sizes of I state – scenario 1 :   0 %

Number

Time

prevalence for sub–populations – scenario 1 :   0 %

incidence for sub-populations – scenario 1 : 0 %

relative prevalence ses1 to ses0 – scenario 1 :   0 %
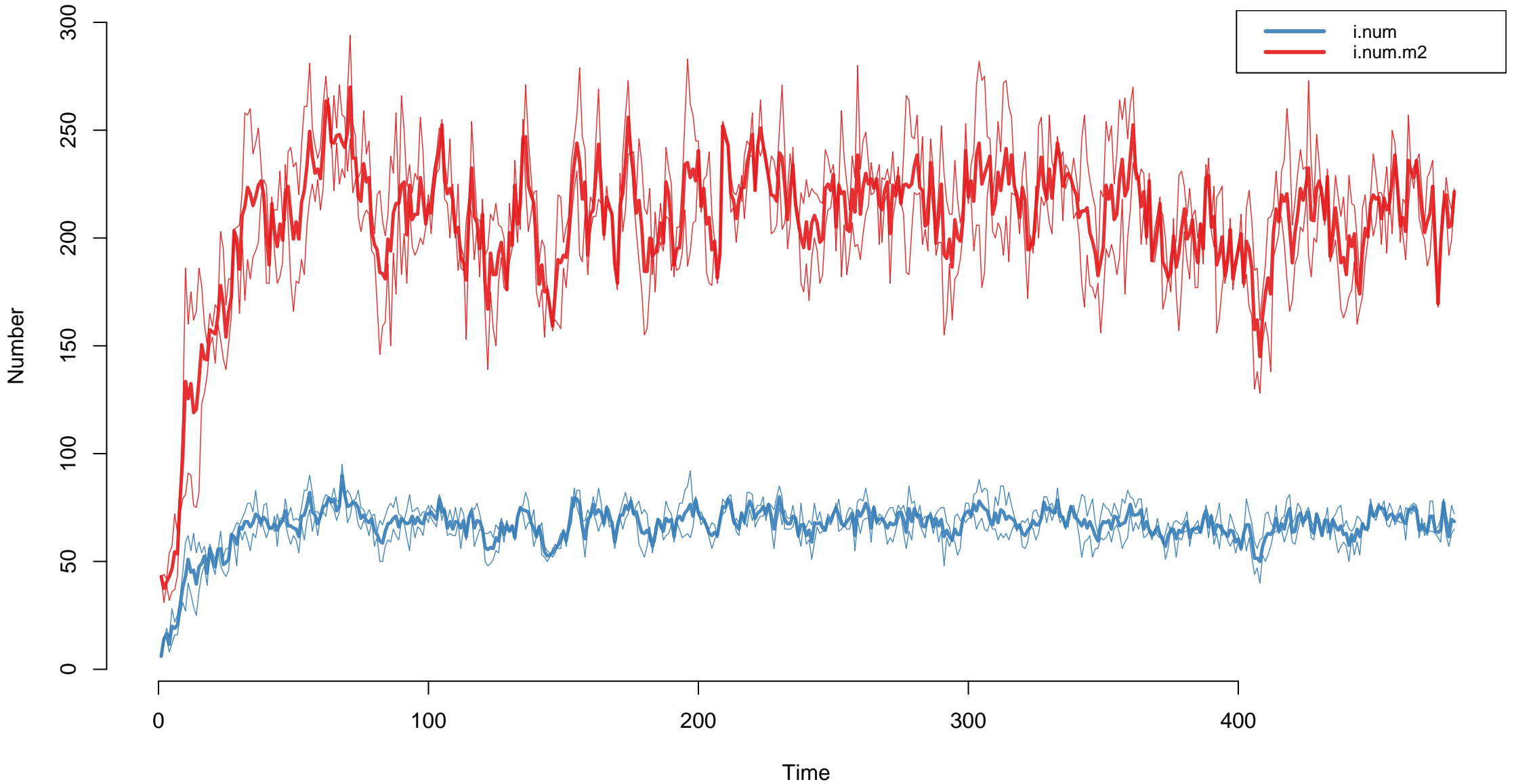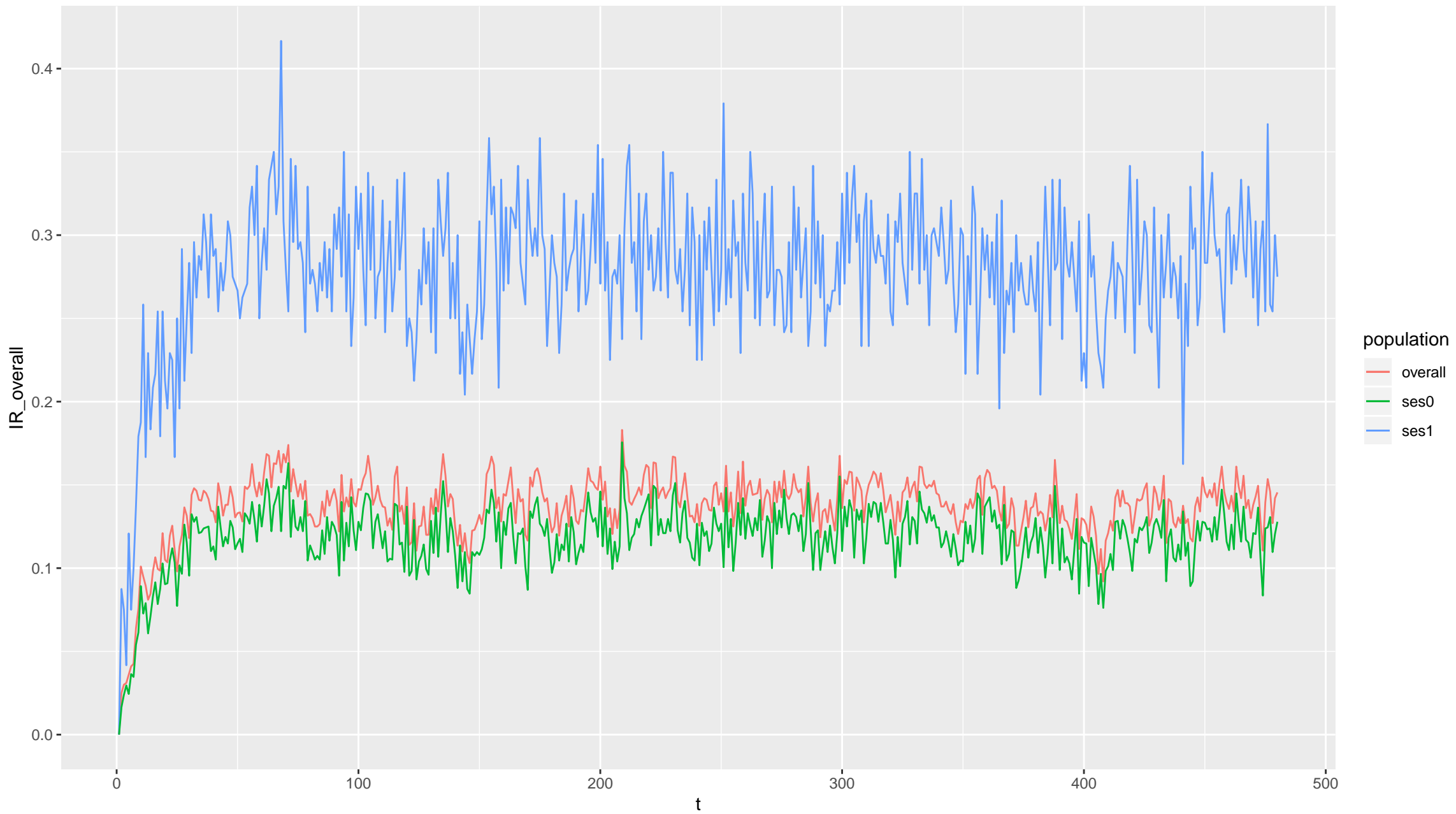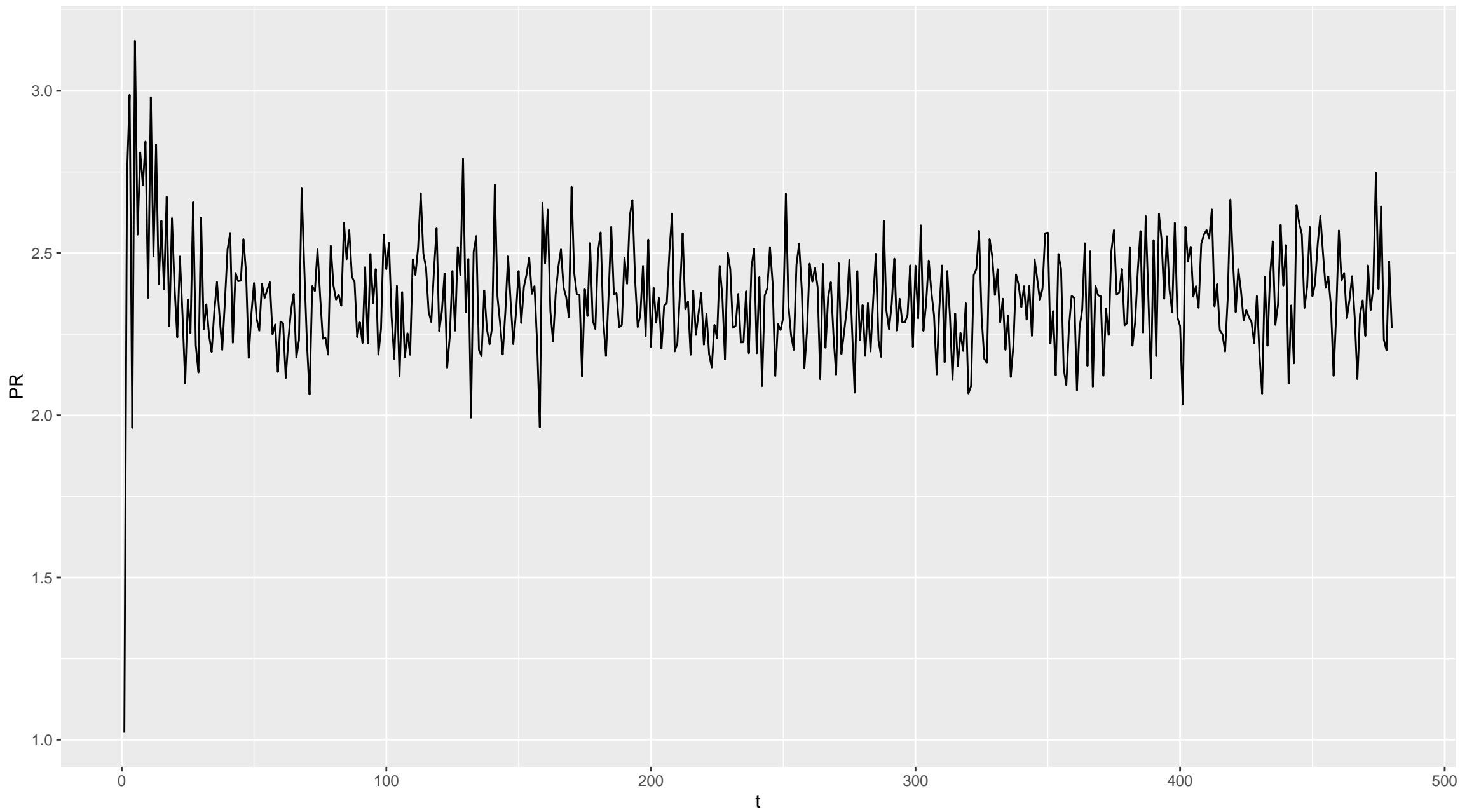
relative risk ses1 to ses0 – scenario 1 :   0 %

