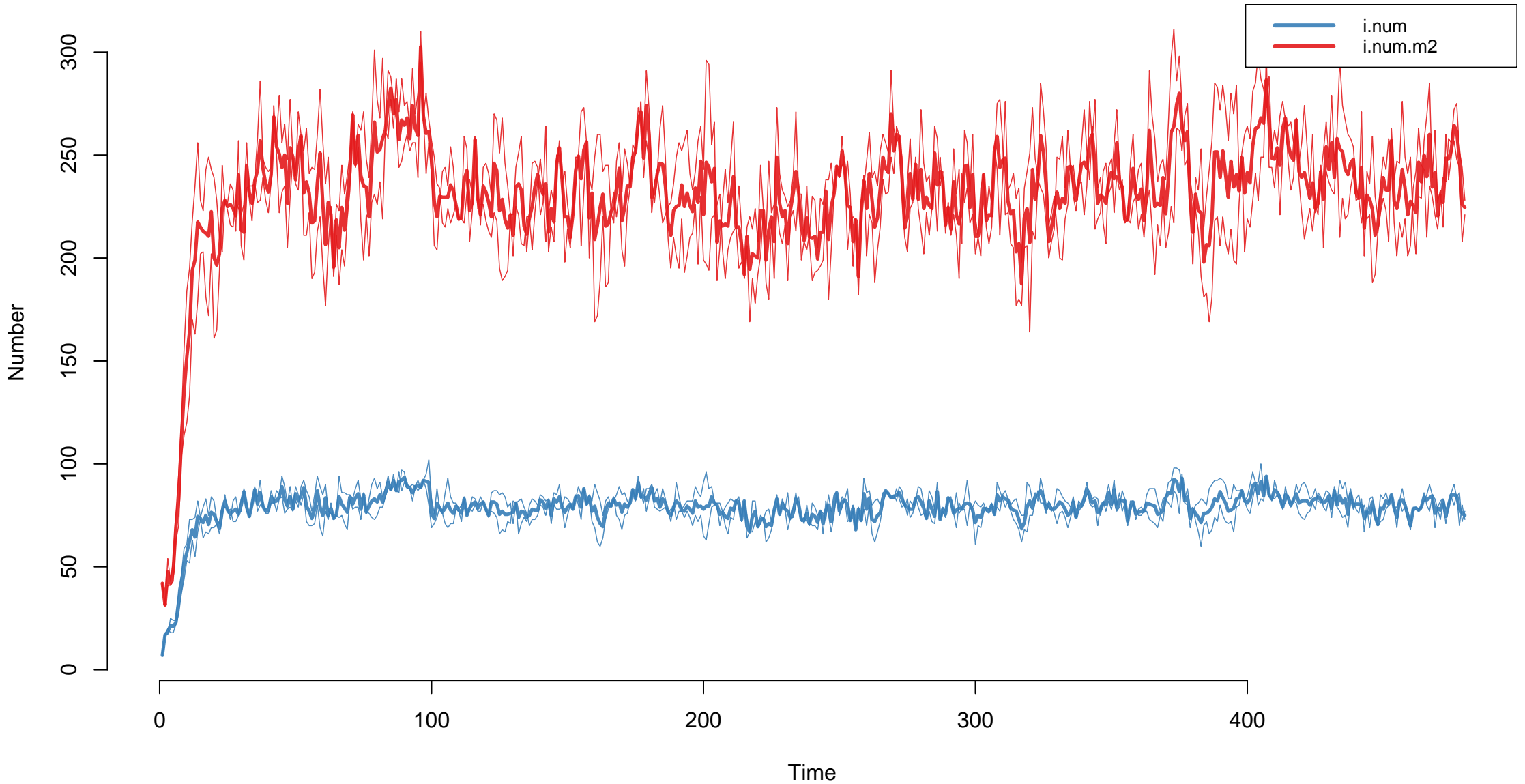**sizes of I state – scenario 1 :   0 %**
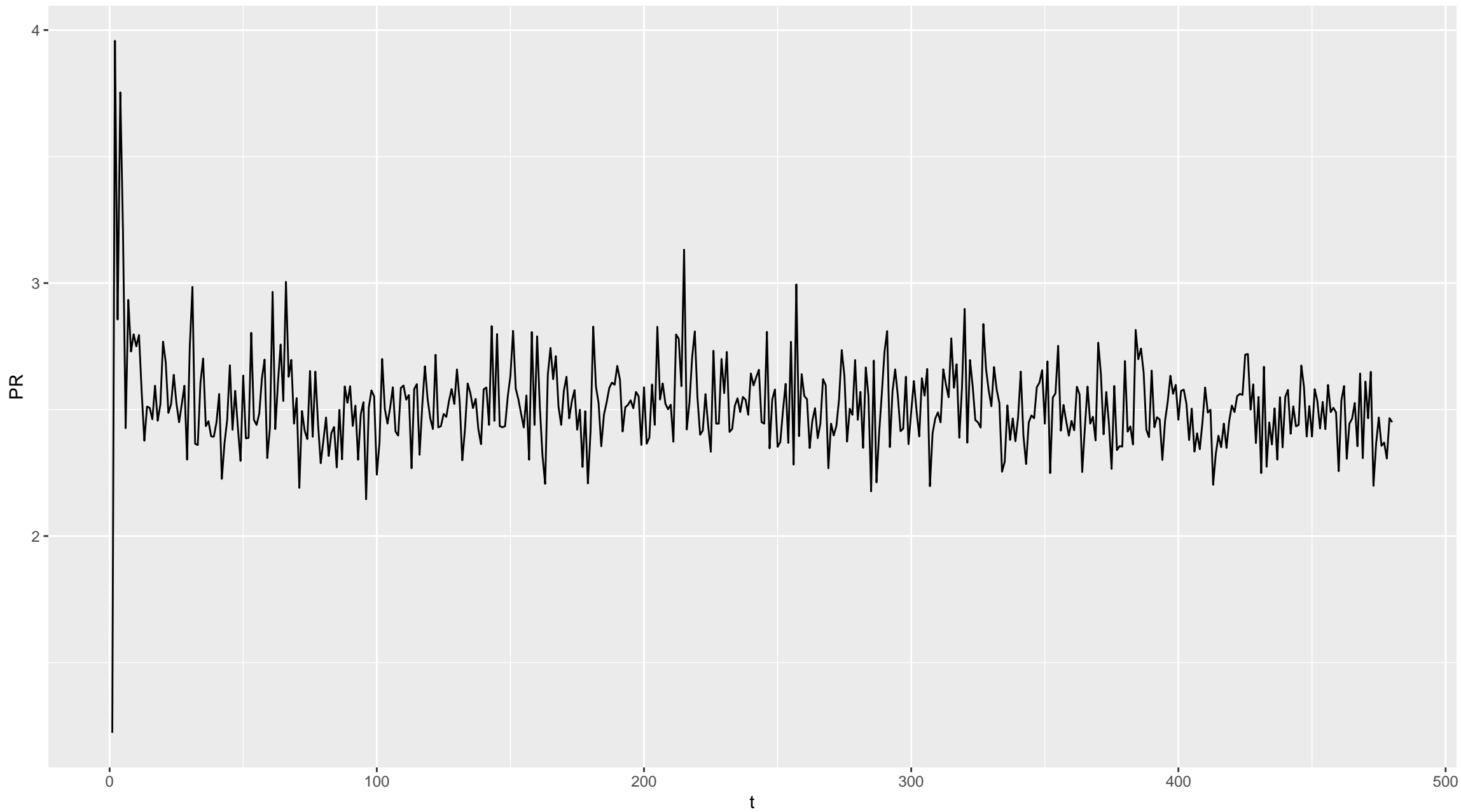
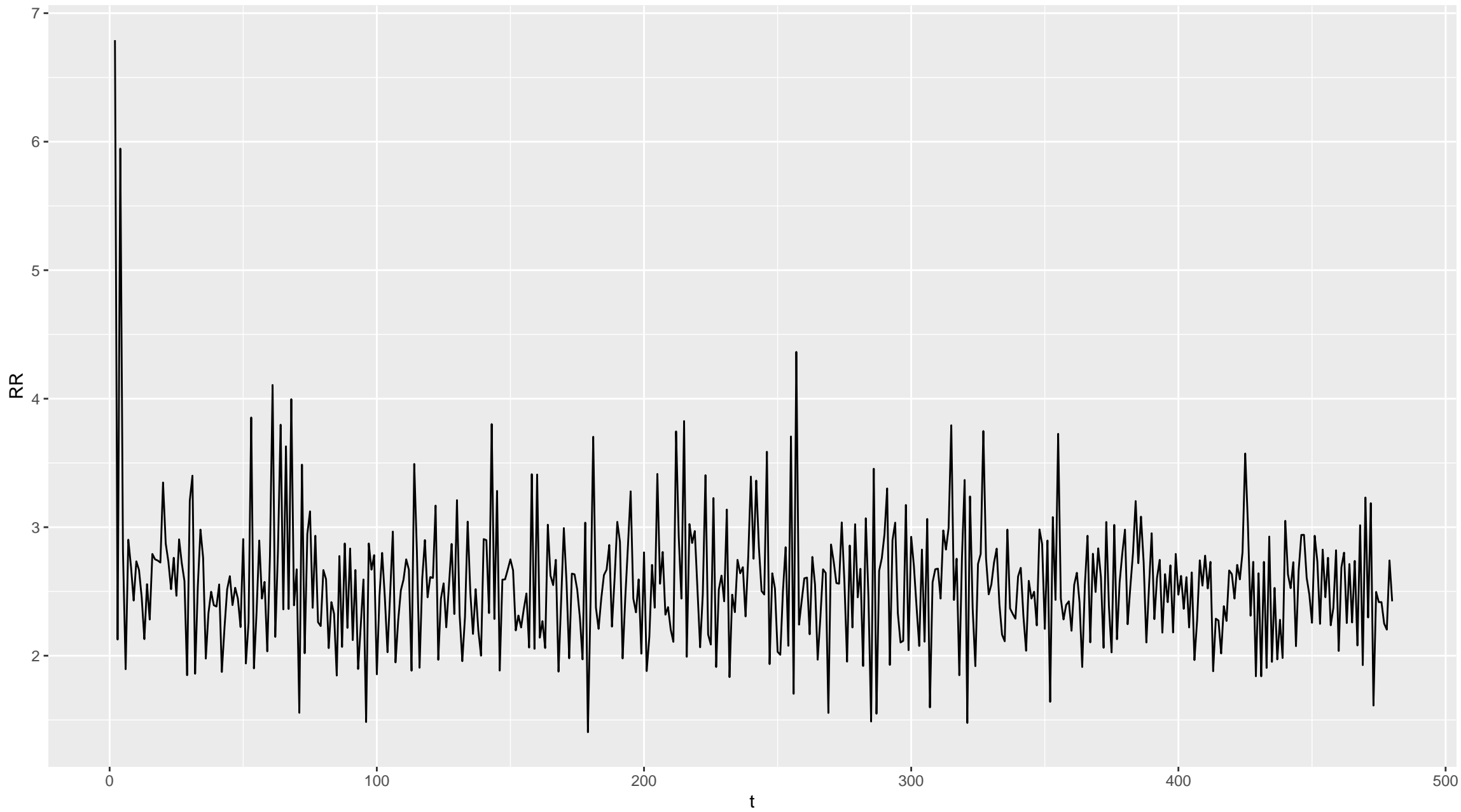prevalence for sub–populations – scenario 1 : 0 %

