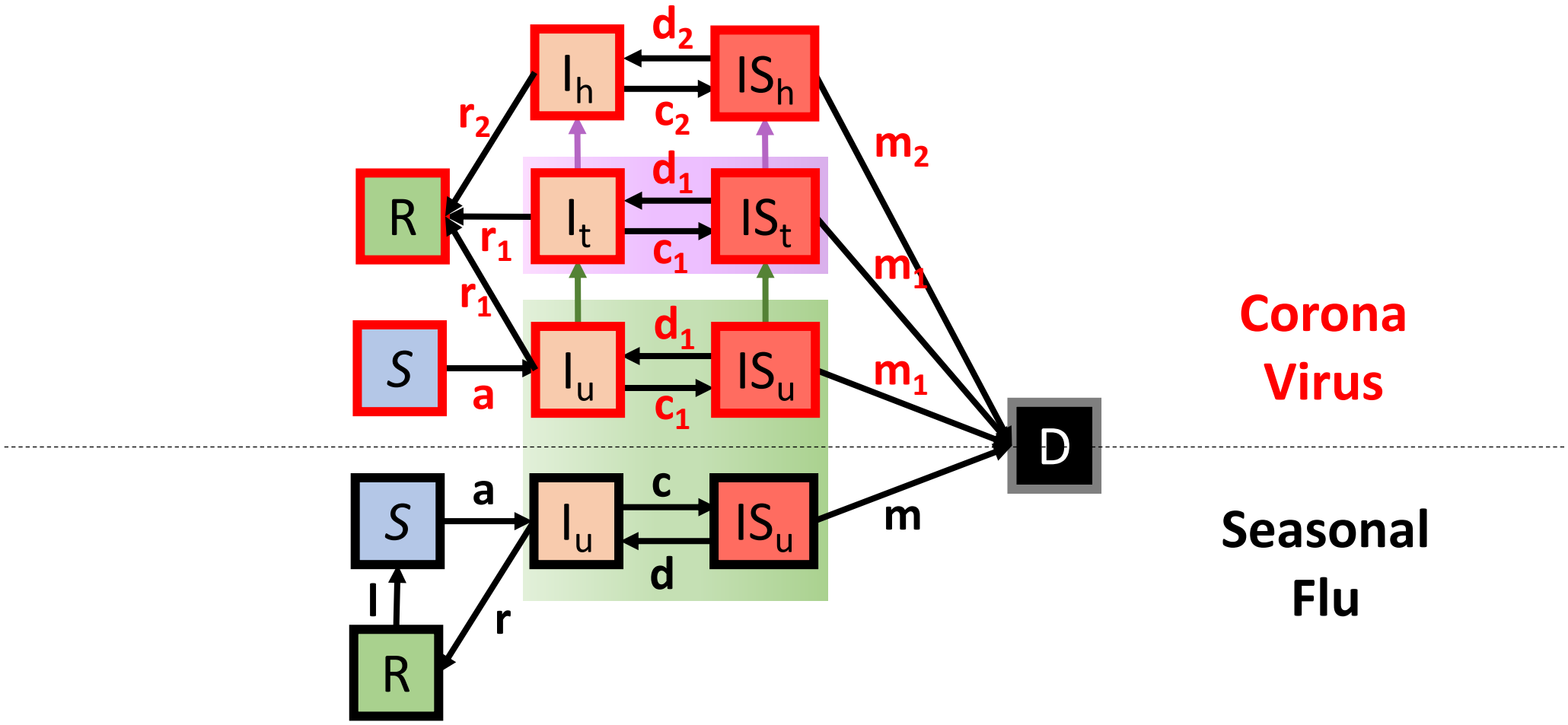
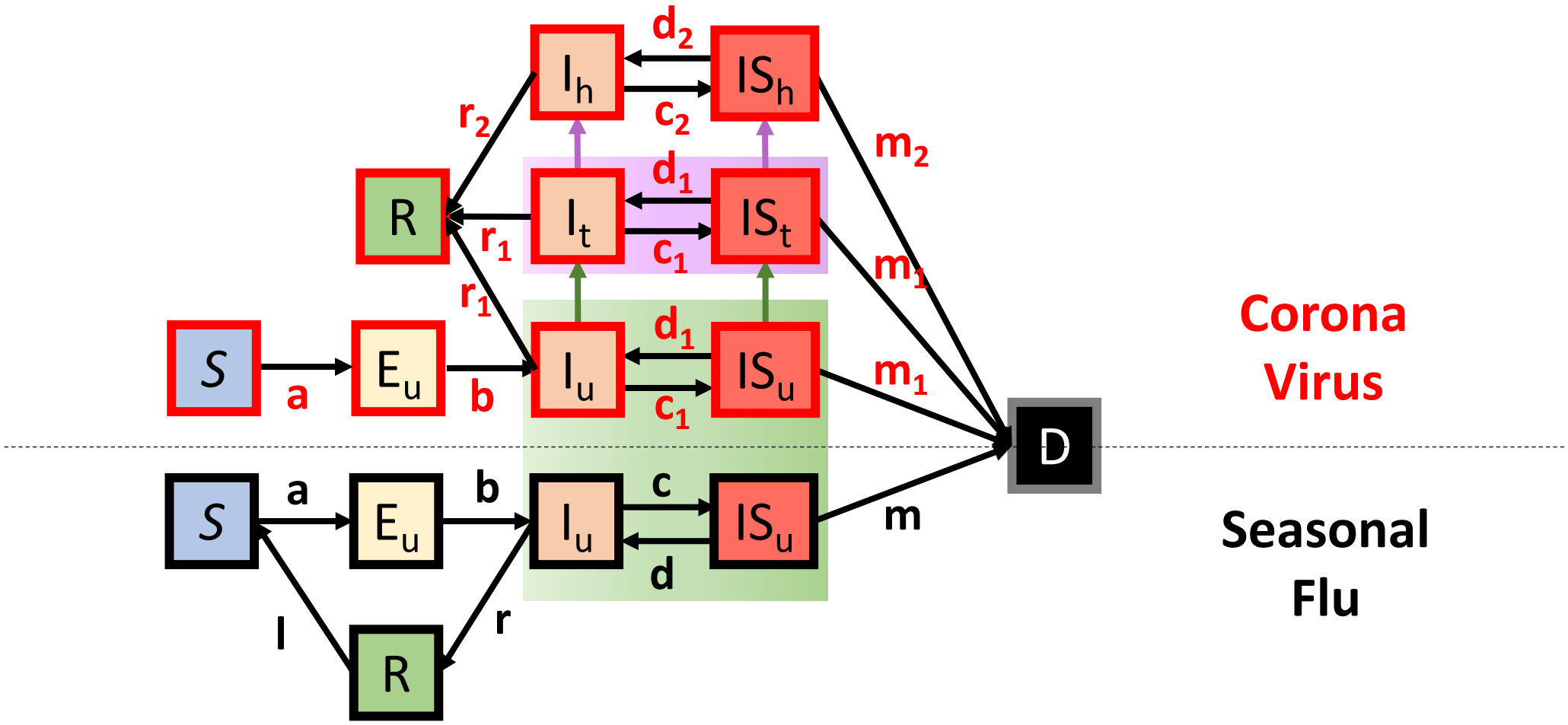
PM.Model = 1, PM.do_hos = 0



PM.Model = 2, PM.do_hos = 0



PM.Model = 1, PM.do_hos = 1



PM.Model = 2, PM.do_hos = 1