sizes of I state – scenario 2 : 10 %

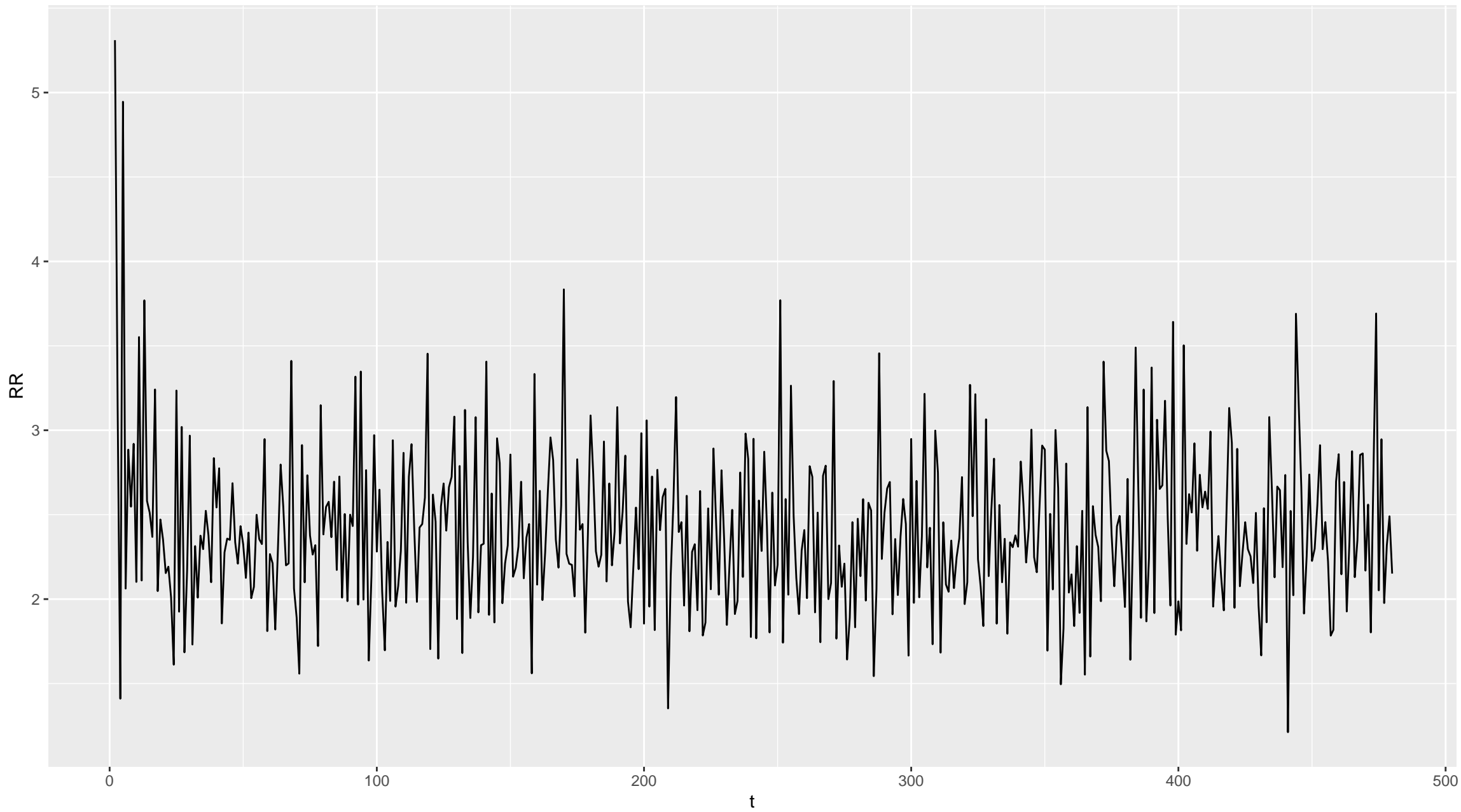prevalence for sub–populations – scenario 2 : 10 %