incidence for sub–populations – scenario 1 :   0 %

relative prevalence ses1 to ses0 – scenario 1 :   0 %

relative risk ses1 to ses0 – scenario 1 :   0 %

sizes of I state – scenario 2 : 10 %

prevalence for sub–populations – scenario 2 : 10 %

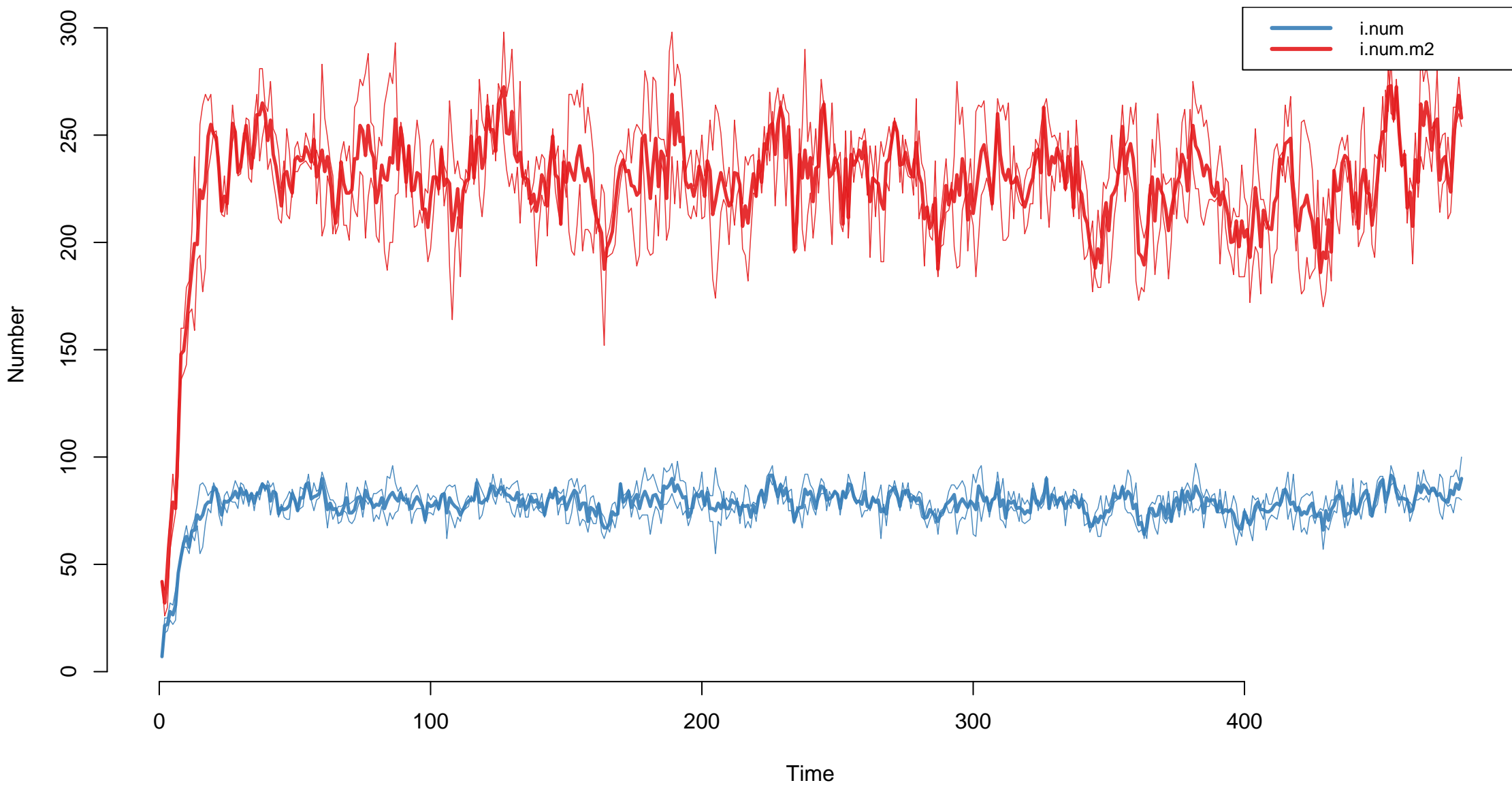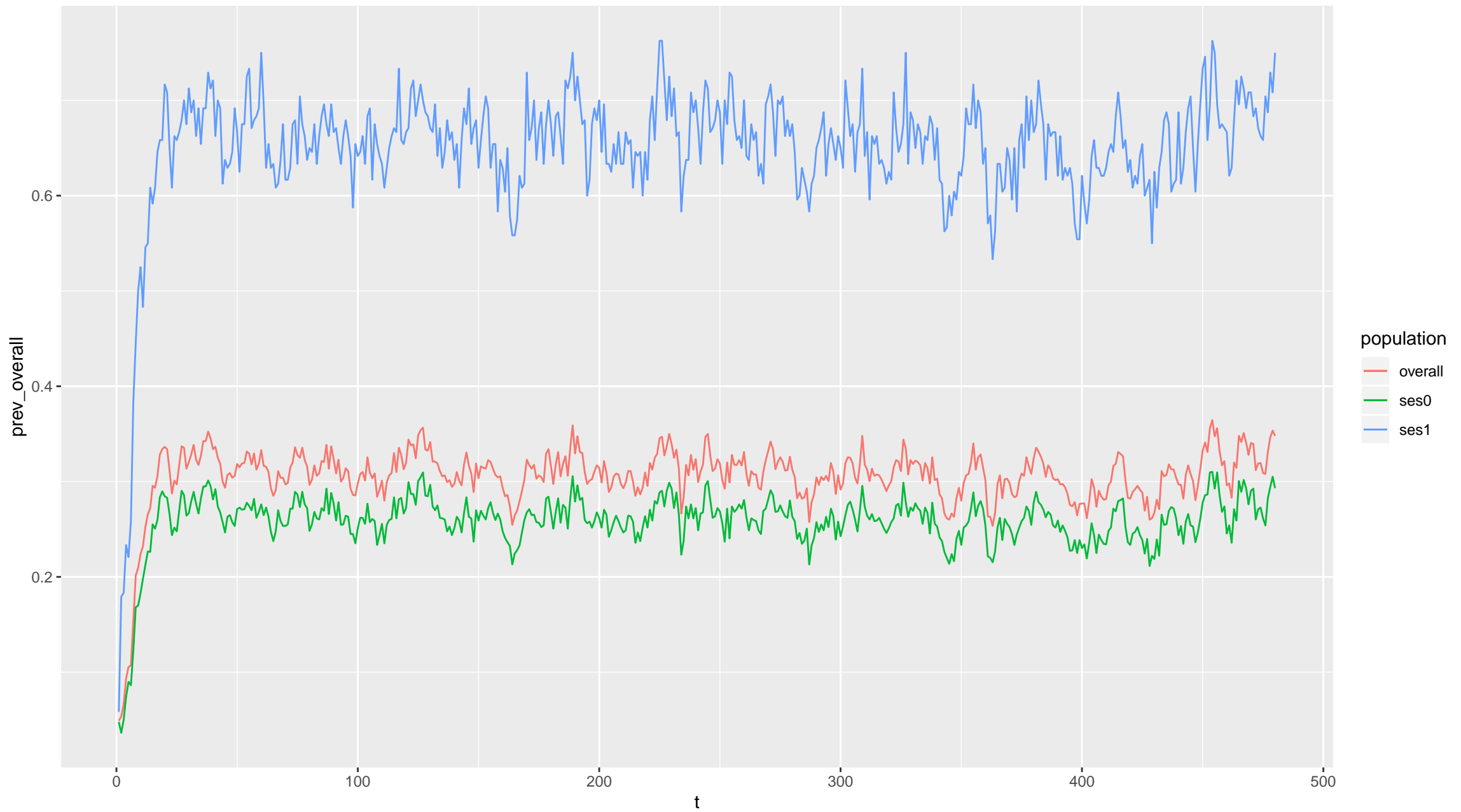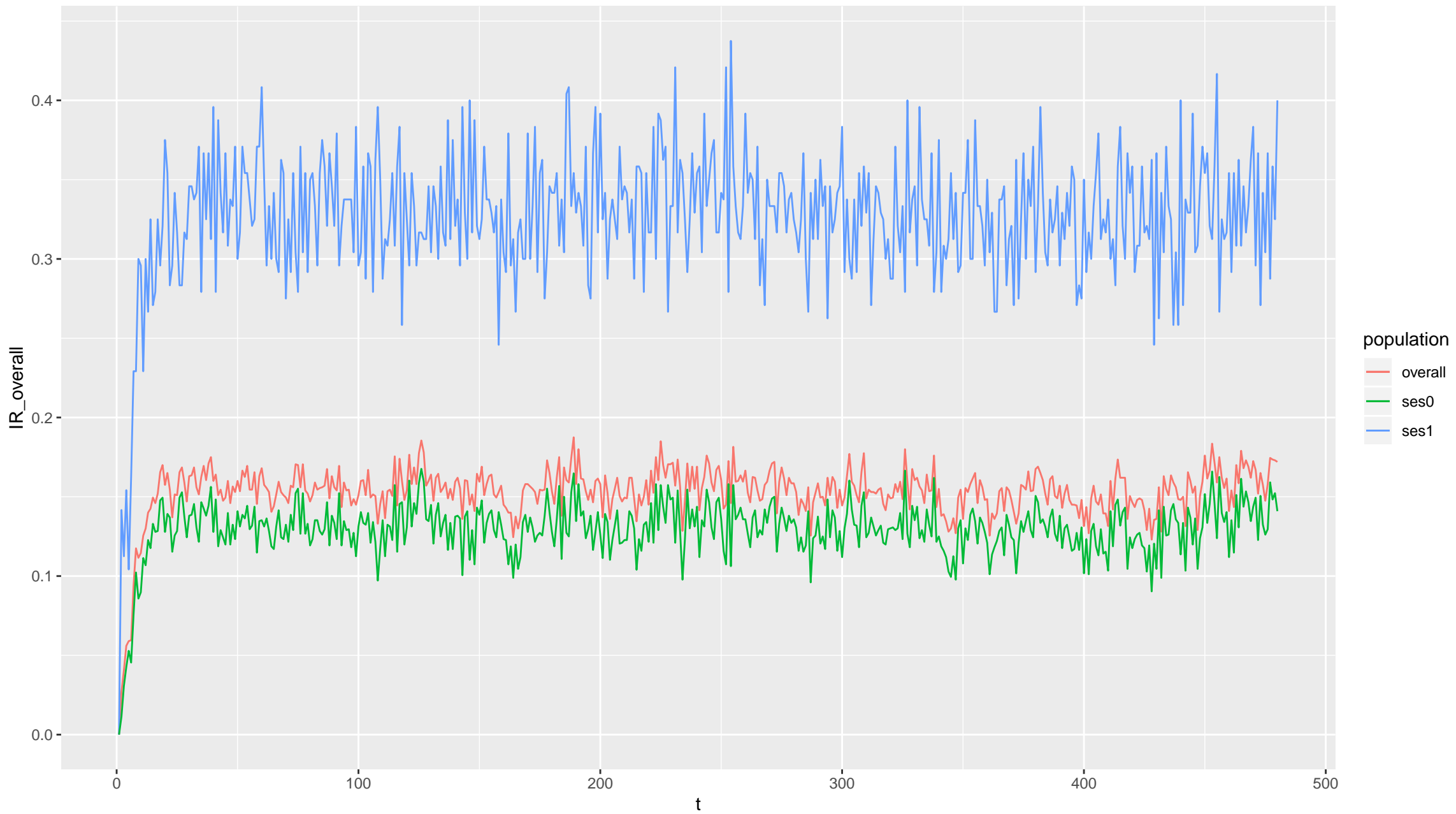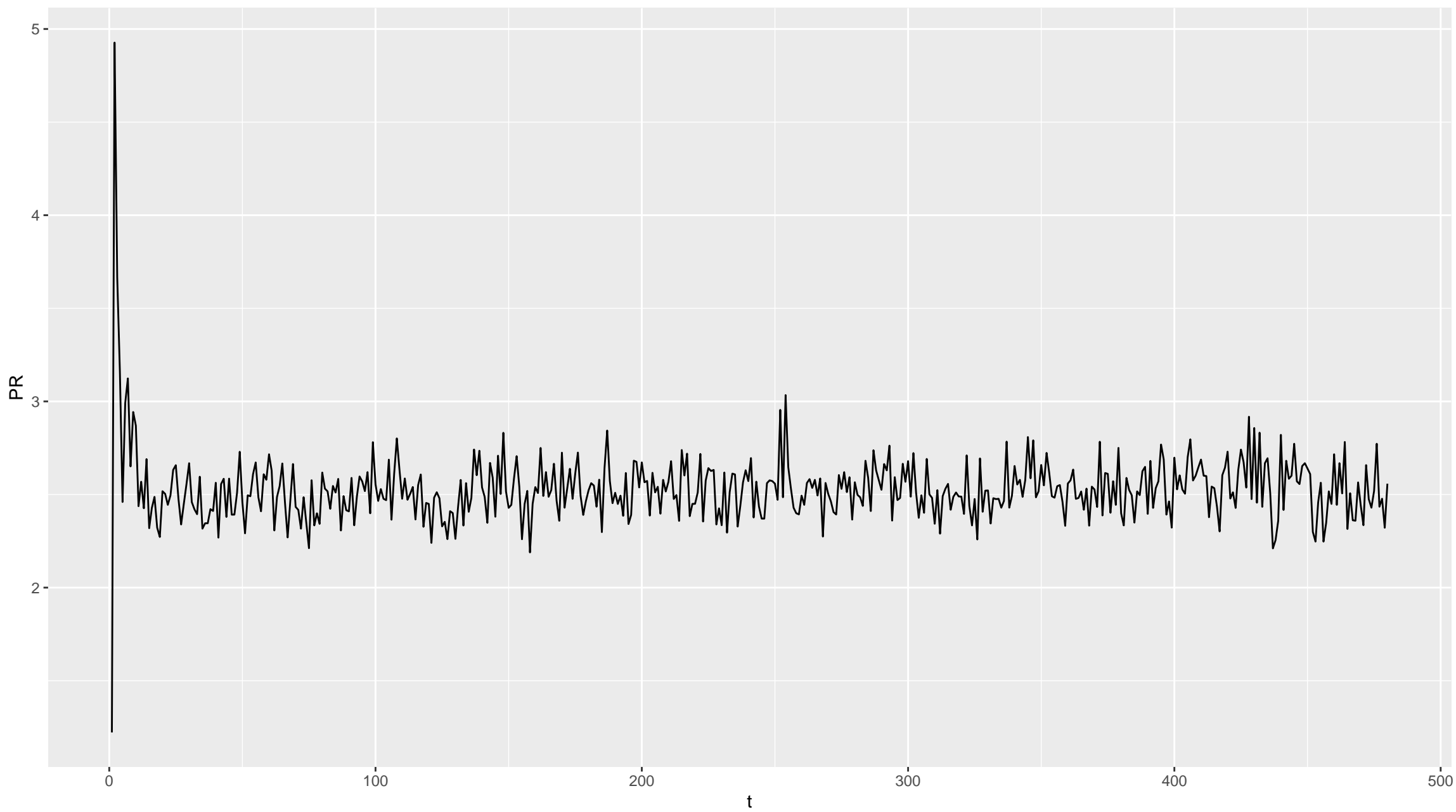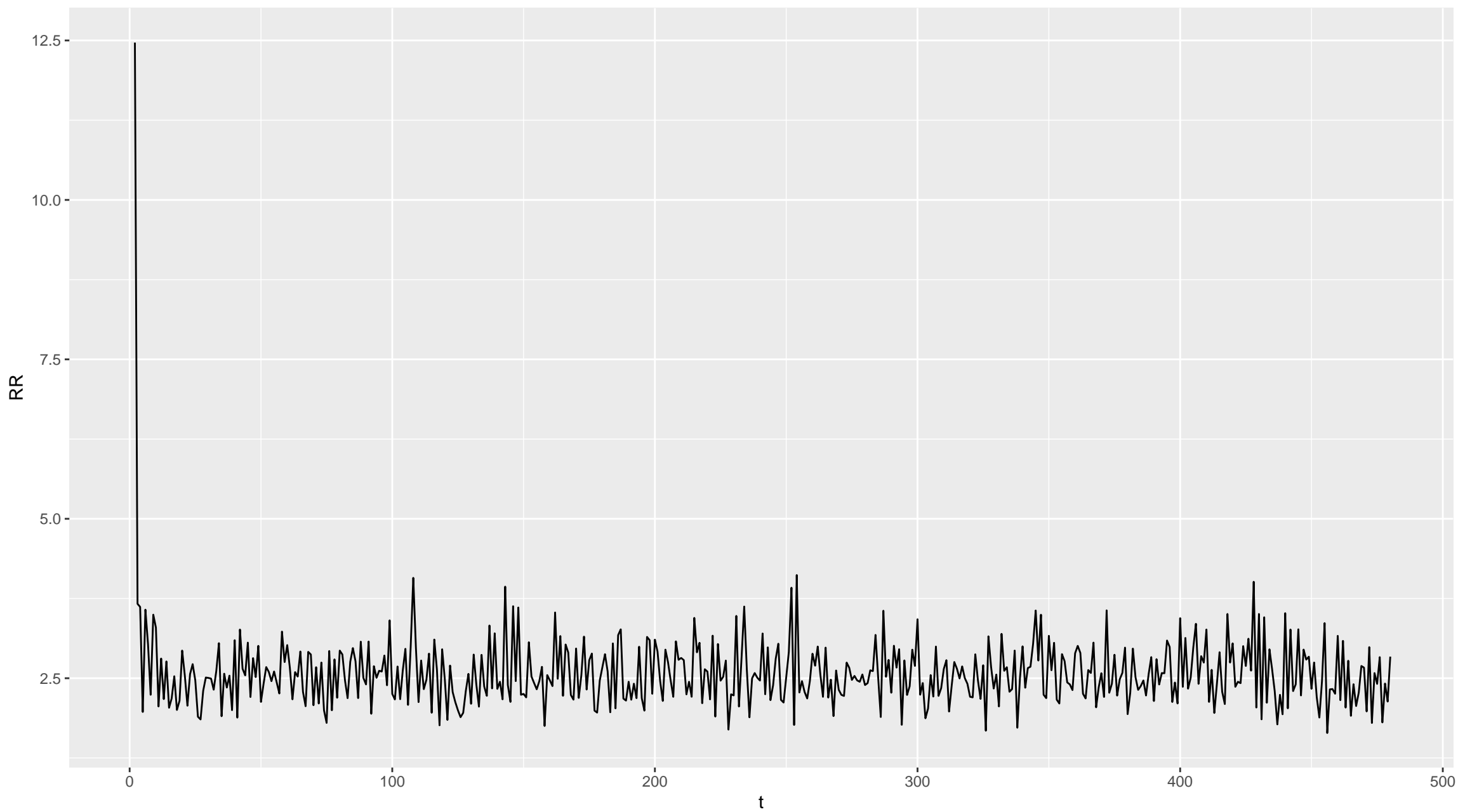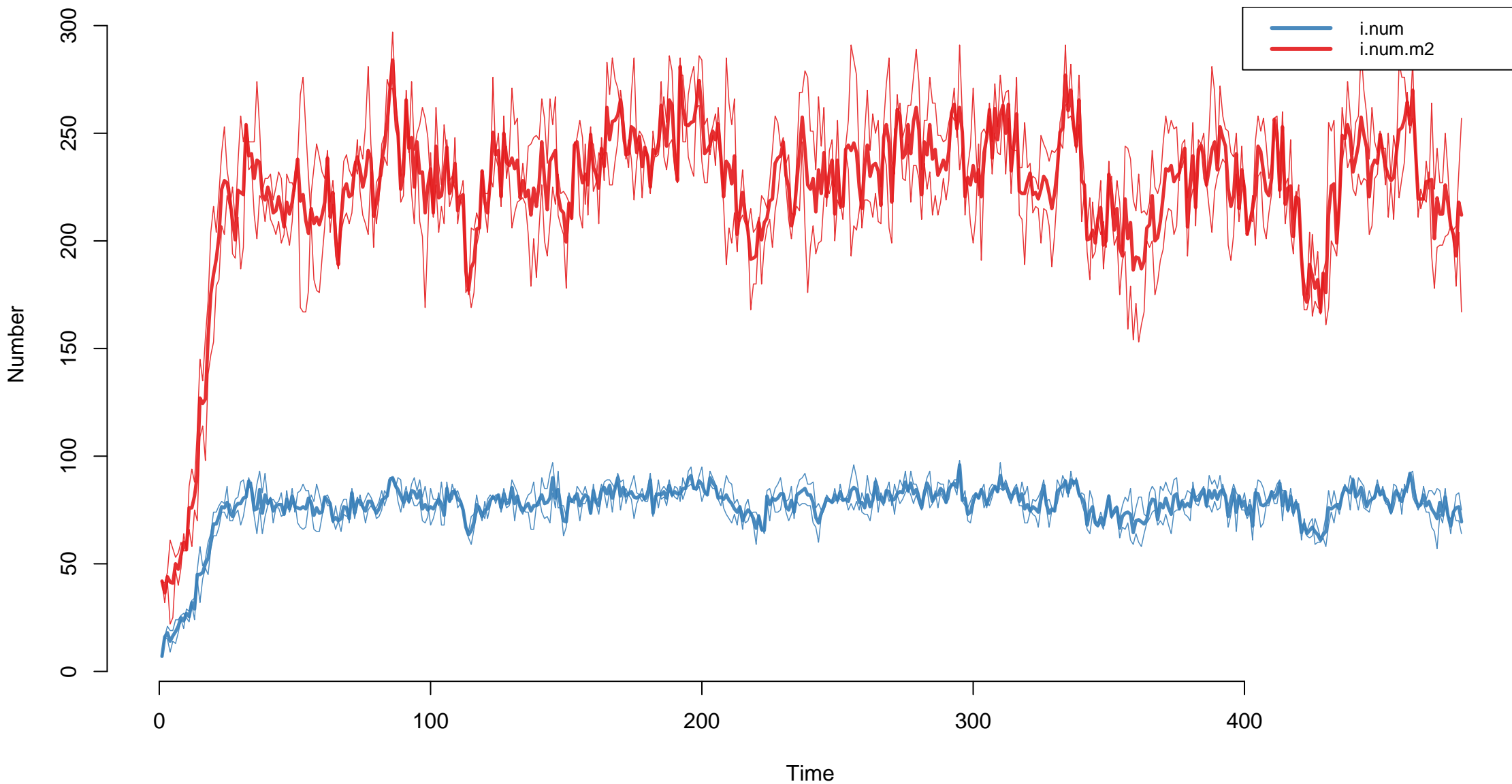incidence for sub–populations – scenario 2 : 10 %