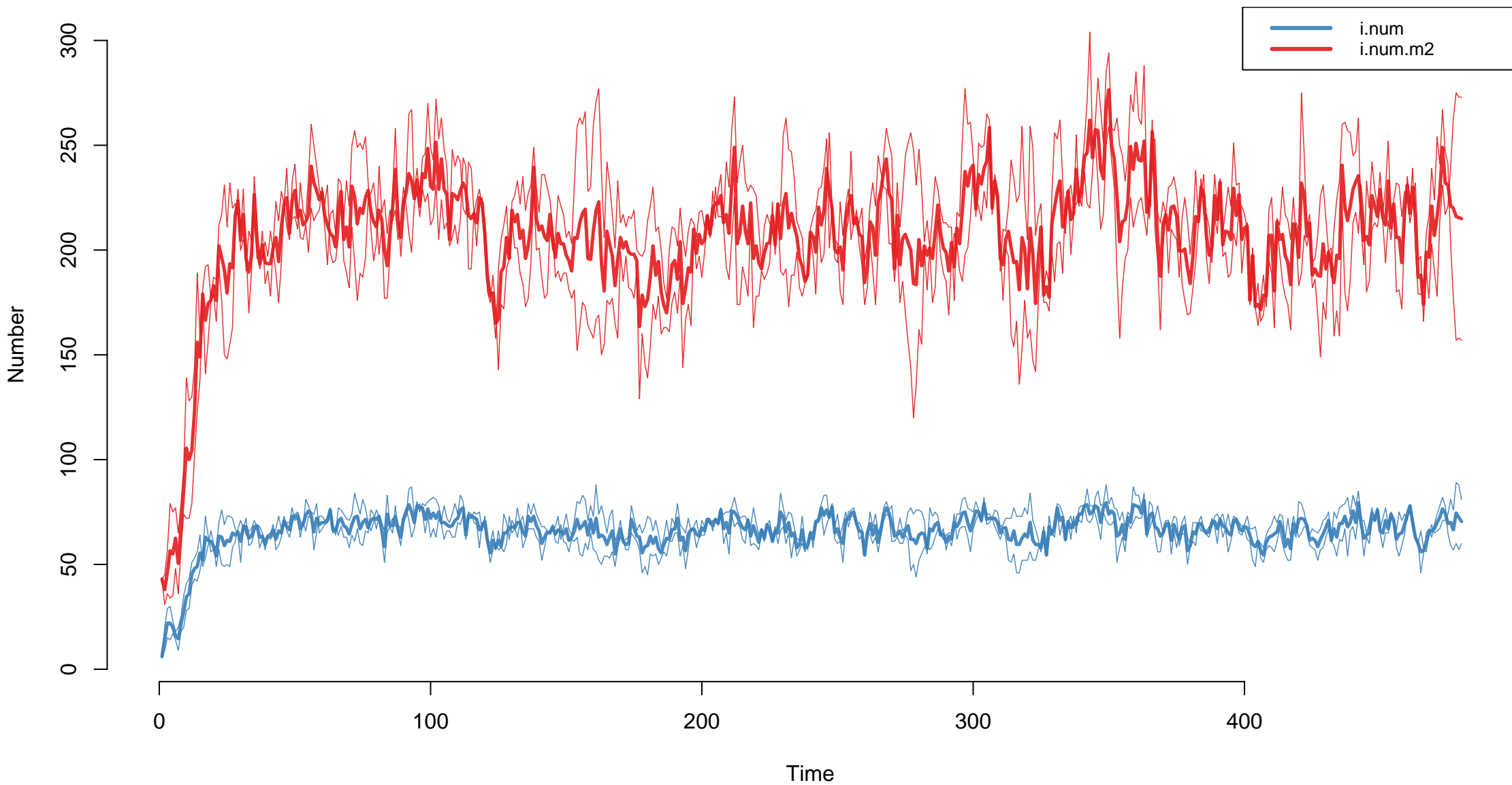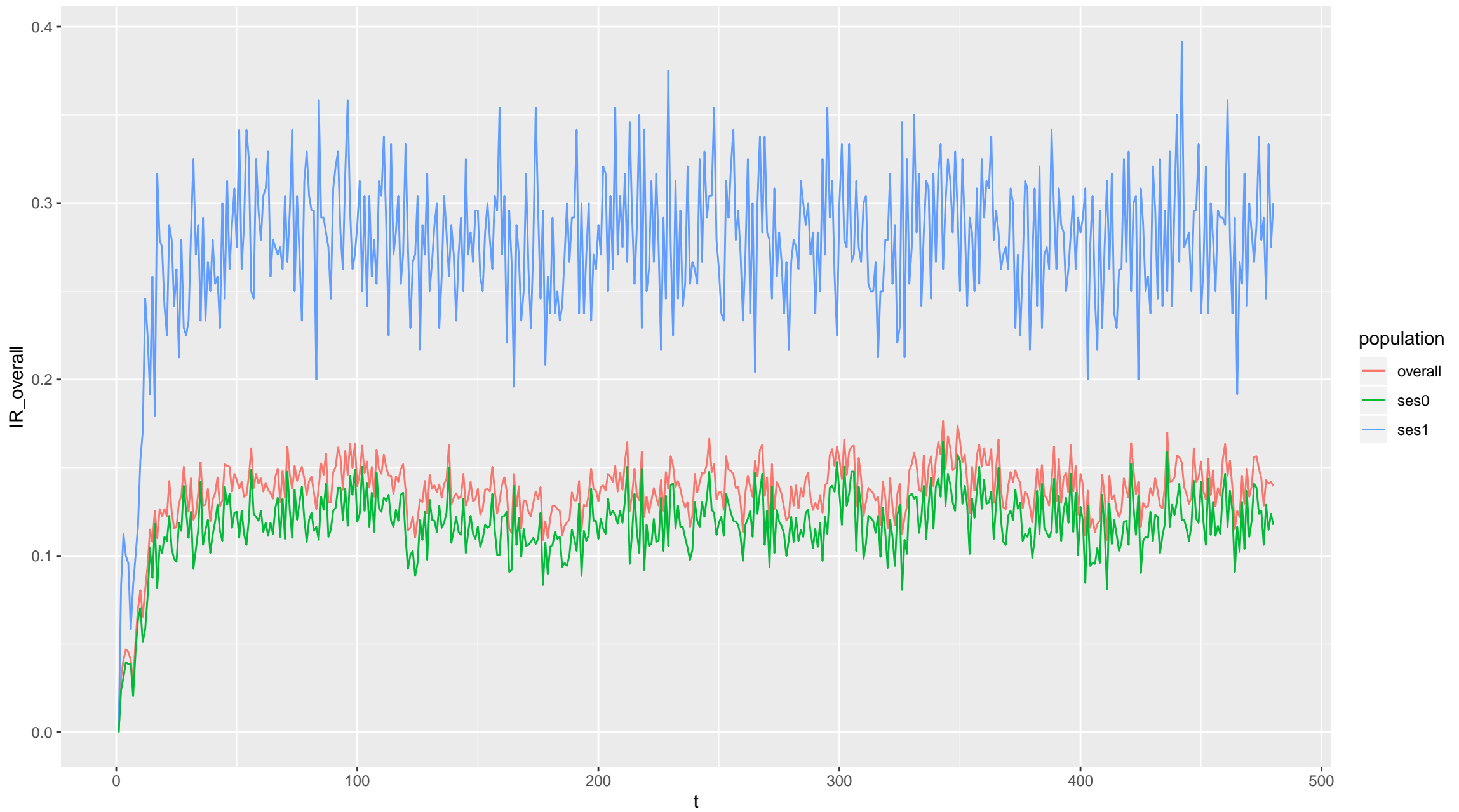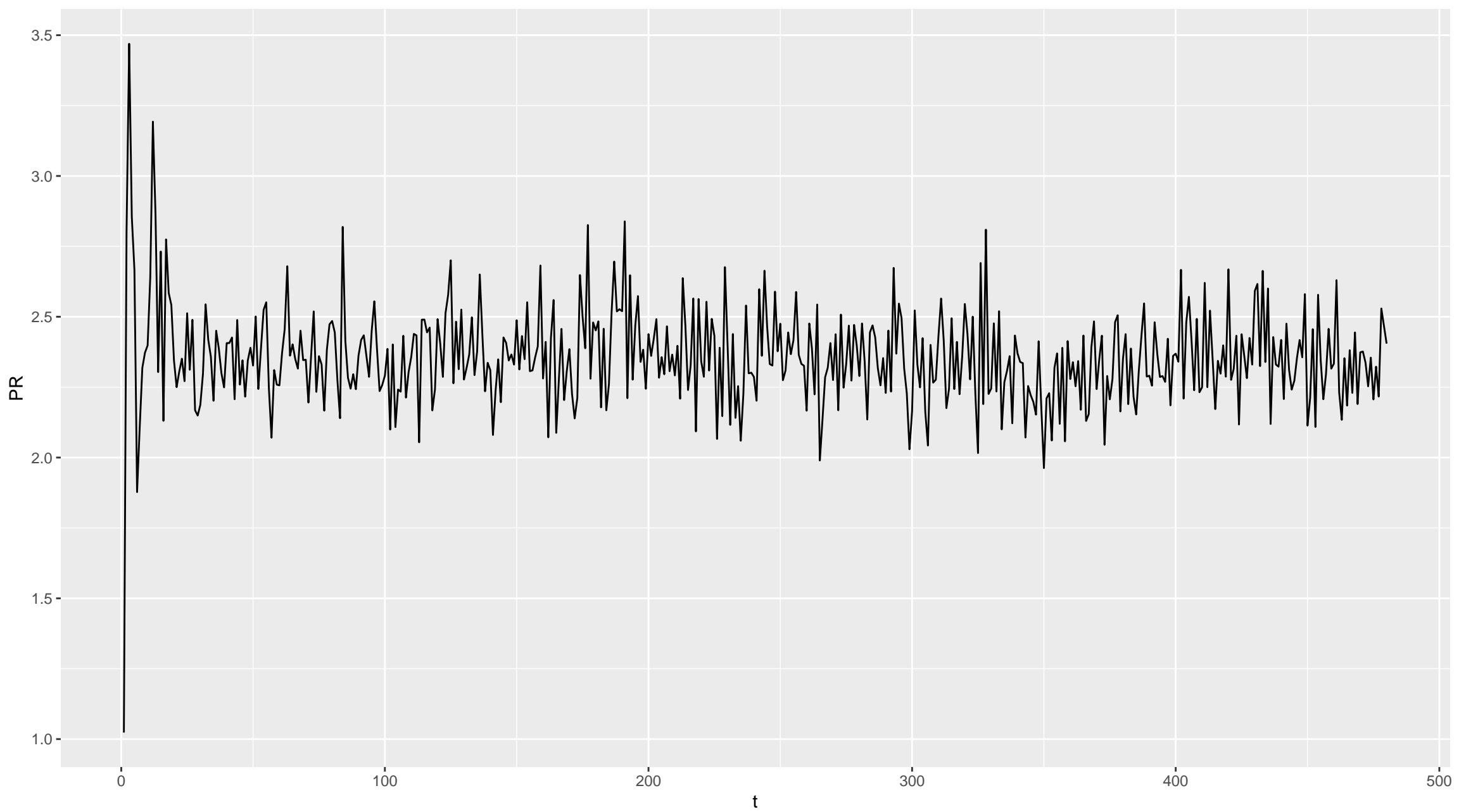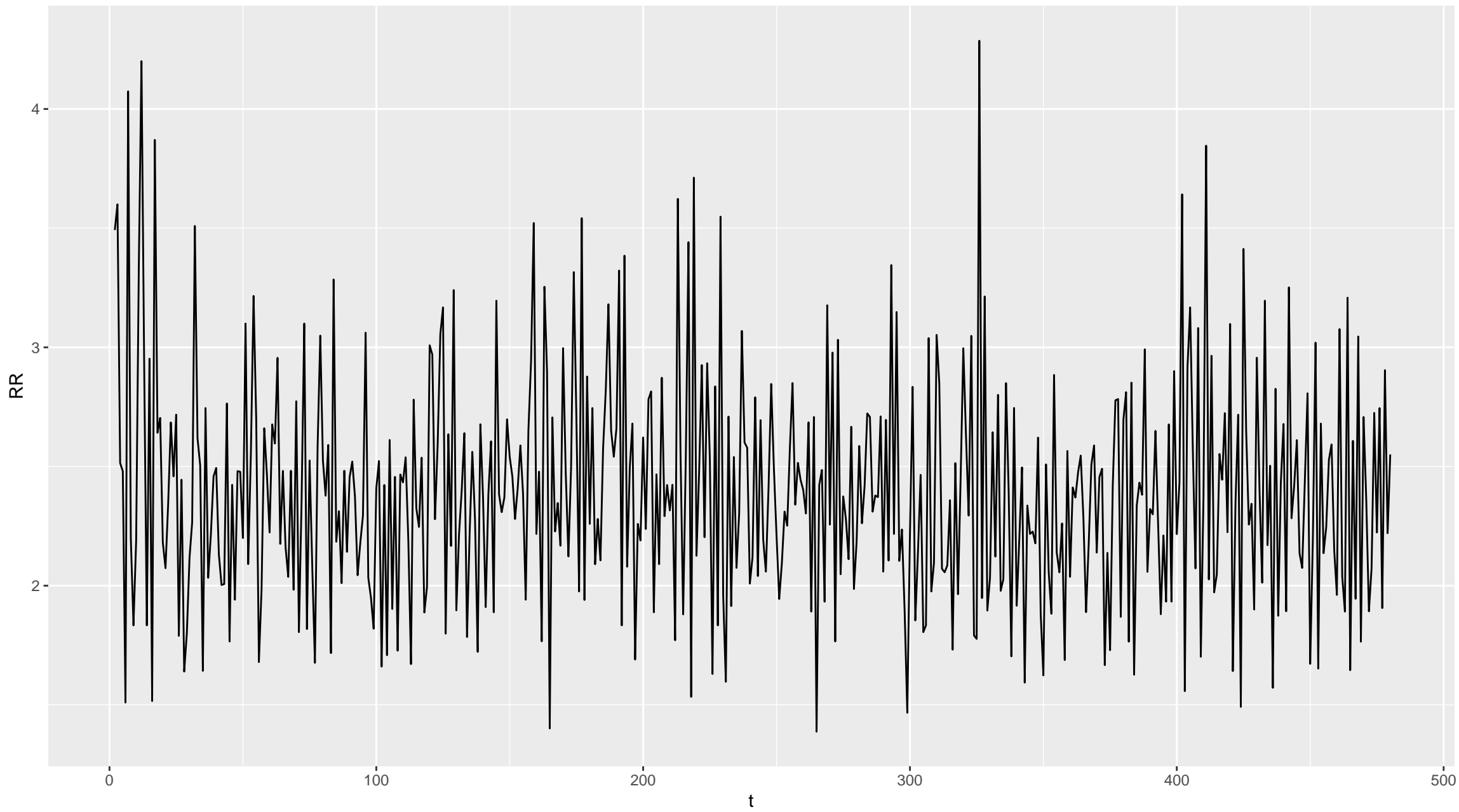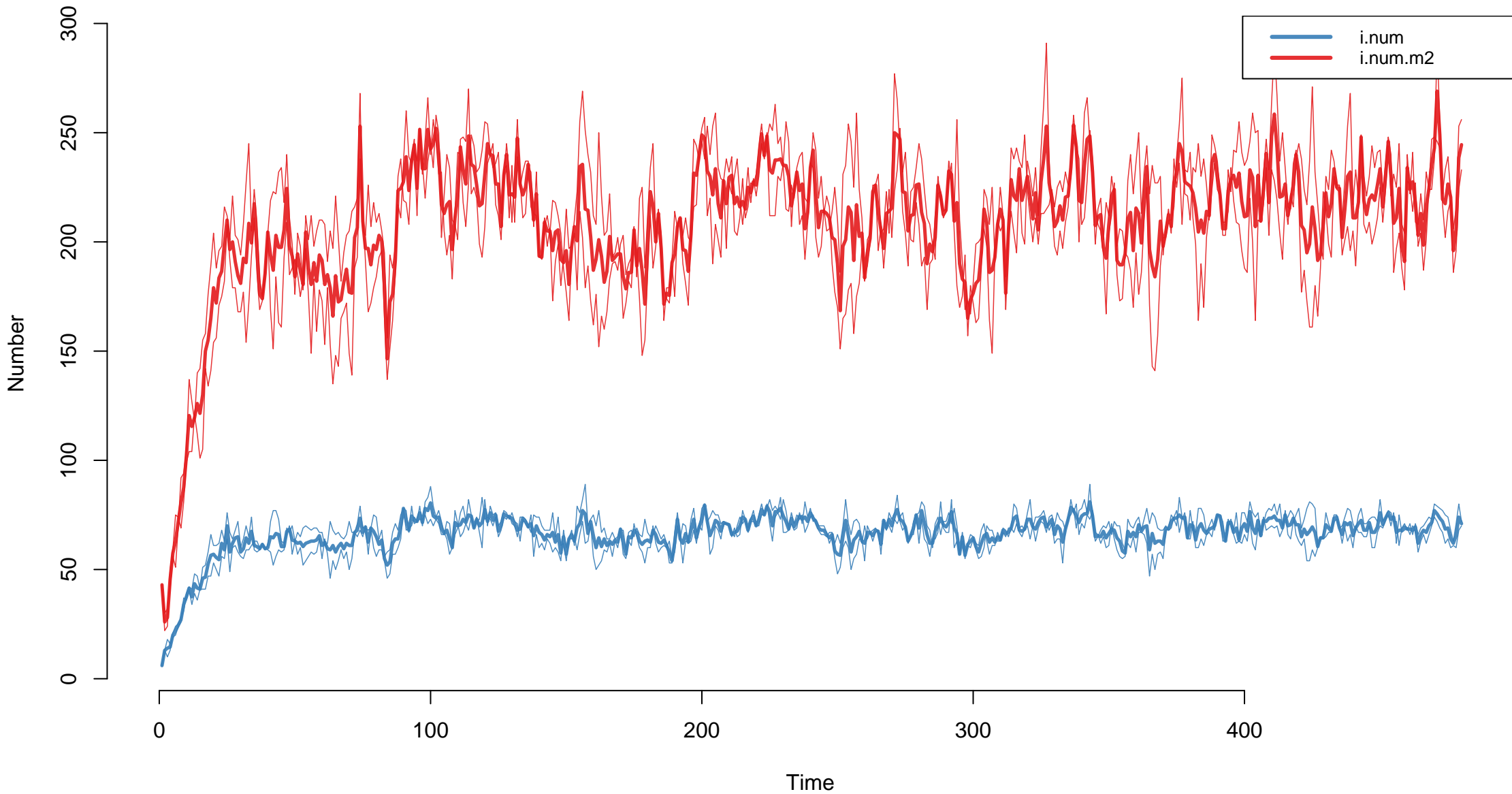incidence for sub-populations – scenario 2 : 10 %

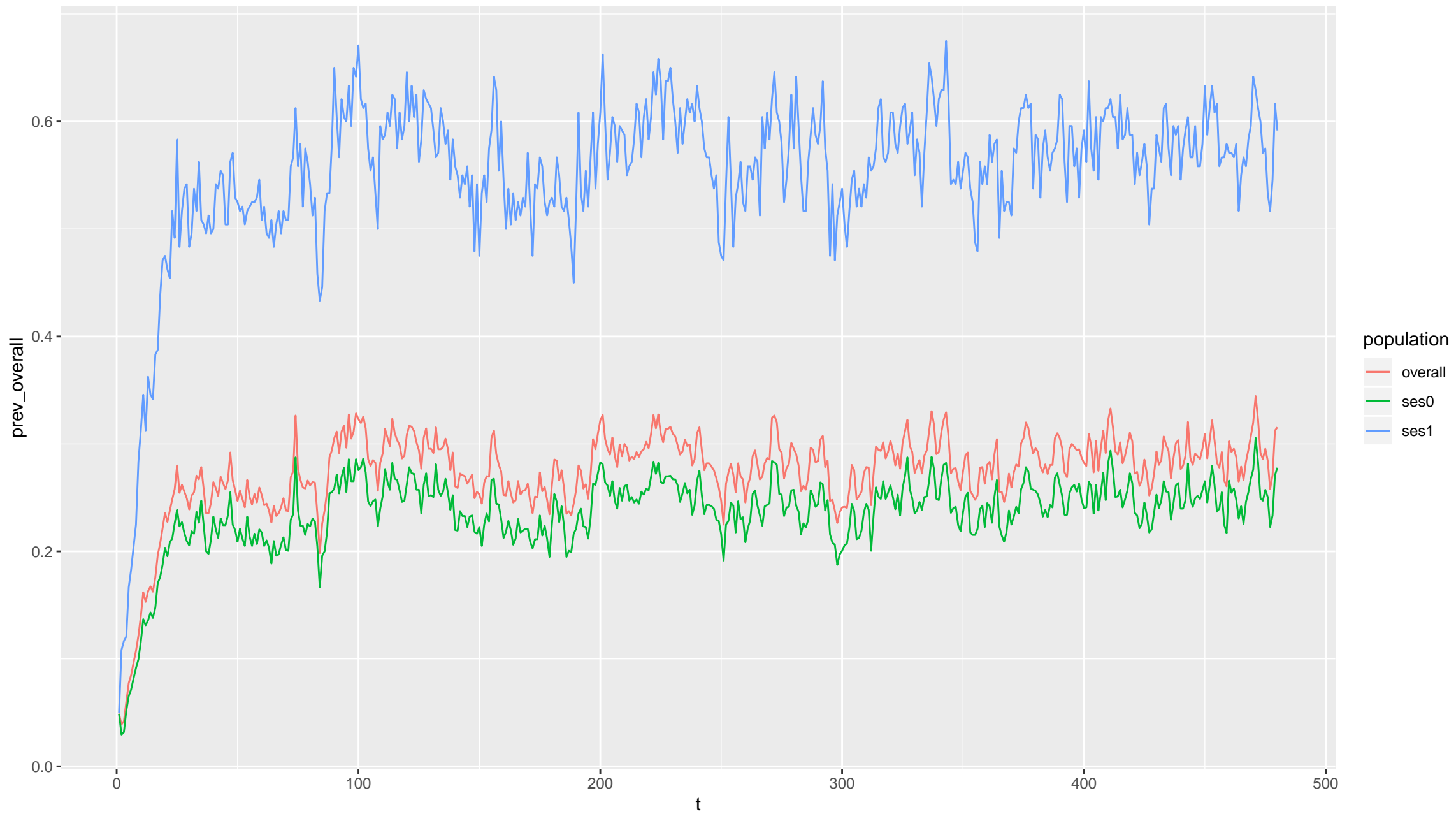relative prevalence ses1 to ses0 – scenario 2 : 10 %

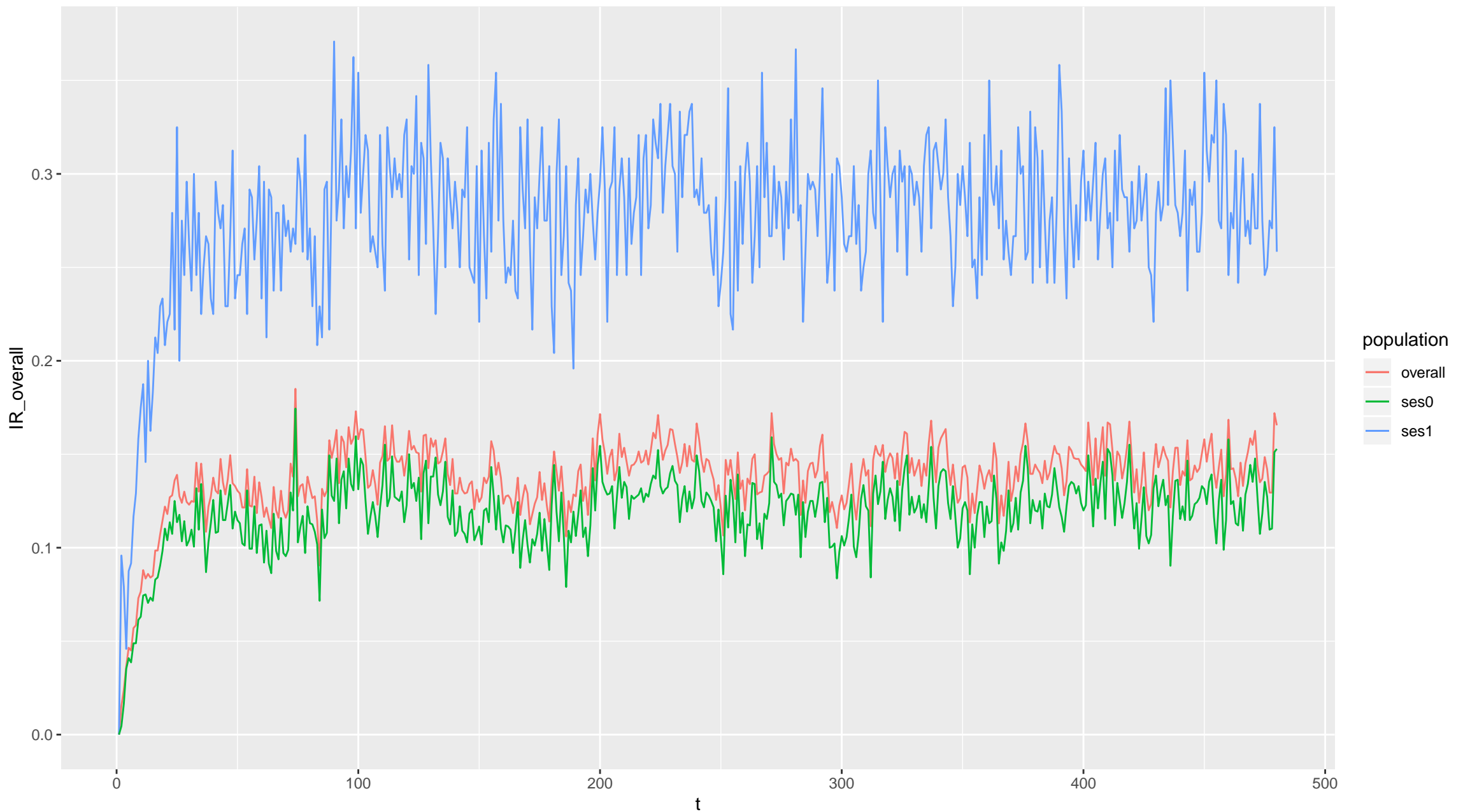relative risk ses1 to ses0 – scenario 2 : 10 %