relative prevalence ses1 to ses0 – scenario 2 : 10 %

relative risk ses1 to ses0 – scenario 2 : 10 %

sizes of I state – scenario 3 : 25 %

prevalence for sub–populations – scenario 3 : 25 %

incidence for sub–populations – scenario 3 : 25 %

relative prevalence ses1 to ses0 – scenario 3 : 25 %

relative risk ses1 to ses0 – scenario 3 : 25 %

sizes of I state – scenario 4 : 50 %

prevalence for sub−populations − scenario 4 : 50 %

incidence for sub–populations – scenario 4 : 50 %

relative prevalence ses1 to ses0 – scenario 4 : 50 %

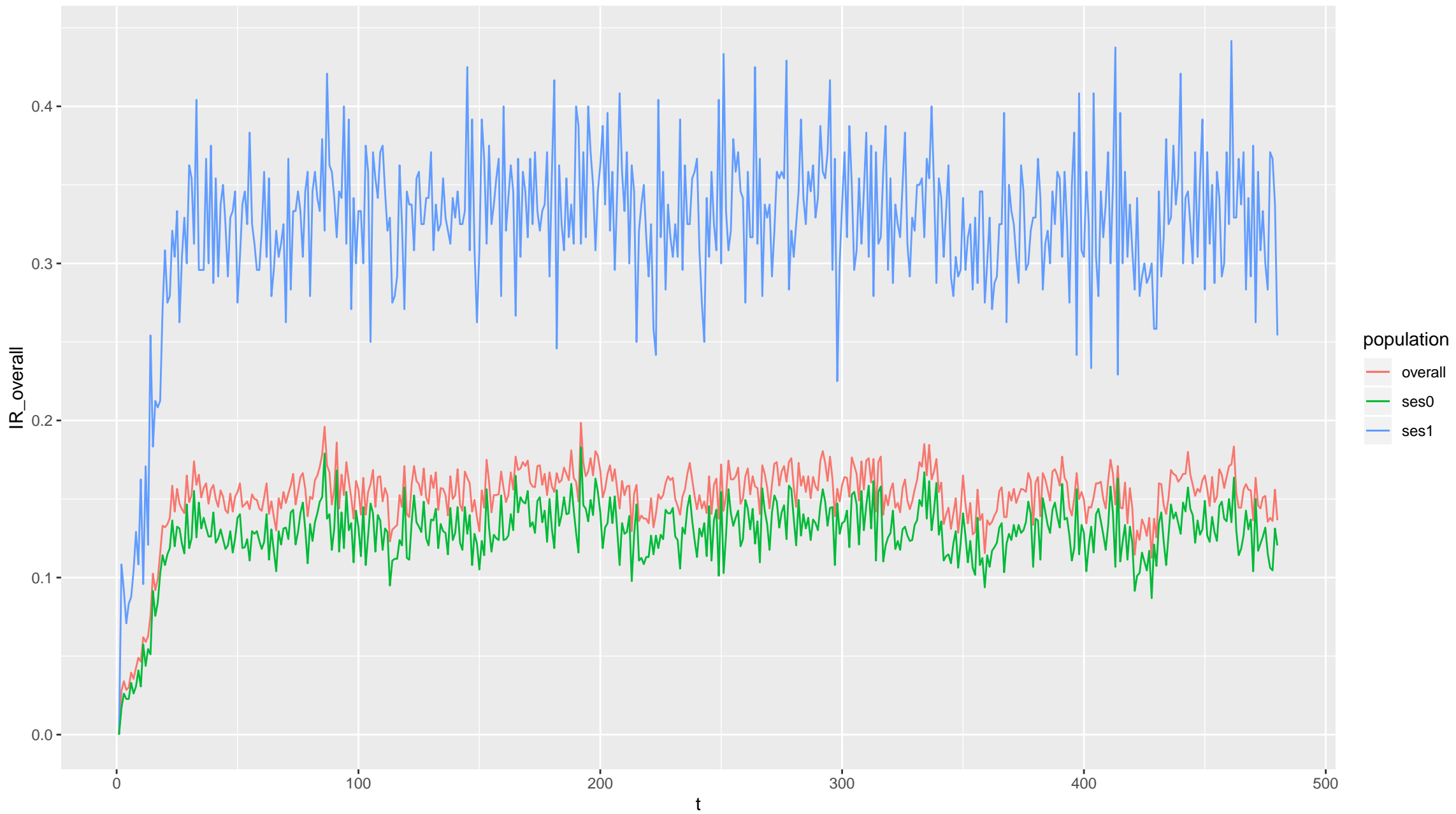relative risk ses1 to ses0 – scenario 4 : 50 %