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 %

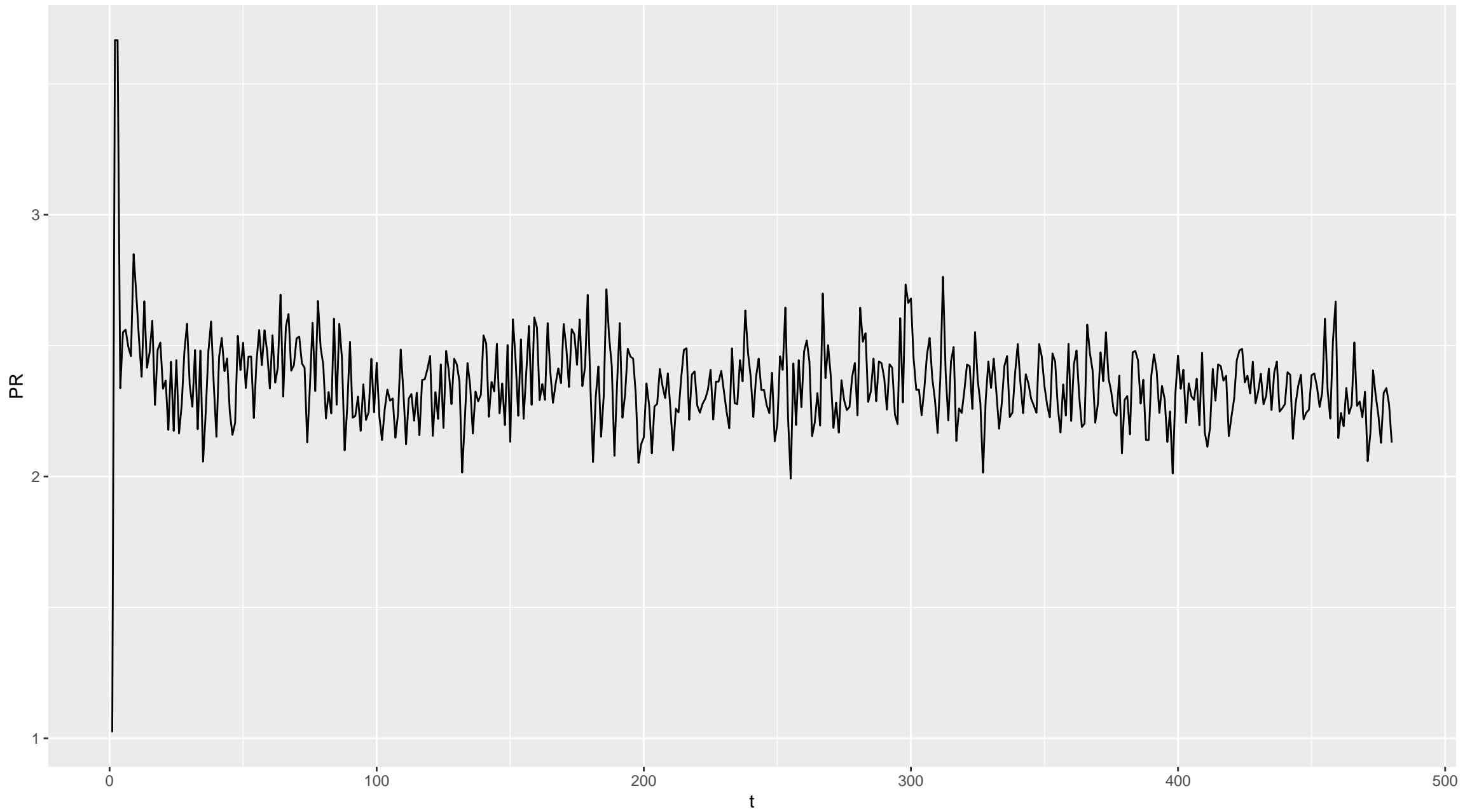**sizes of I state – scenario 5 : 75 %**

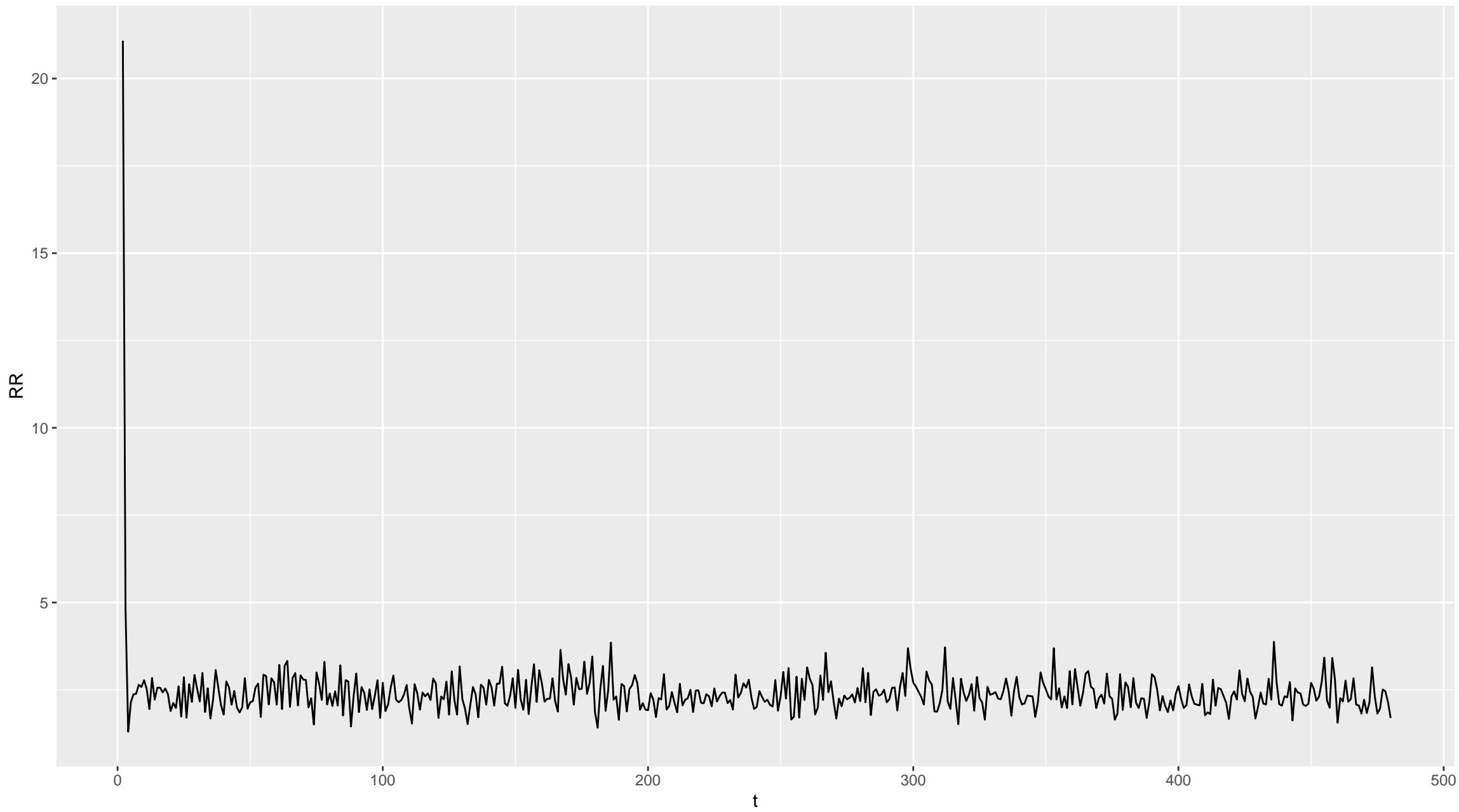prevalence for sub–populations – scenario 5 : 75 %
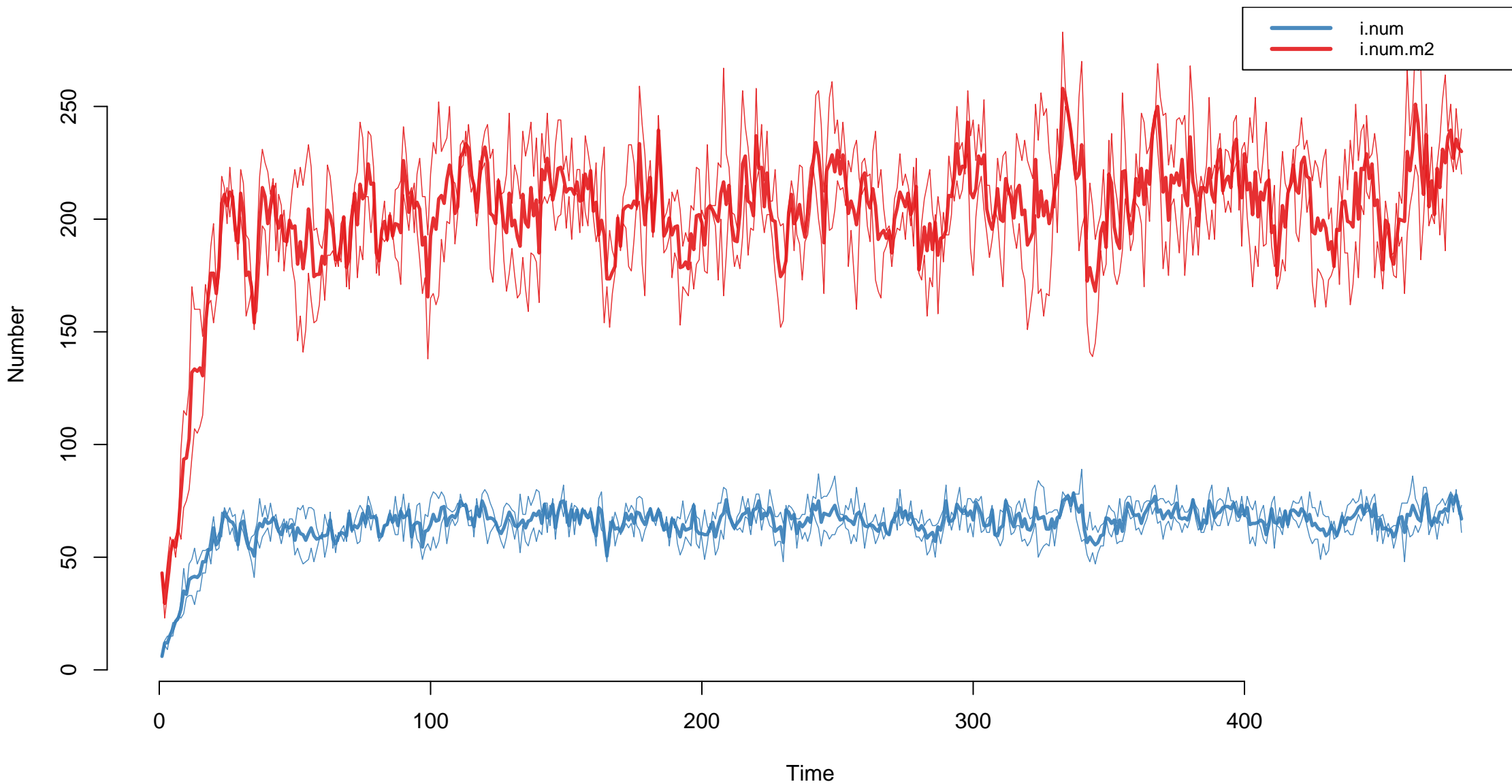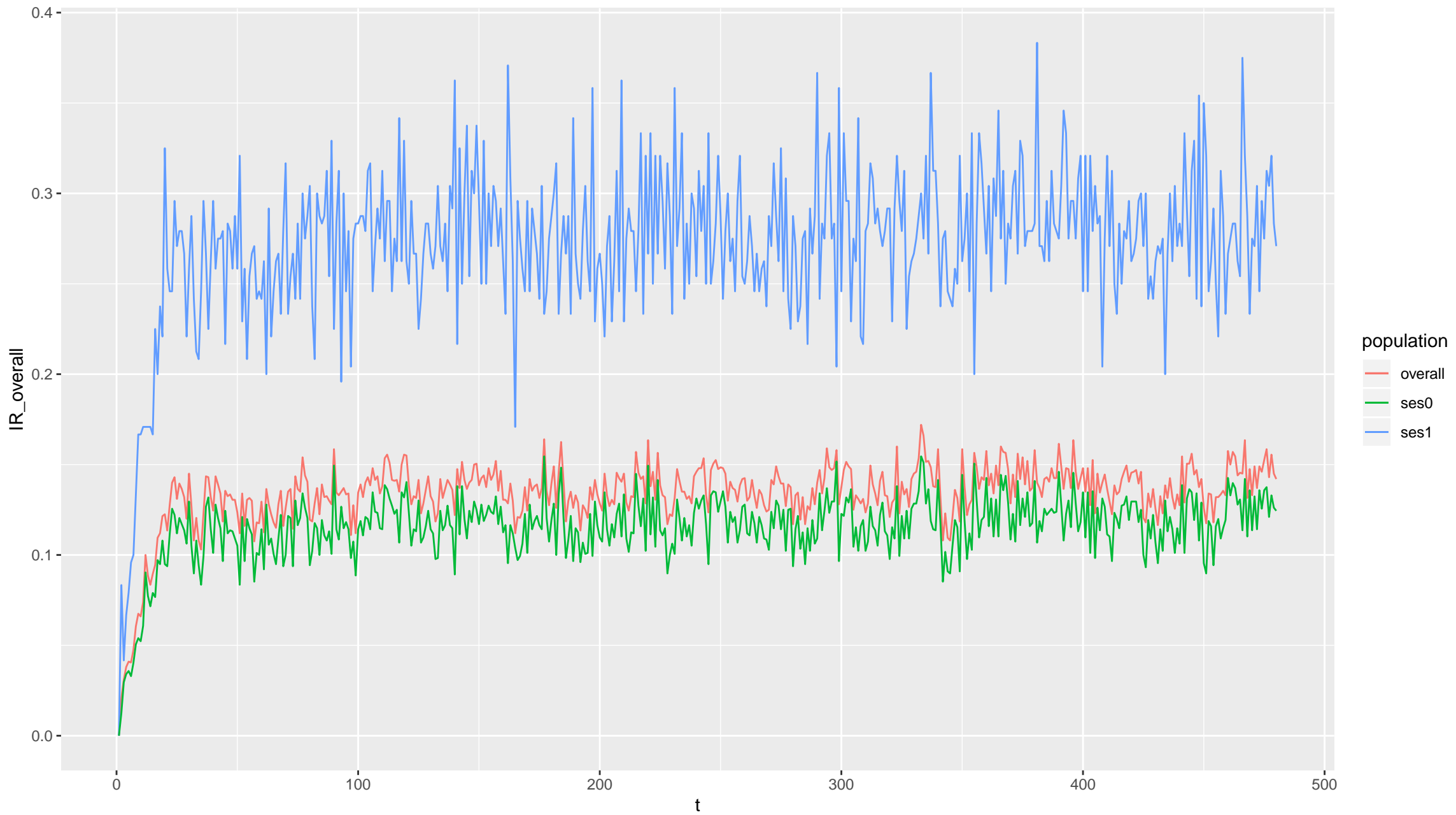
incidence for sub-populations – scenario 5 : 75 %