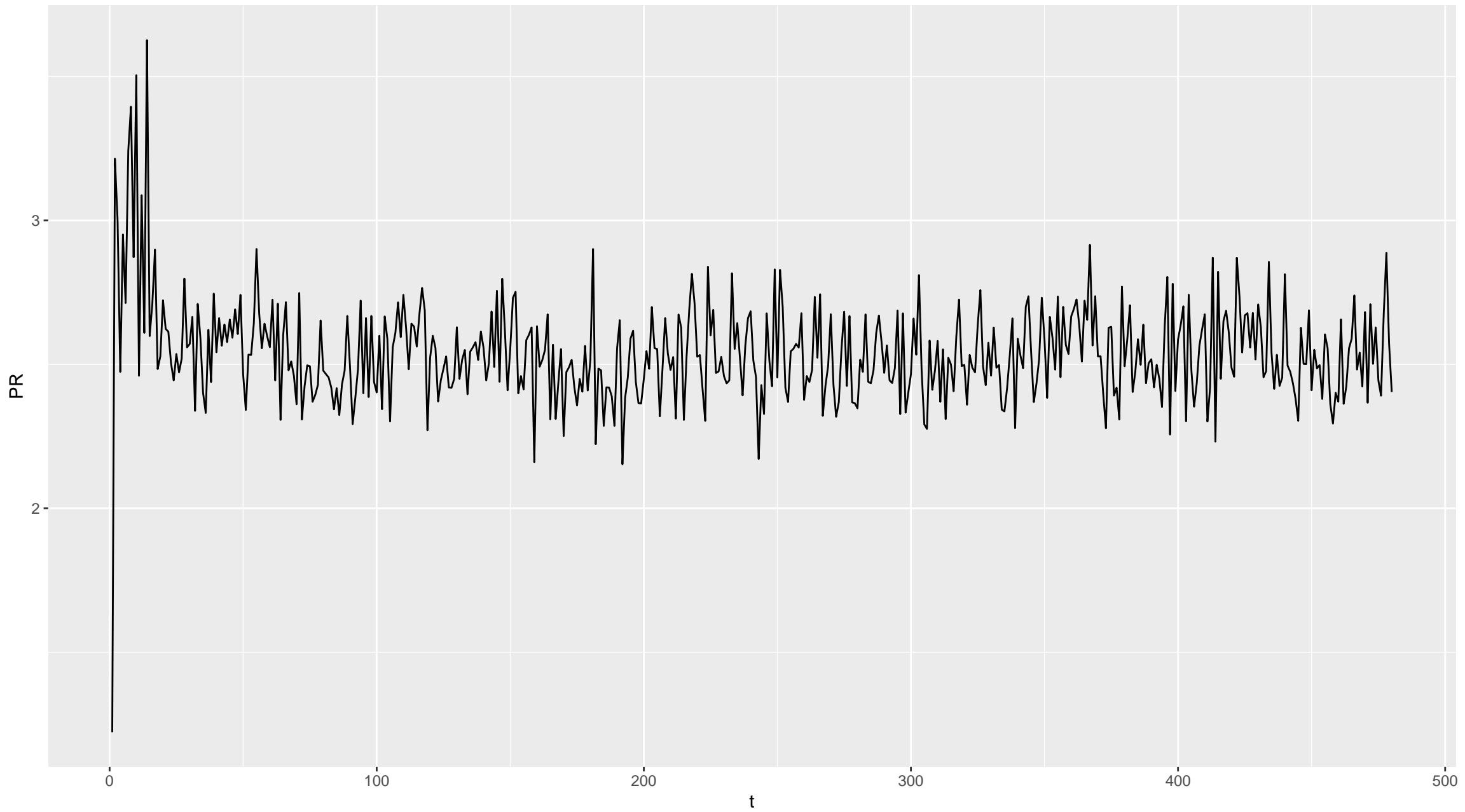**sizes of I state – scenario 5 : 75 %**

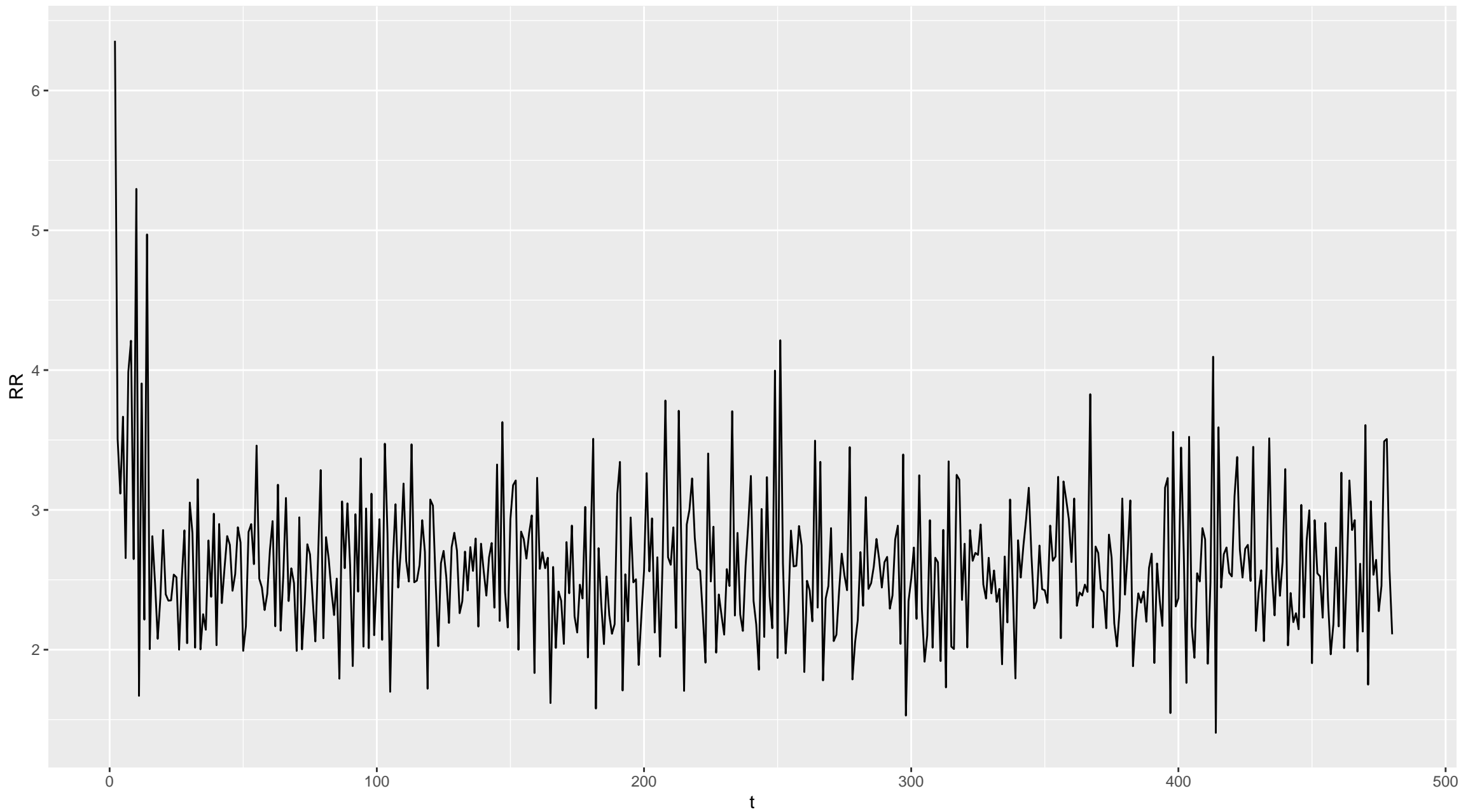prevalence for sub–populations – scenario 5 : 75 %

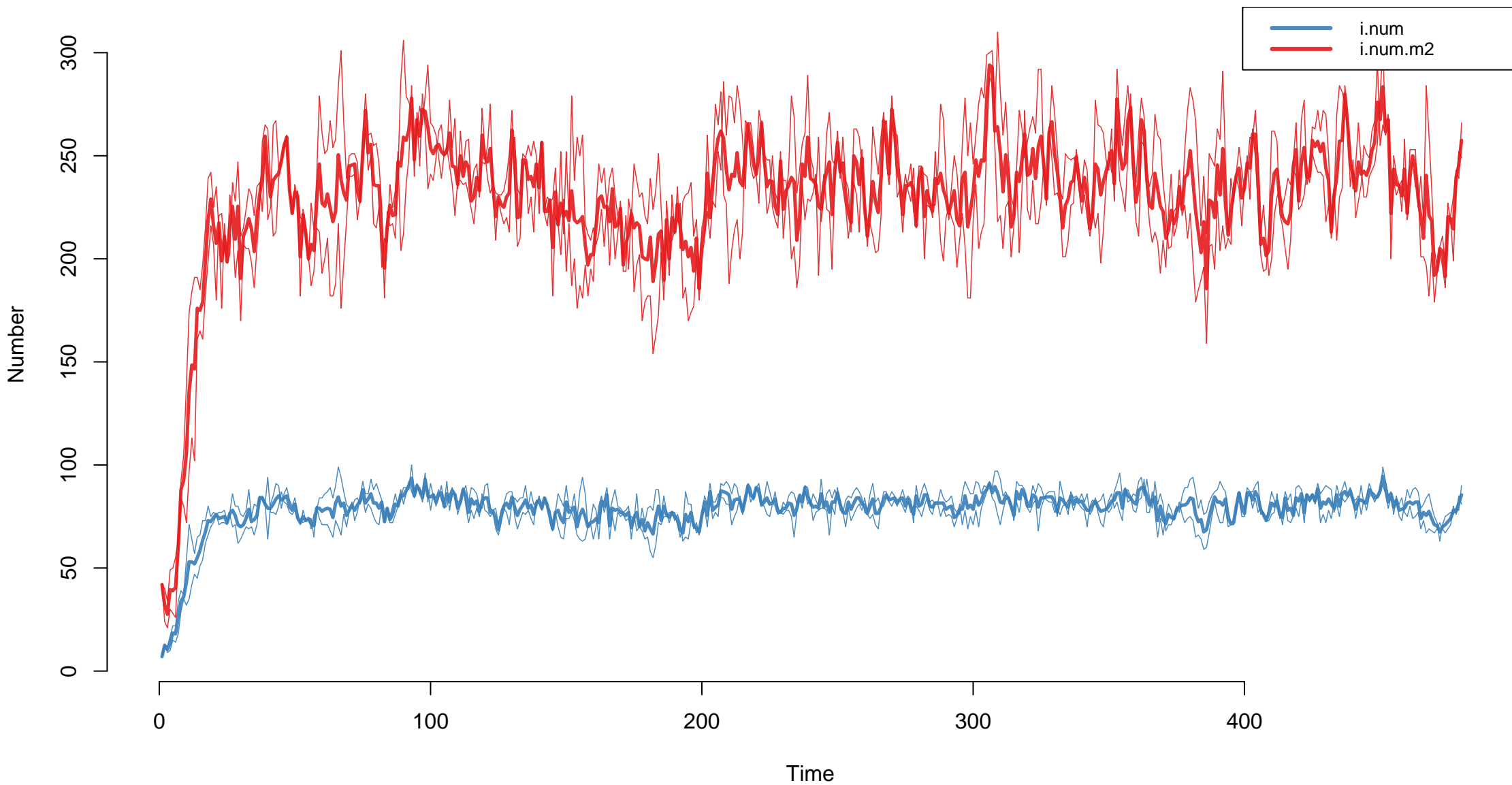incidence for sub-populations – scenario 5 : 75 %

relative prevalence ses1 to ses0 – scenario 5 : 75 %

relative risk ses1 to ses0 – scenario 5 : 75 %
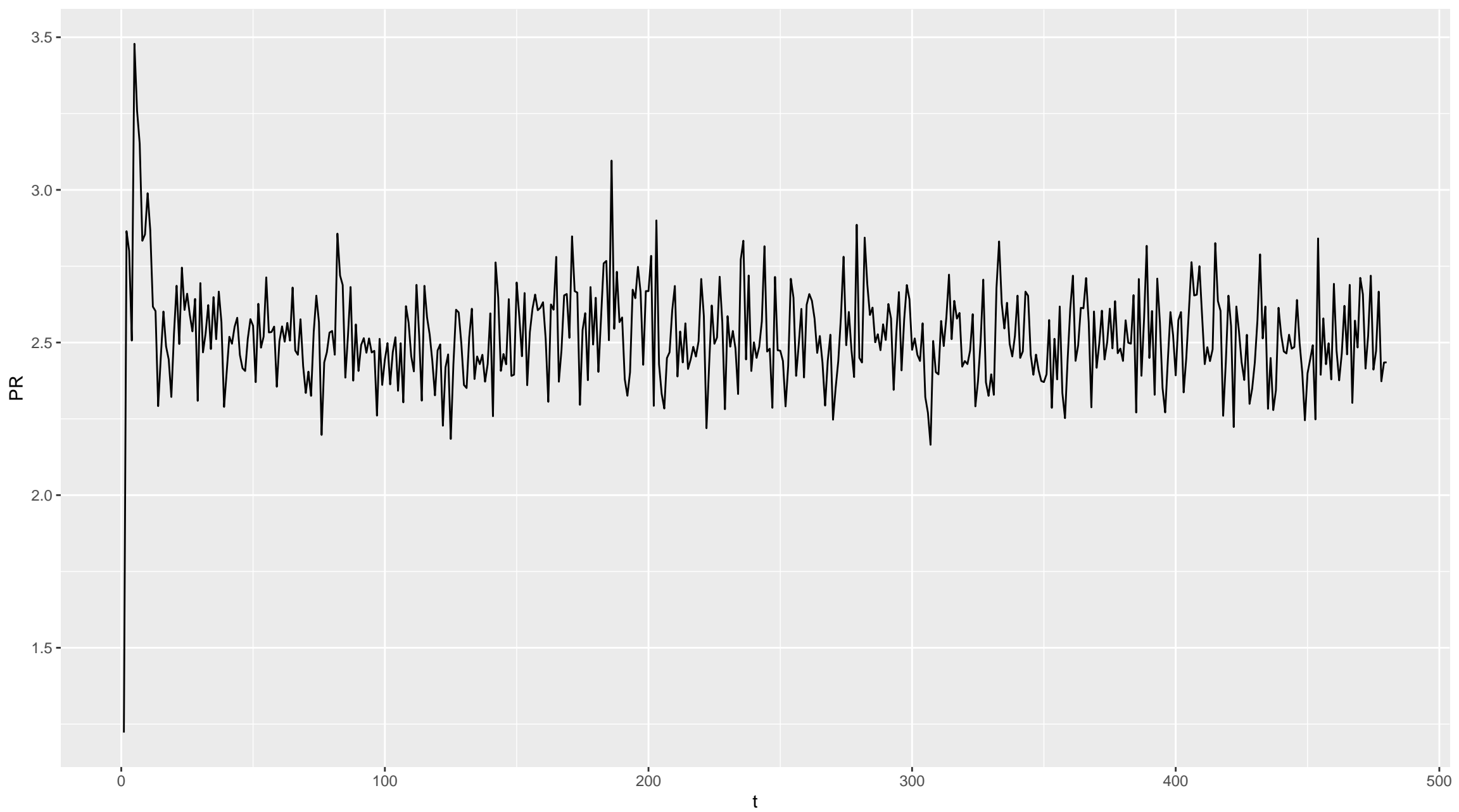
sizes of I state – scenario 6 : 90 %