relative prevalence ses1 to ses0 – scenario 5 : 75 %

relative risk ses1 to ses0 – scenario 5 : 75 %

sizes of I state – scenario 6 : 90 %

Legend:
- i.num
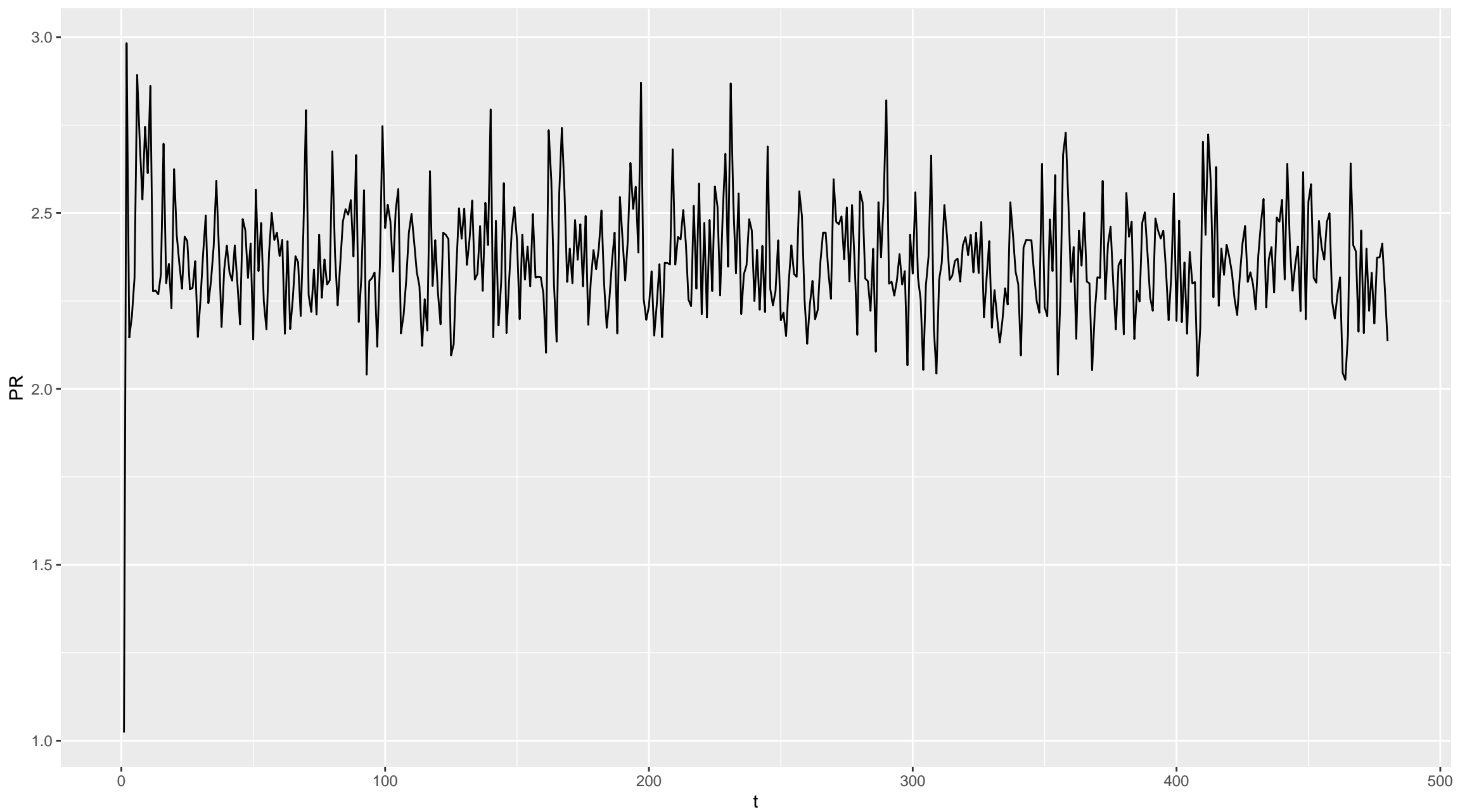- i.num.m2

Y-axis: Number

X-axis: Time

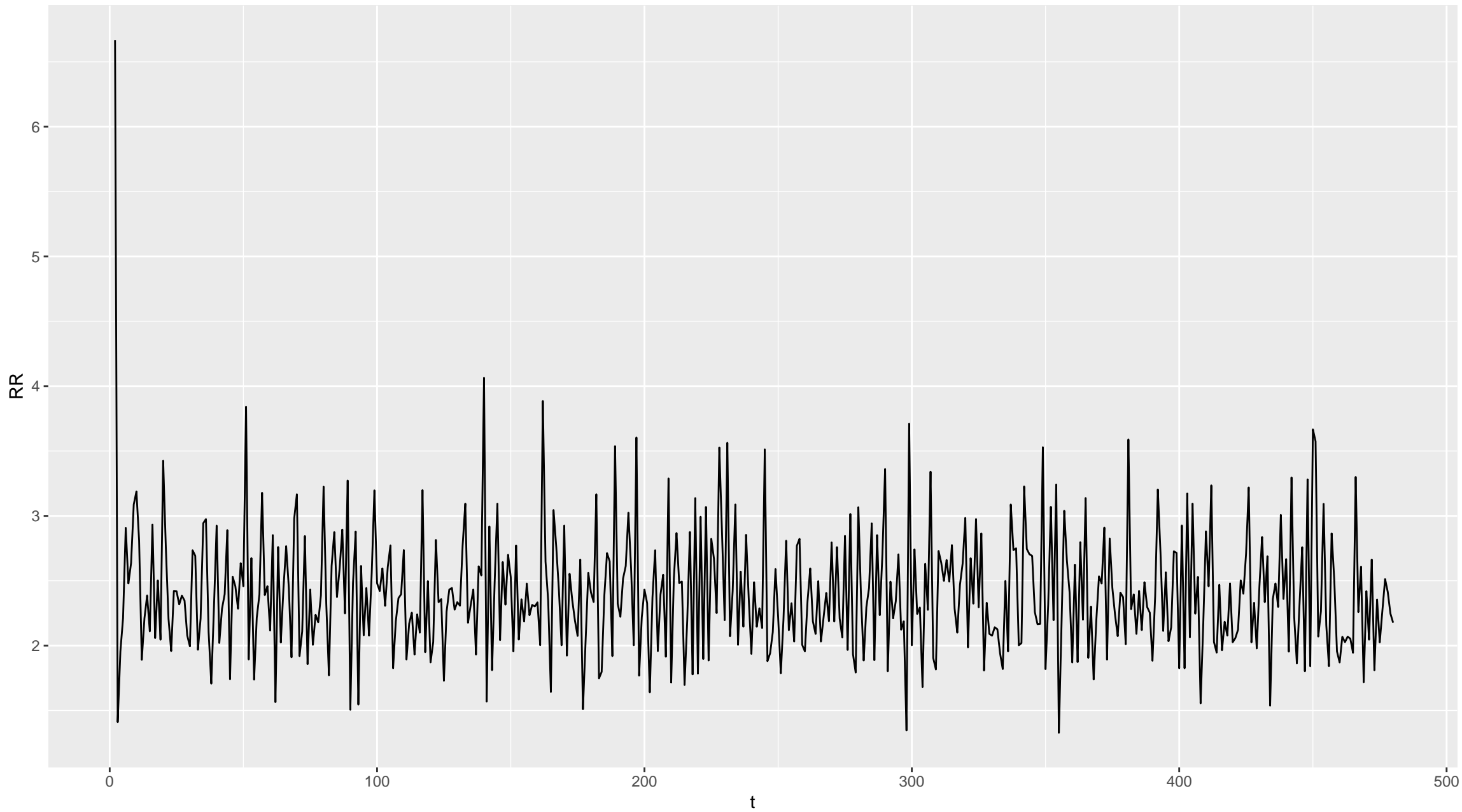prevalence for sub–populations – scenario 6 : 90 %
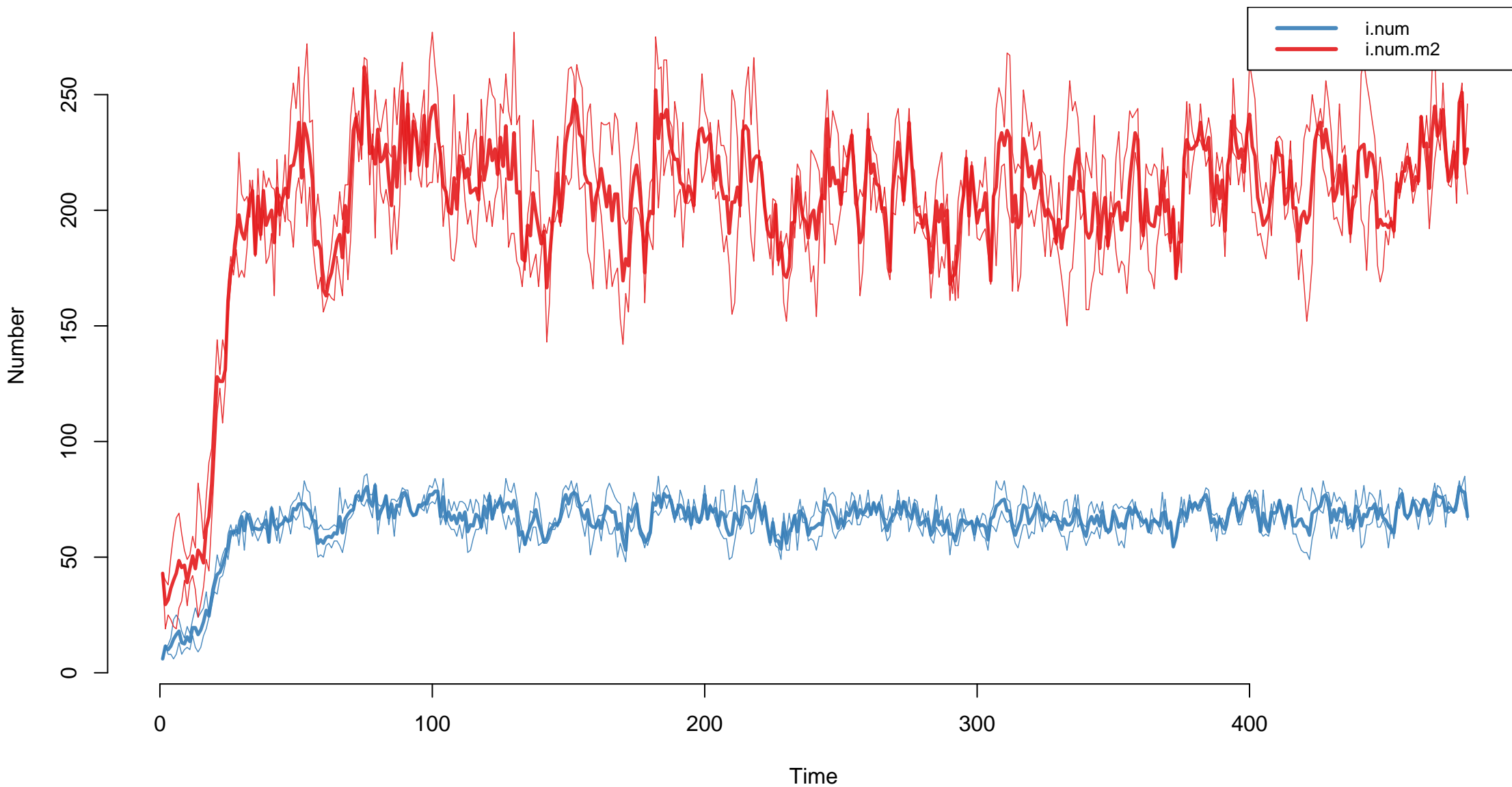
incidence for sub–populations – scenario 6 : 90 %

relative prevalence ses1 to ses0 – scenario 6 : 90 %

relative risk ses1 to ses0 – scenario 6 : 90 %

sizes of I state – scenario 7 : 100 %

Legend:
- i.num
- i.num.m2

Y-axis: Number

X-axis: Time

prevalence for sub−populations − scenario 7 : 100 %

incidence for sub-populations – scenario 7 : 100 %
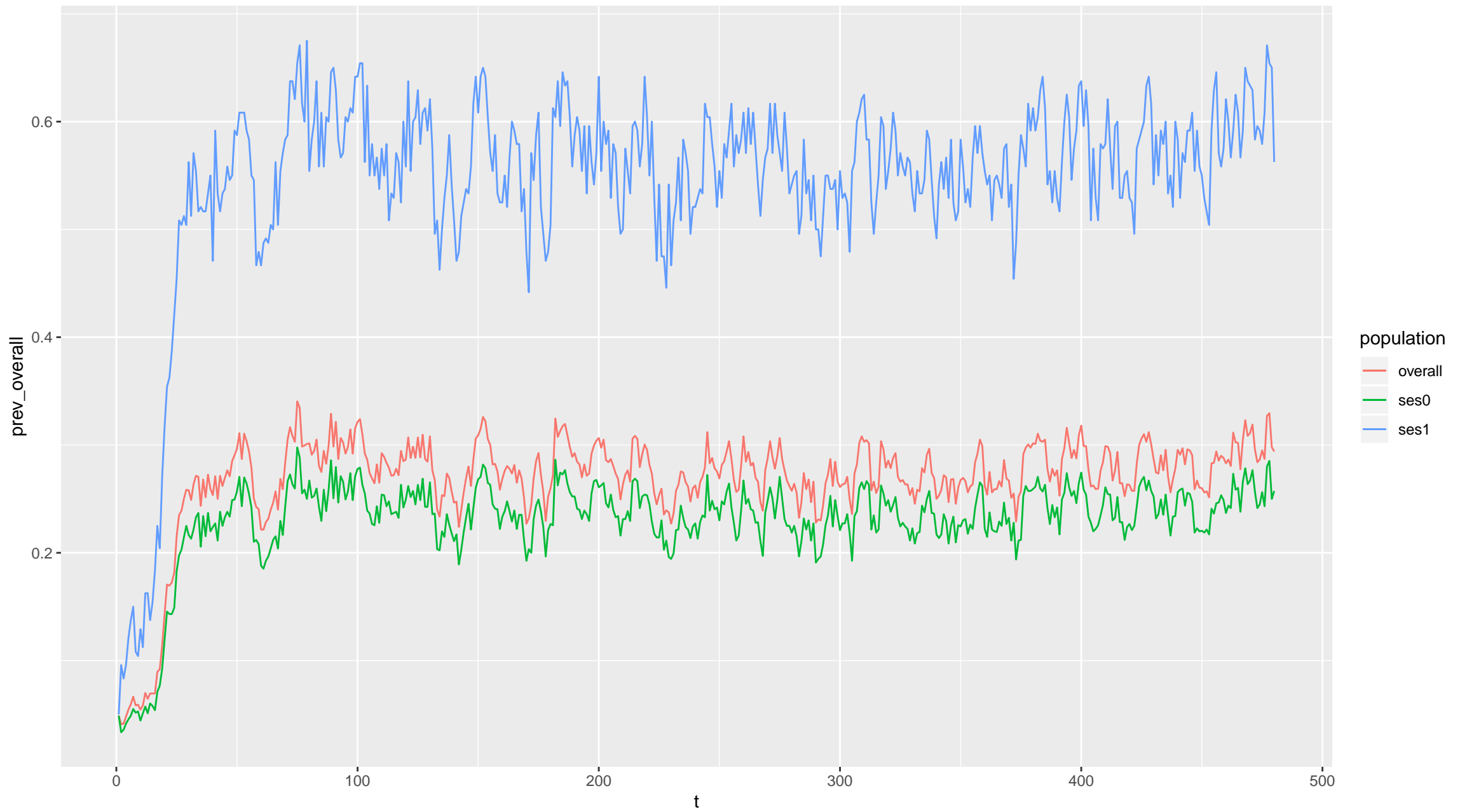
relative prevalence ses1 to ses0 – scenario 7 : 100 %