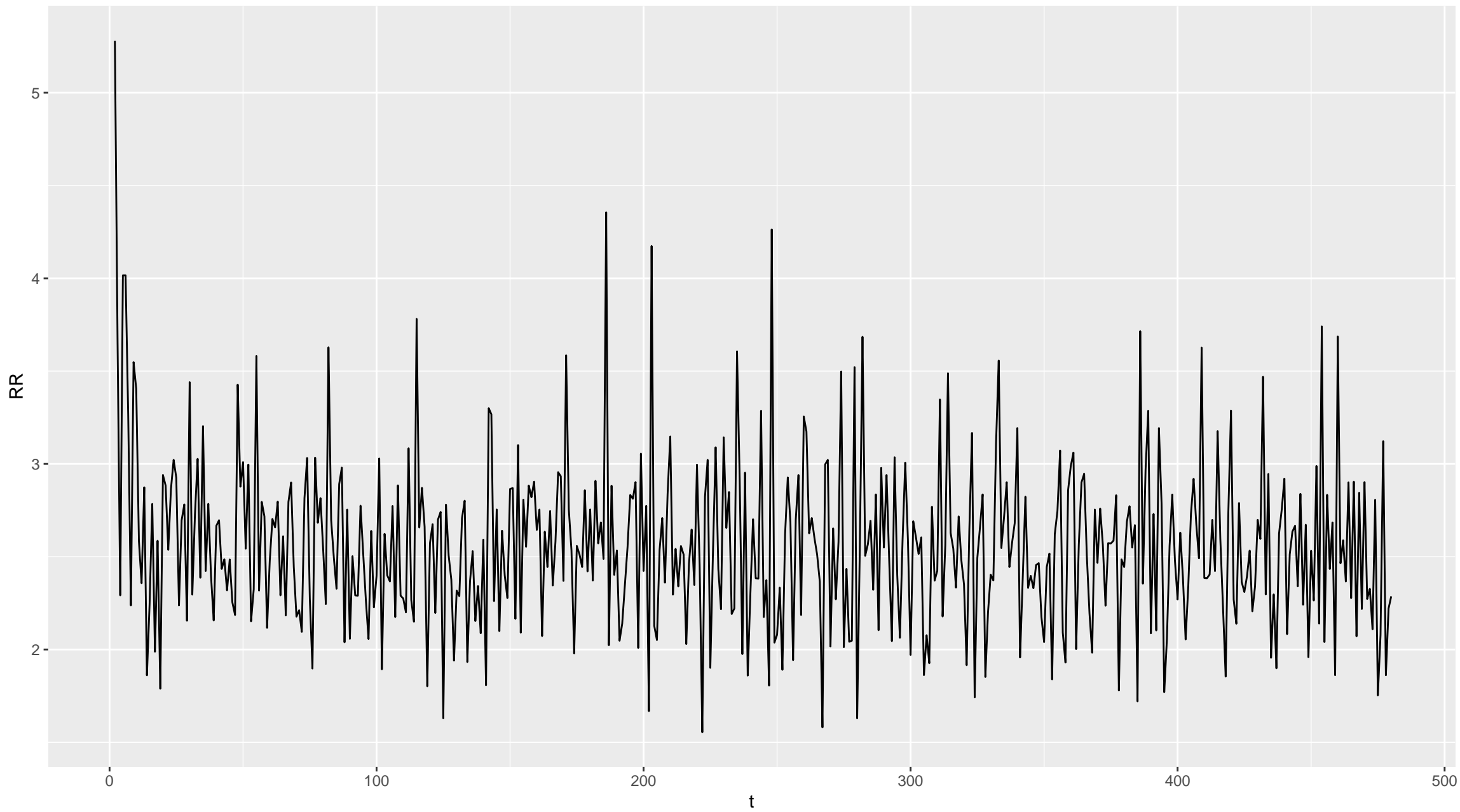prevalence for sub-populations – scenario 6 : 90 %

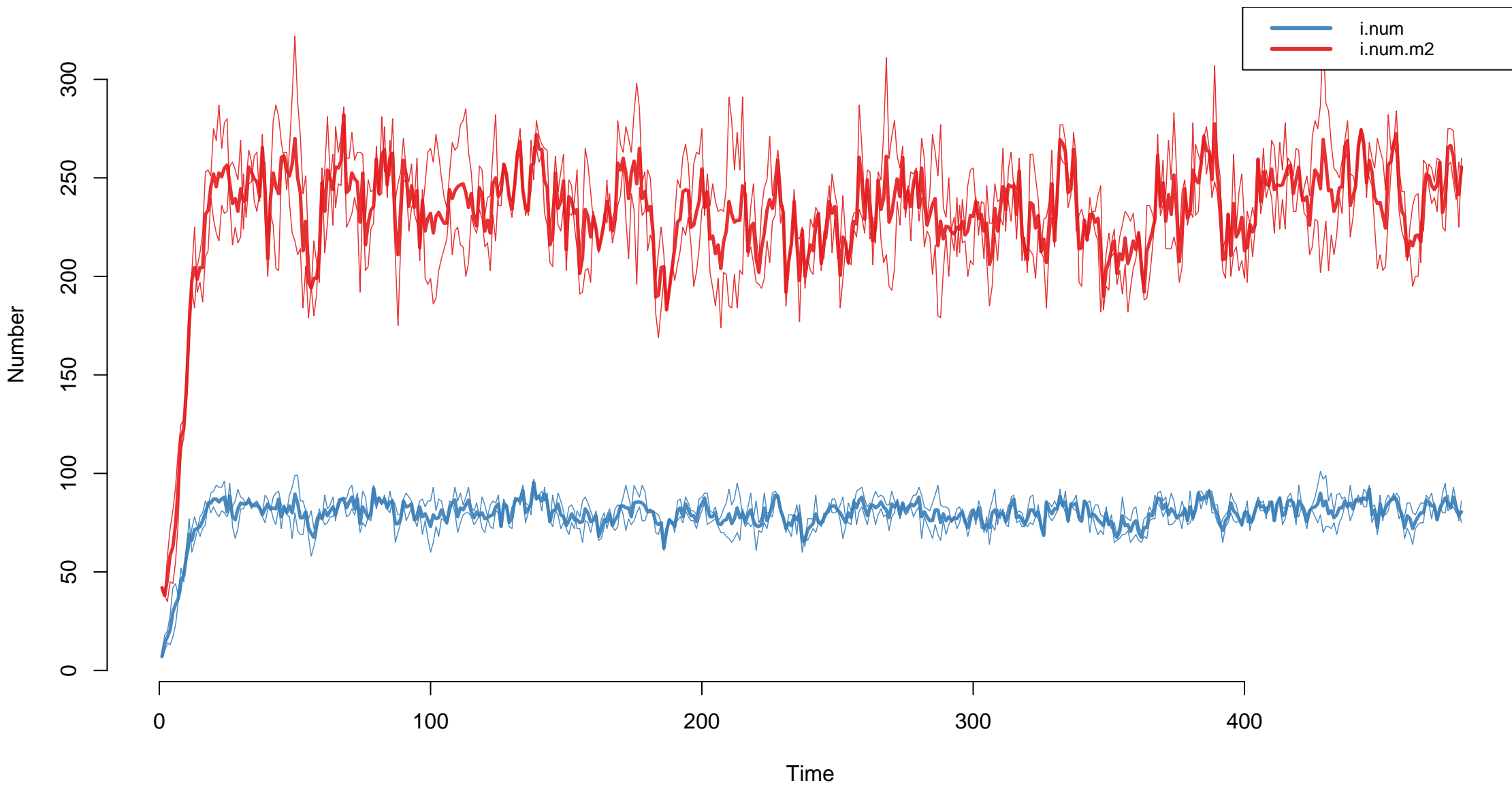incidence for sub–populations – scenario 6 : 90 %

relative prevalence ses1 to ses0 – scenario 6 : 90 %

relative risk ses1 to ses0 – scenario 6 : 90 %

sizes of I state – scenario 7 : 100 %

prevalence for sub−populations − scenario 7 : 100 %

incidence for sub–populations – scenario 7 : 100 %

relative prevalence ses1 to ses0 – scenario 7 : 100 %

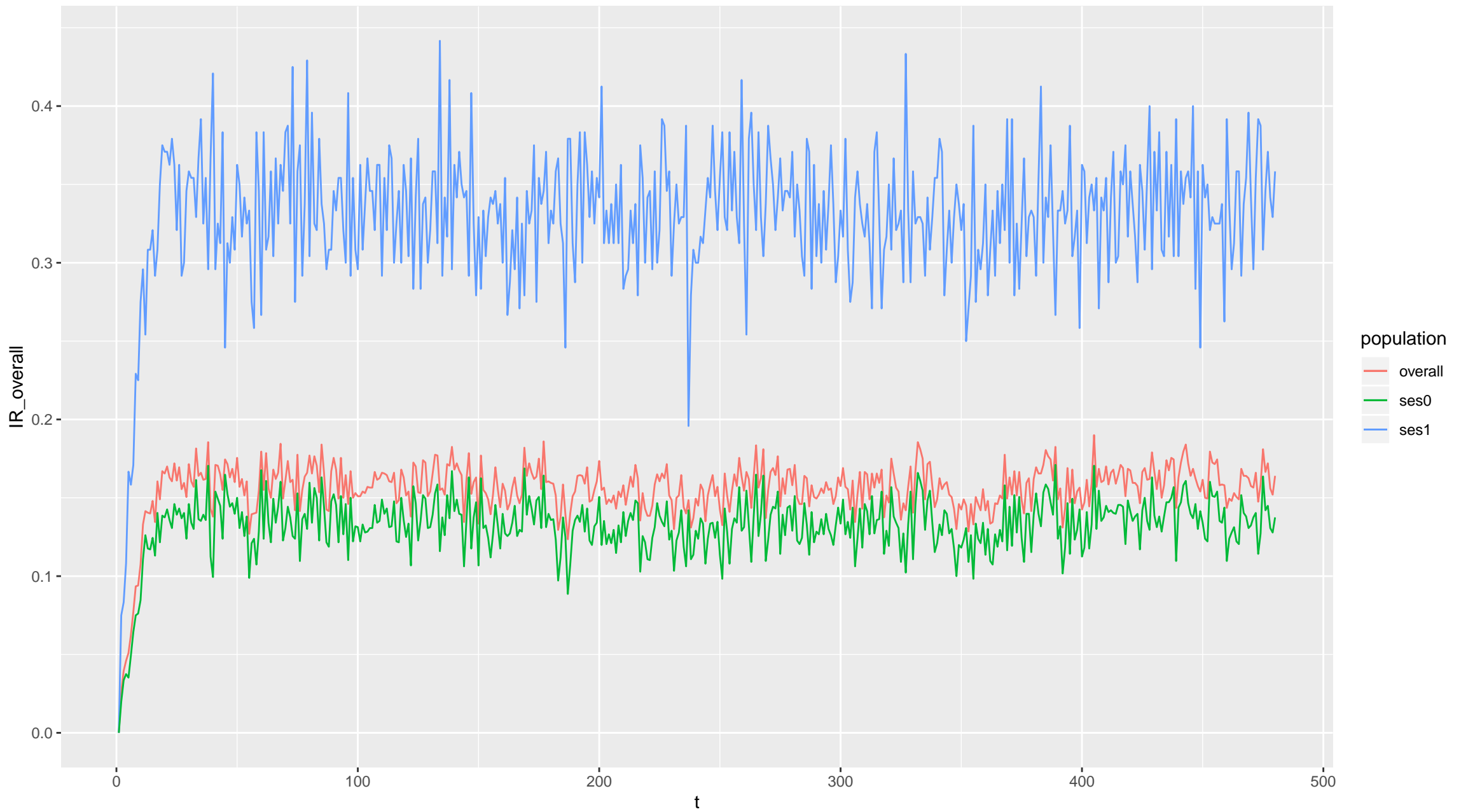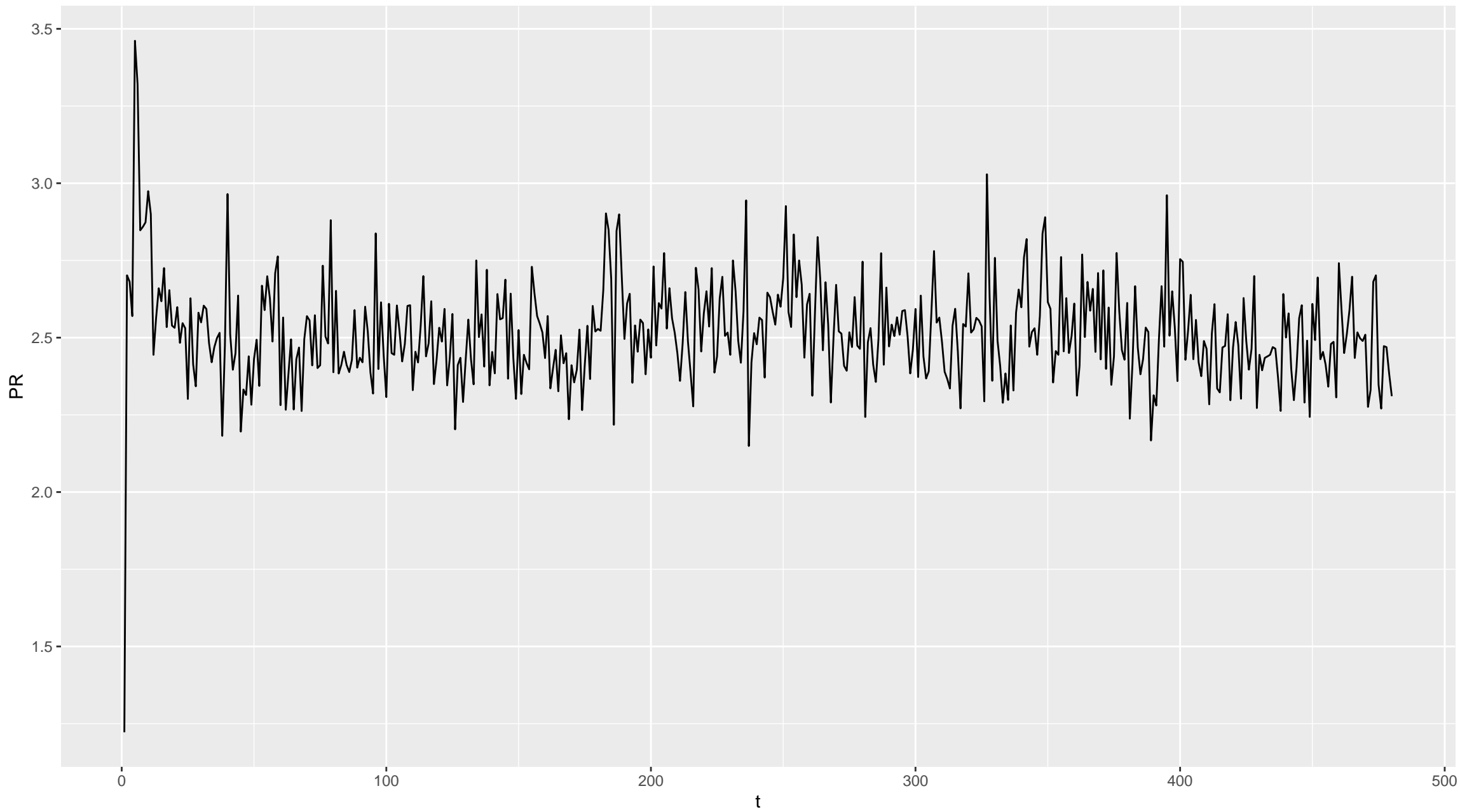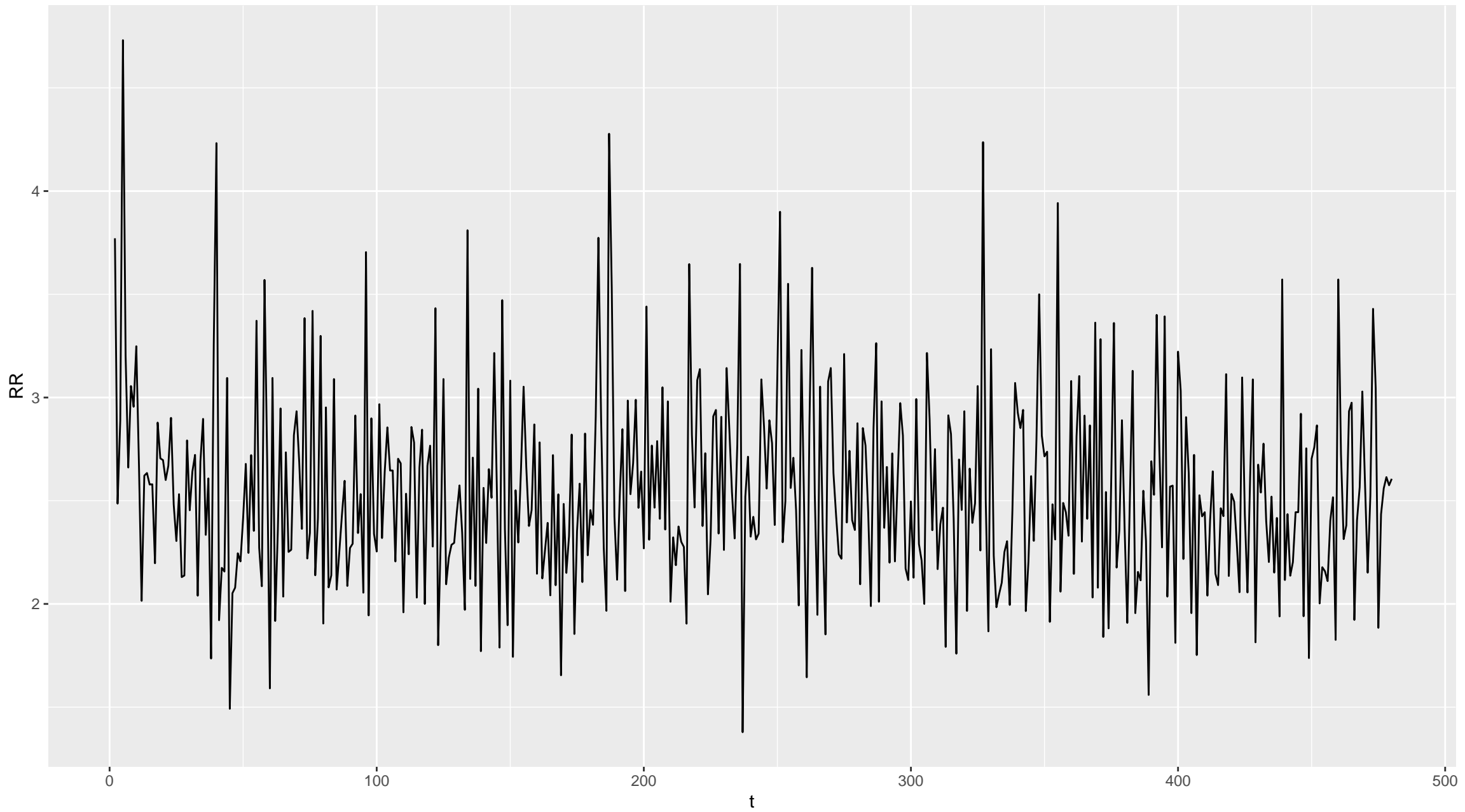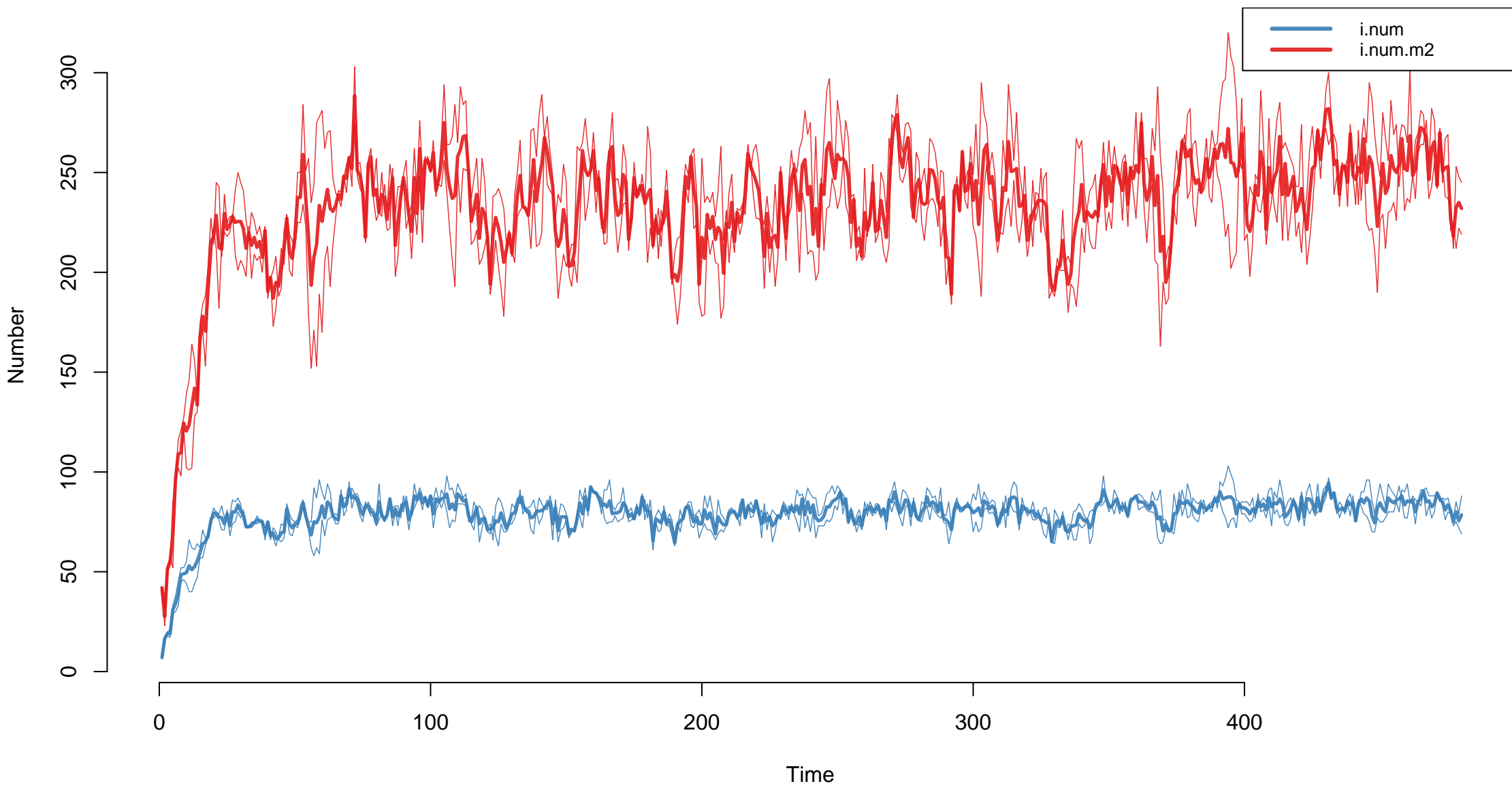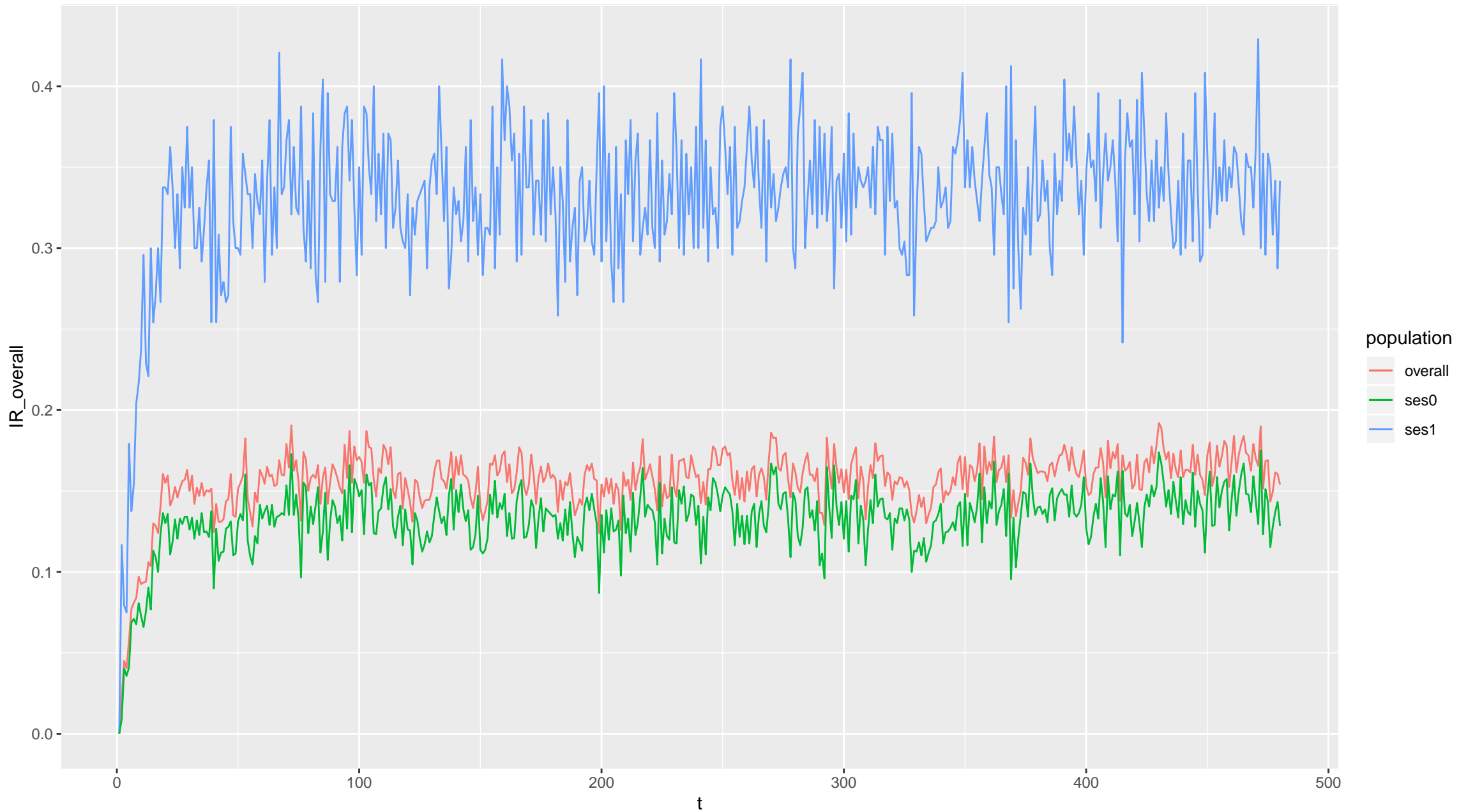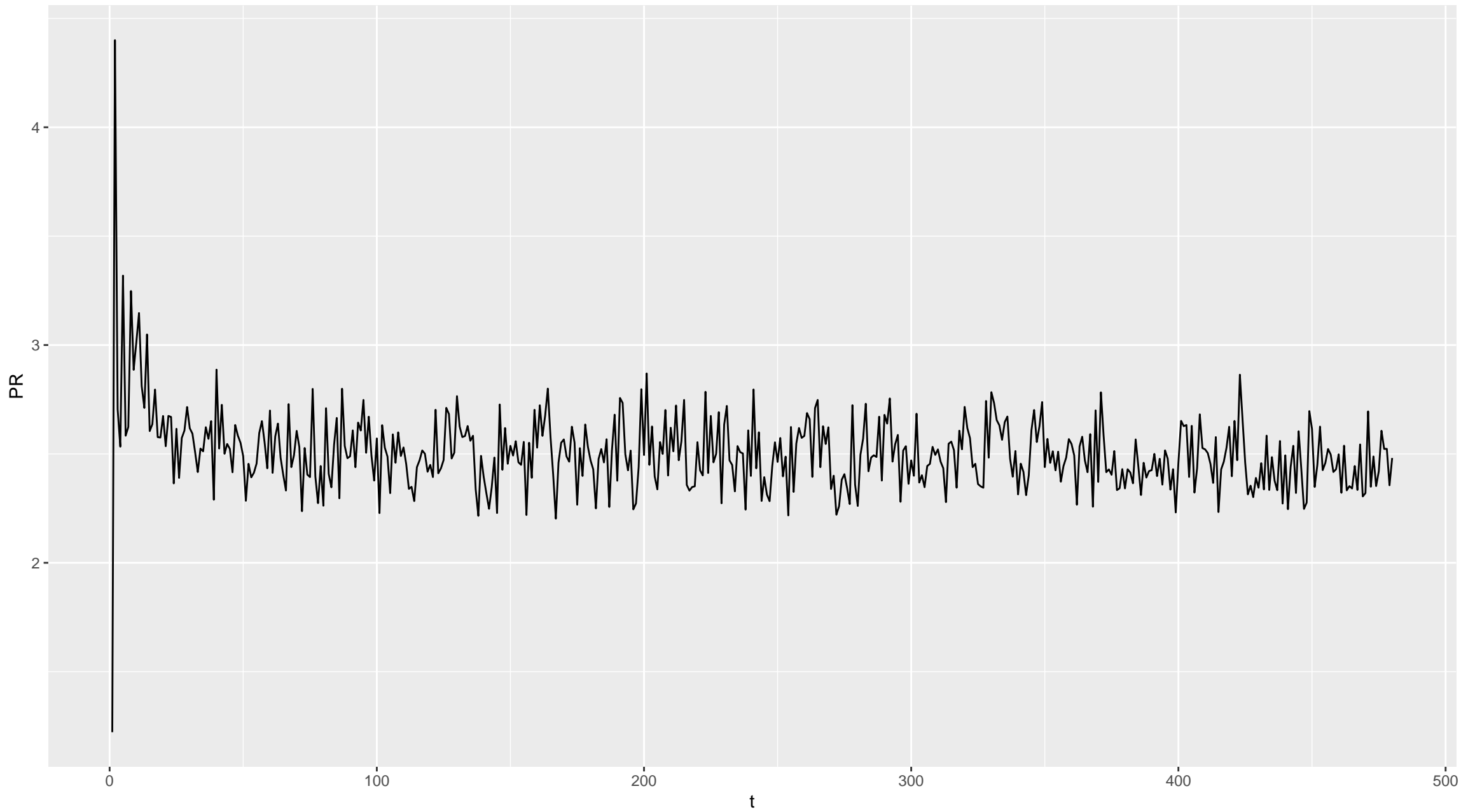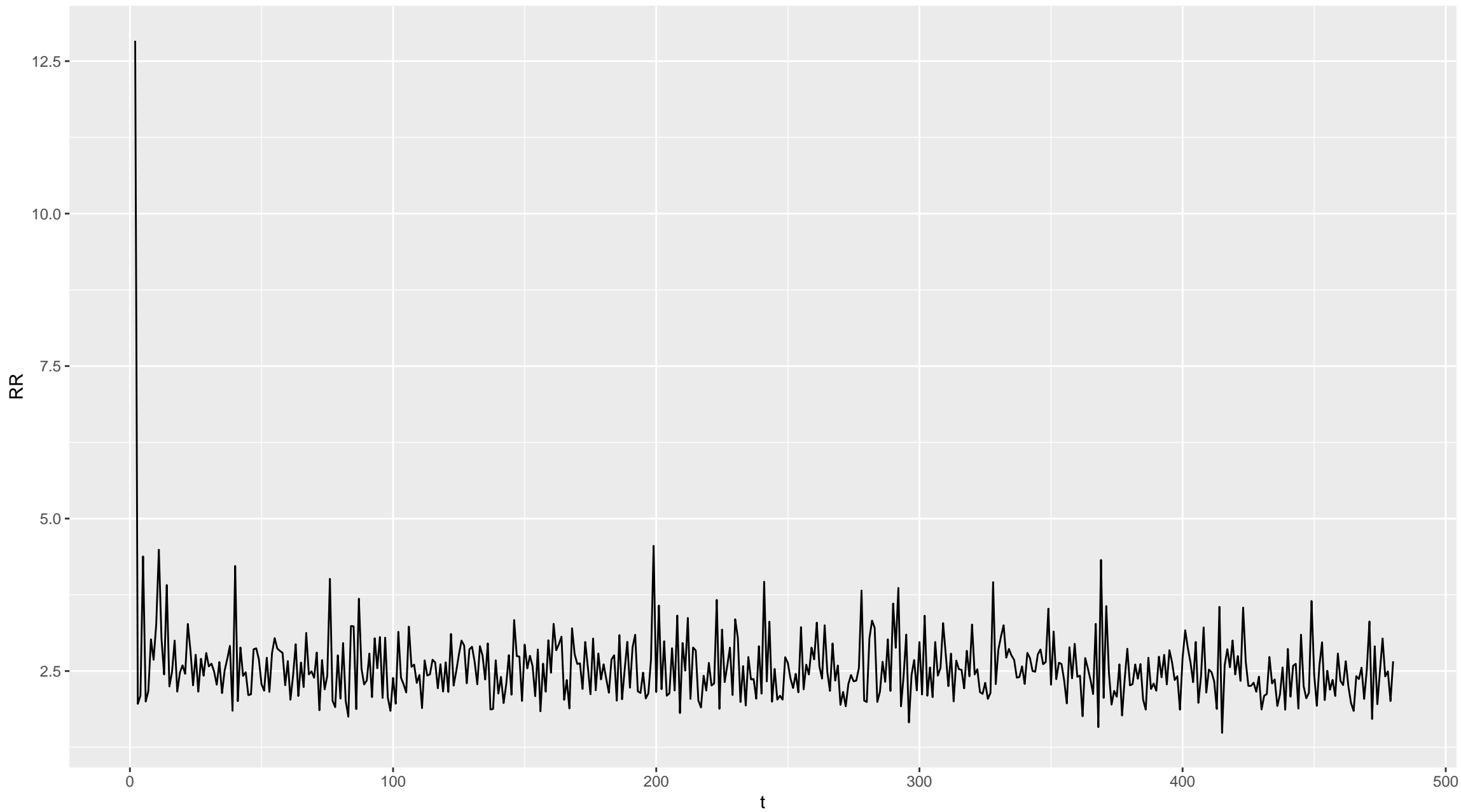