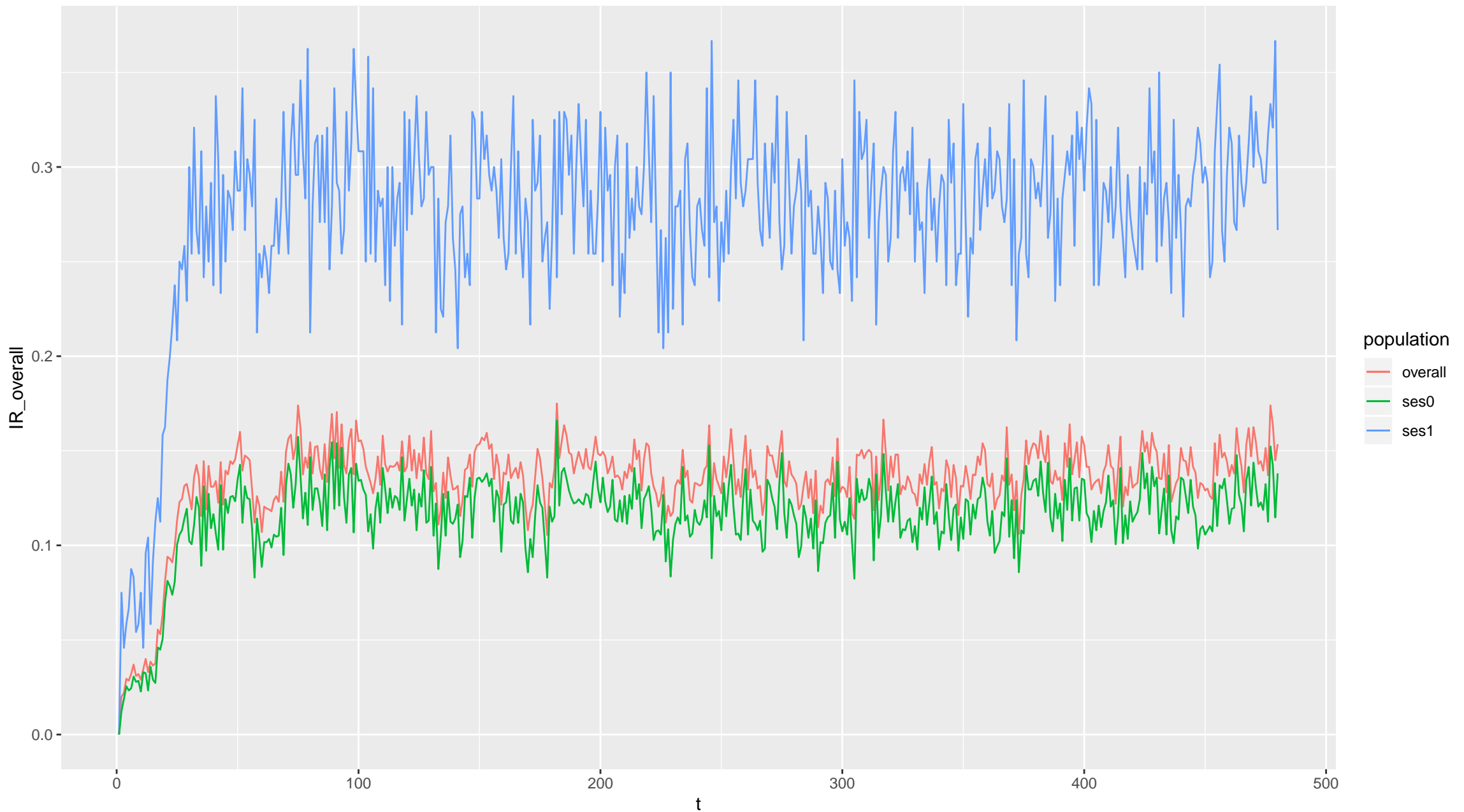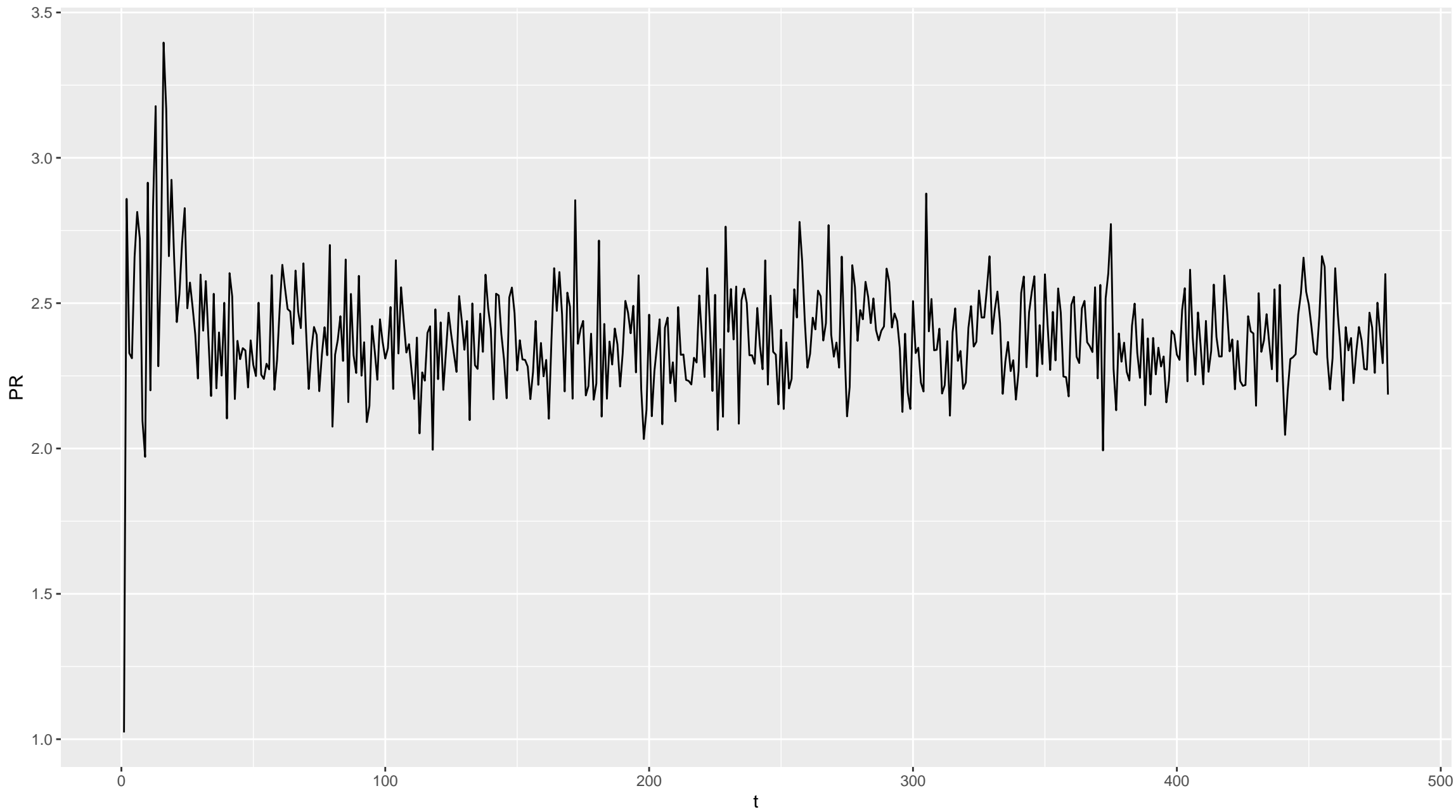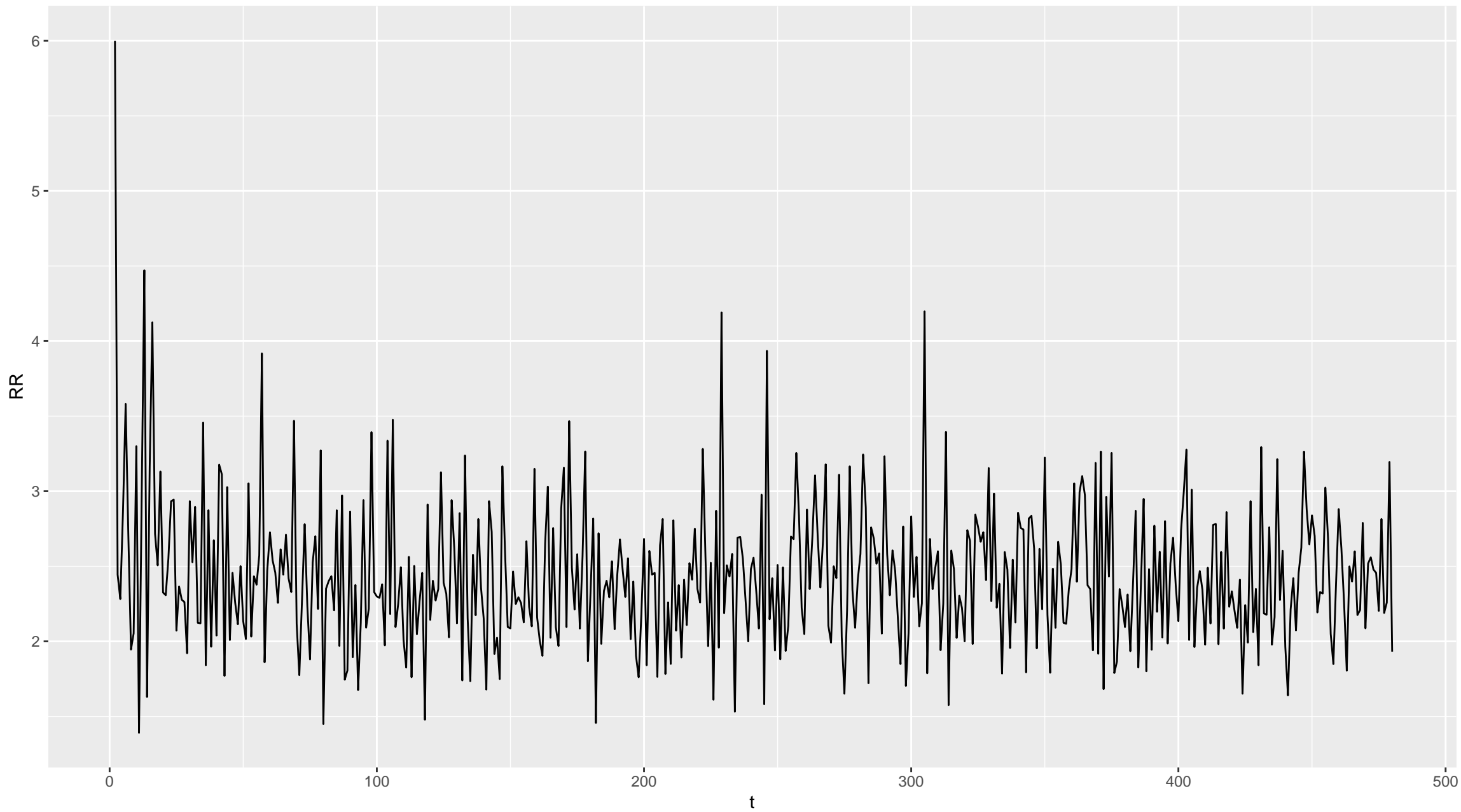