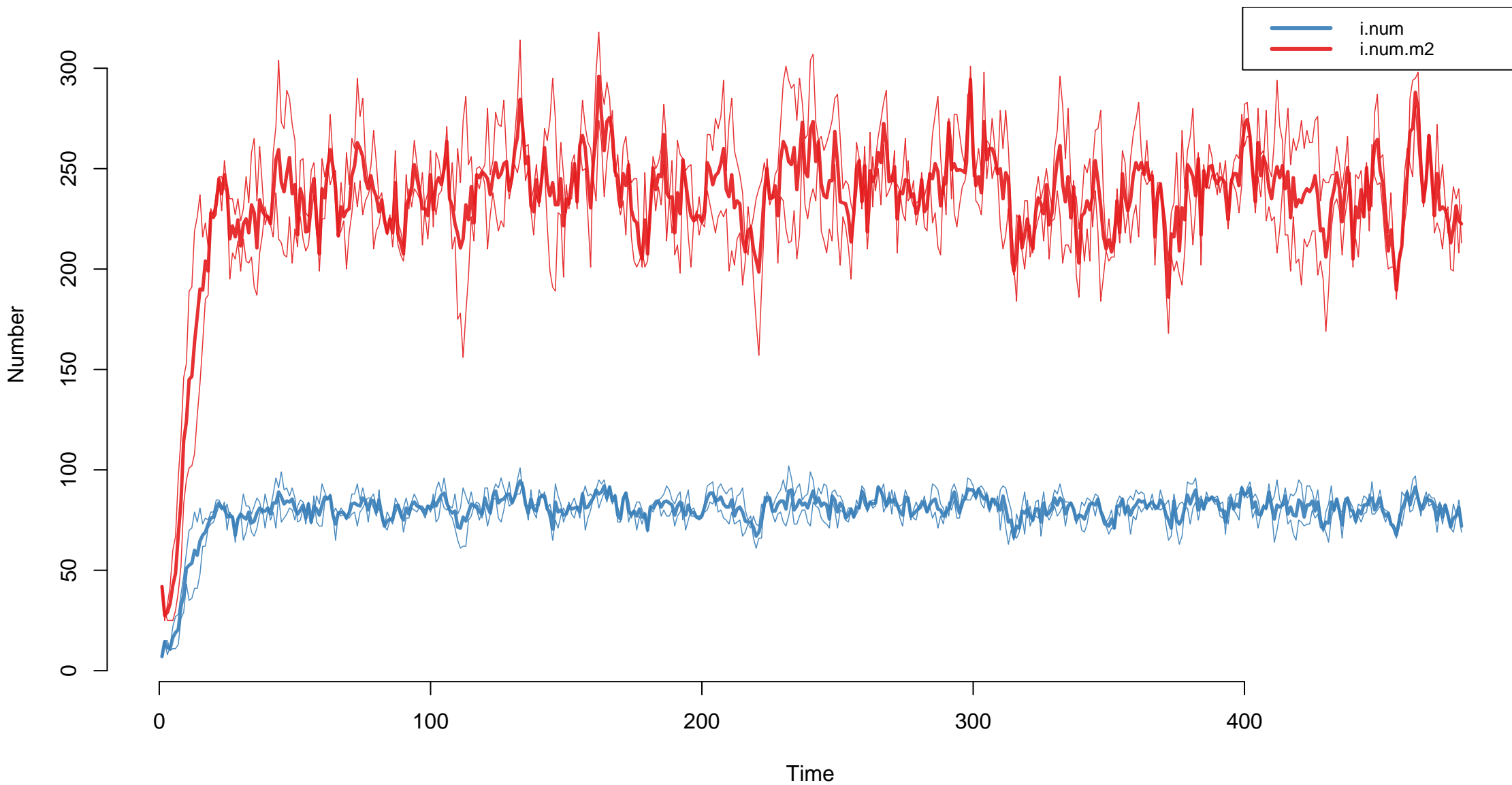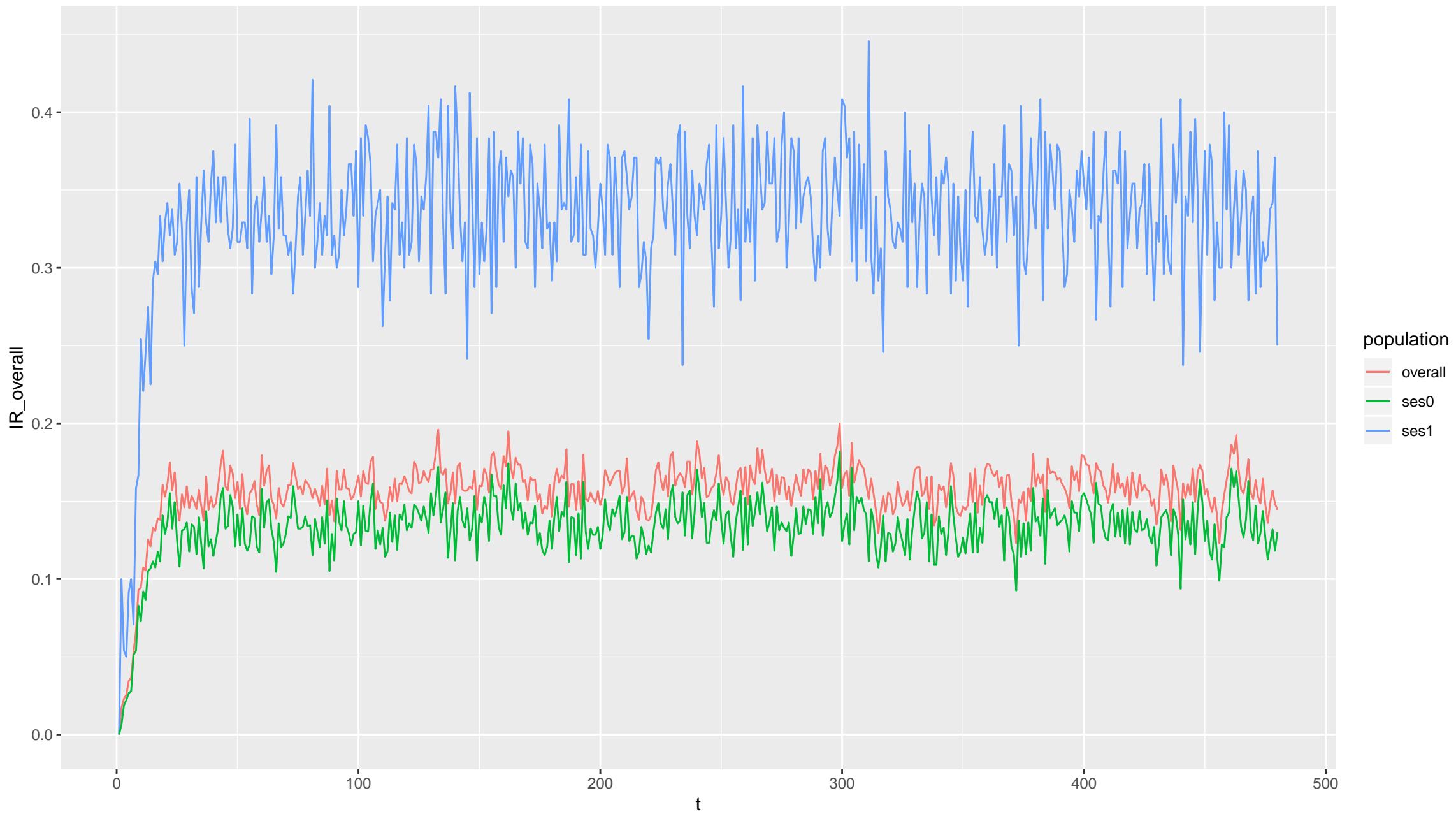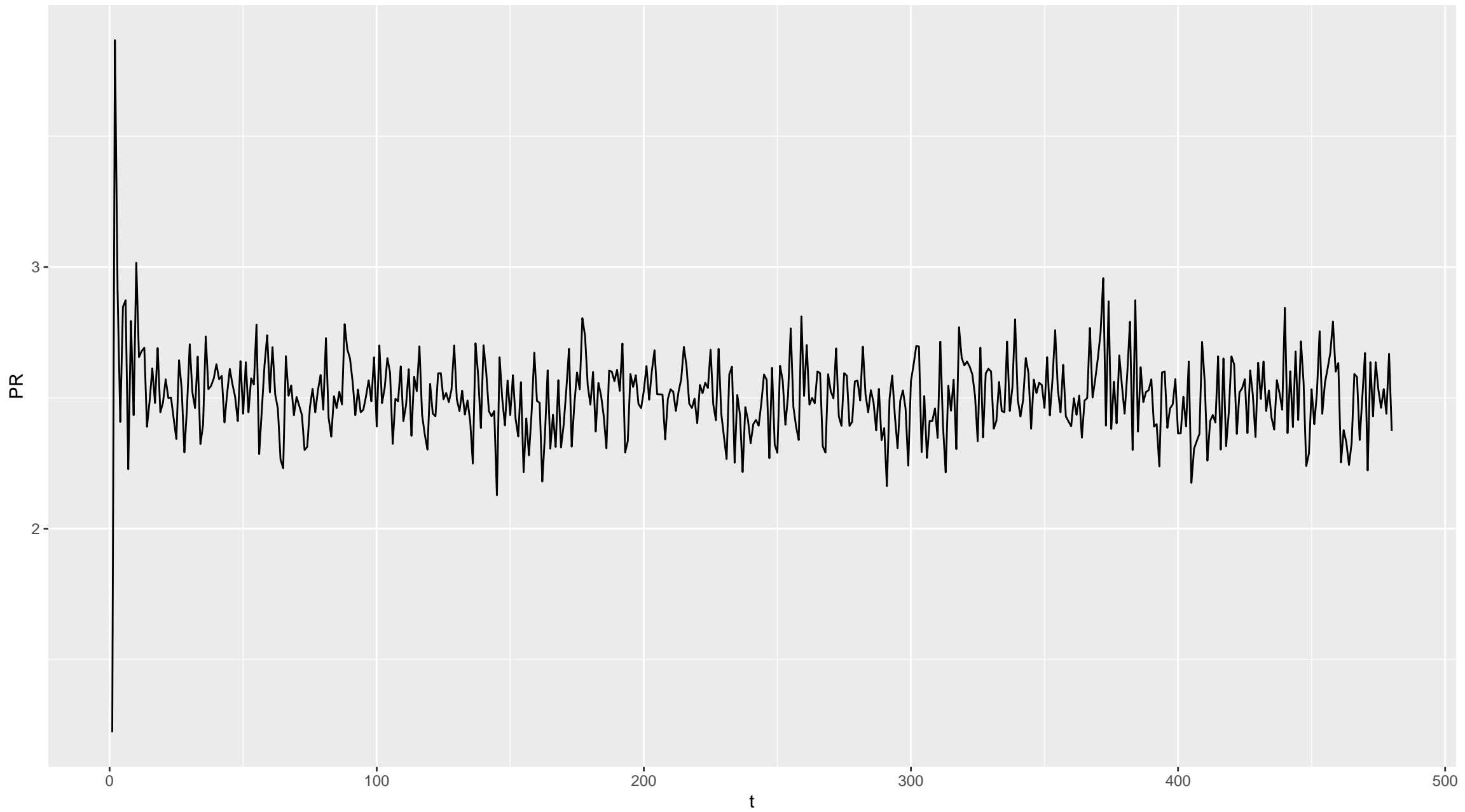relative risk ses1 to ses0 – scenario 7 : 100 %
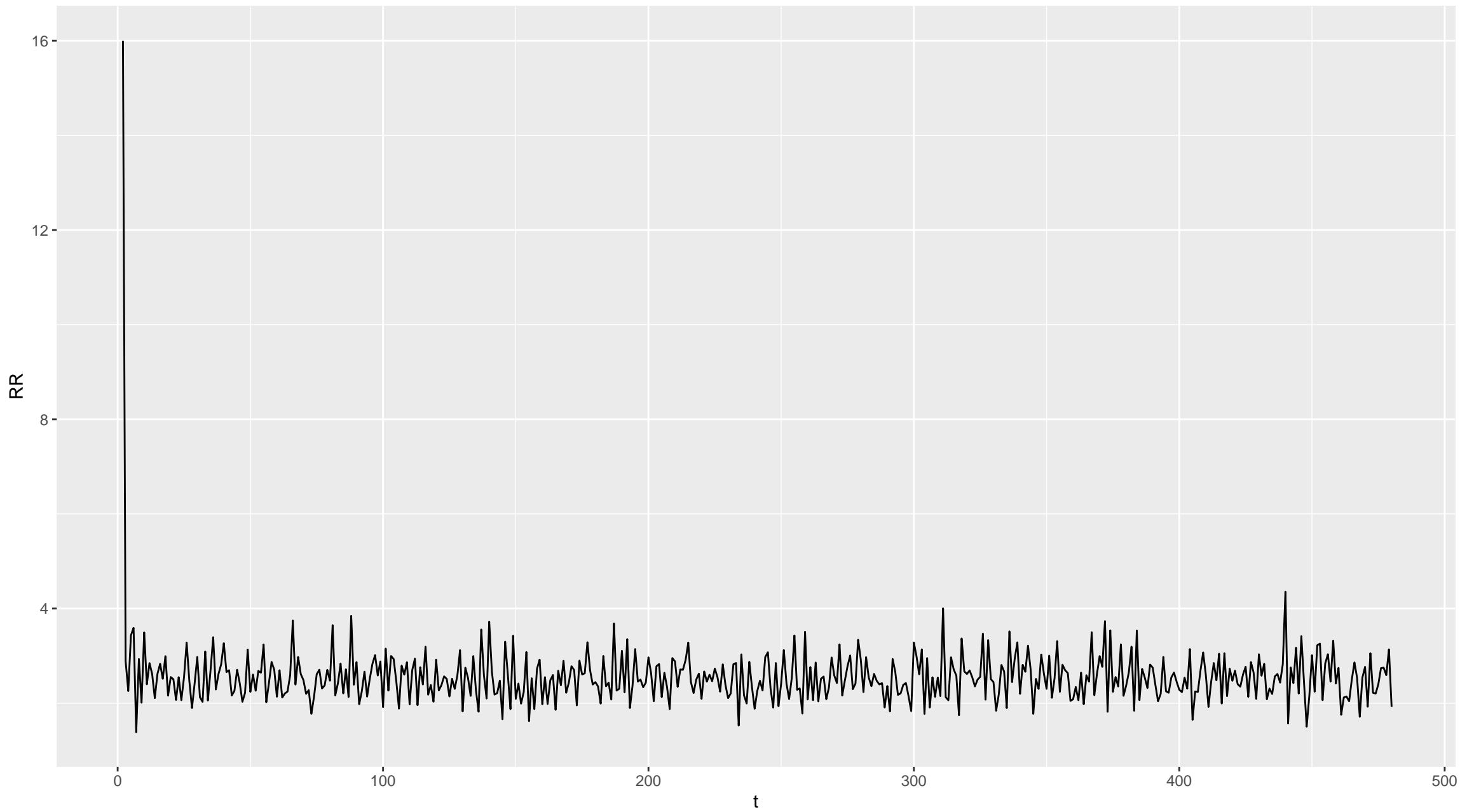
	scenario	overall_prev_mean	overall_prev_sd	ses1_prev_mean	ses1_prev_sd	ses0_prev_mean	ses0_prev_sd	PR_mean	PR_sd
1	1	0.321	0.019	0.674	0.036	0.273	0.018	2.479	0.124
2	2	0.307	0.025	0.656	0.045	0.259	0.023	2.539	0.151
3	3	0.304	0.027	0.65	0.052	0.257	0.025	2.539	0.147
4	4	0.316	0.024	0.668	0.044	0.268	0.023	2.506	0.141
5	5	0.326	0.019	0.684	0.037	0.277	0.018	2.474	0.138
6	6	0.334	0.016	0.696	0.03	0.285	0.016	2.451	0.121
7	7	0.321	0.021	0.677	0.041	0.272	0.02	2.492	0.147

	scenario	overall_IR_mean	overall_IR_sd	ses1_IR_mean	ses1_IR_sd	ses0_IR_mean	ses0_IR_sd	RR_mean	RR_sd
1	1	0.155	0.019	0.33	0.046	0.131	0.02	2.565	0.515
2	2	0.153	0.018	0.327	0.042	0.129	0.018	2.585	0.636
3	3	0.151	0.024	0.324	0.054	0.128	0.023	2.598	0.527
4	4	0.154	0.021	0.328	0.048	0.131	0.021	2.562	0.462
5	5	0.156	0.019	0.33	0.045	0.132	0.019	2.544	0.473
6	6	0.156	0.02	0.331	0.046	0.133	0.021	2.562	0.671
7	7	0.157	0.021	0.332	0.05	0.133	0.021	2.564	0.763