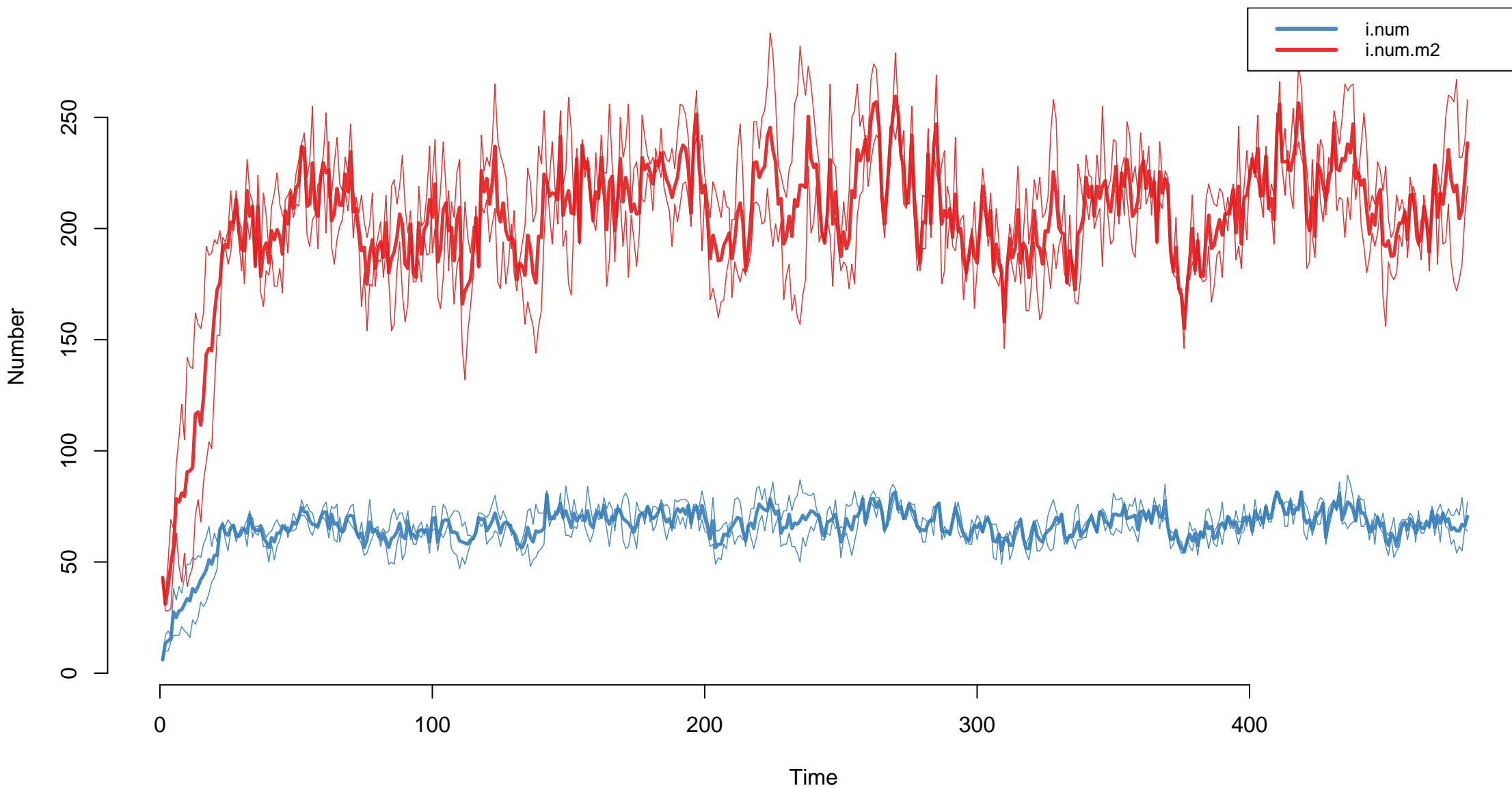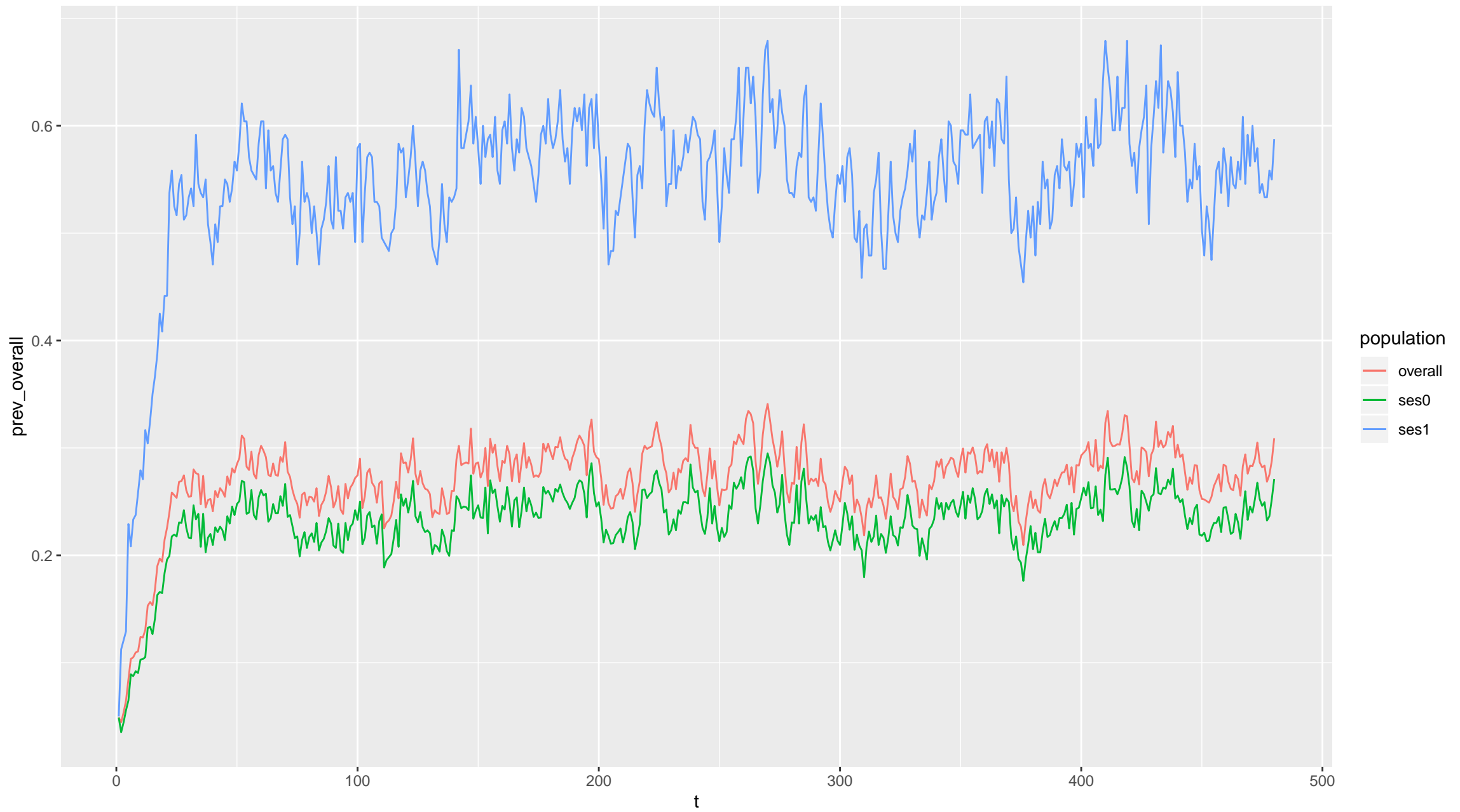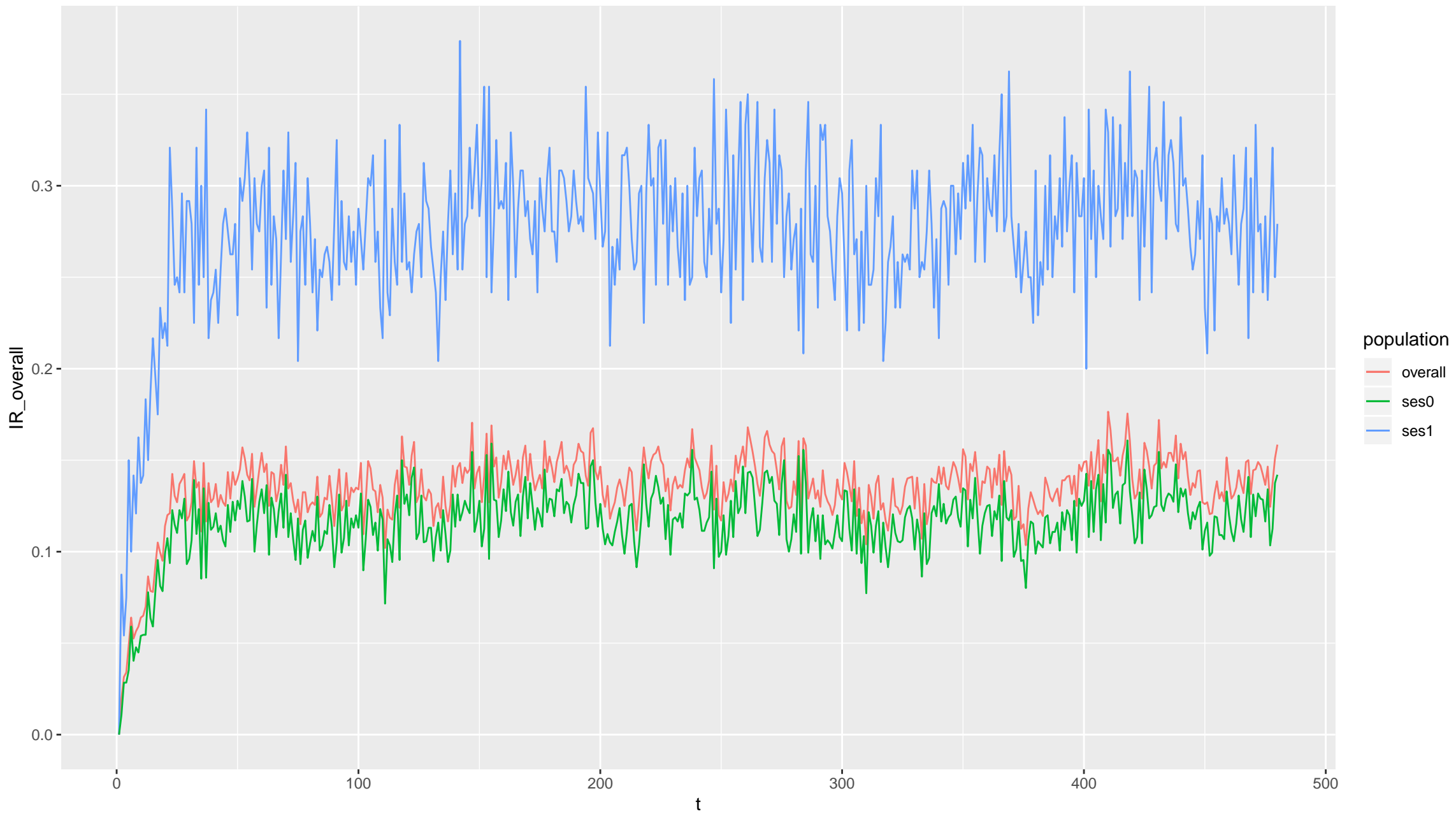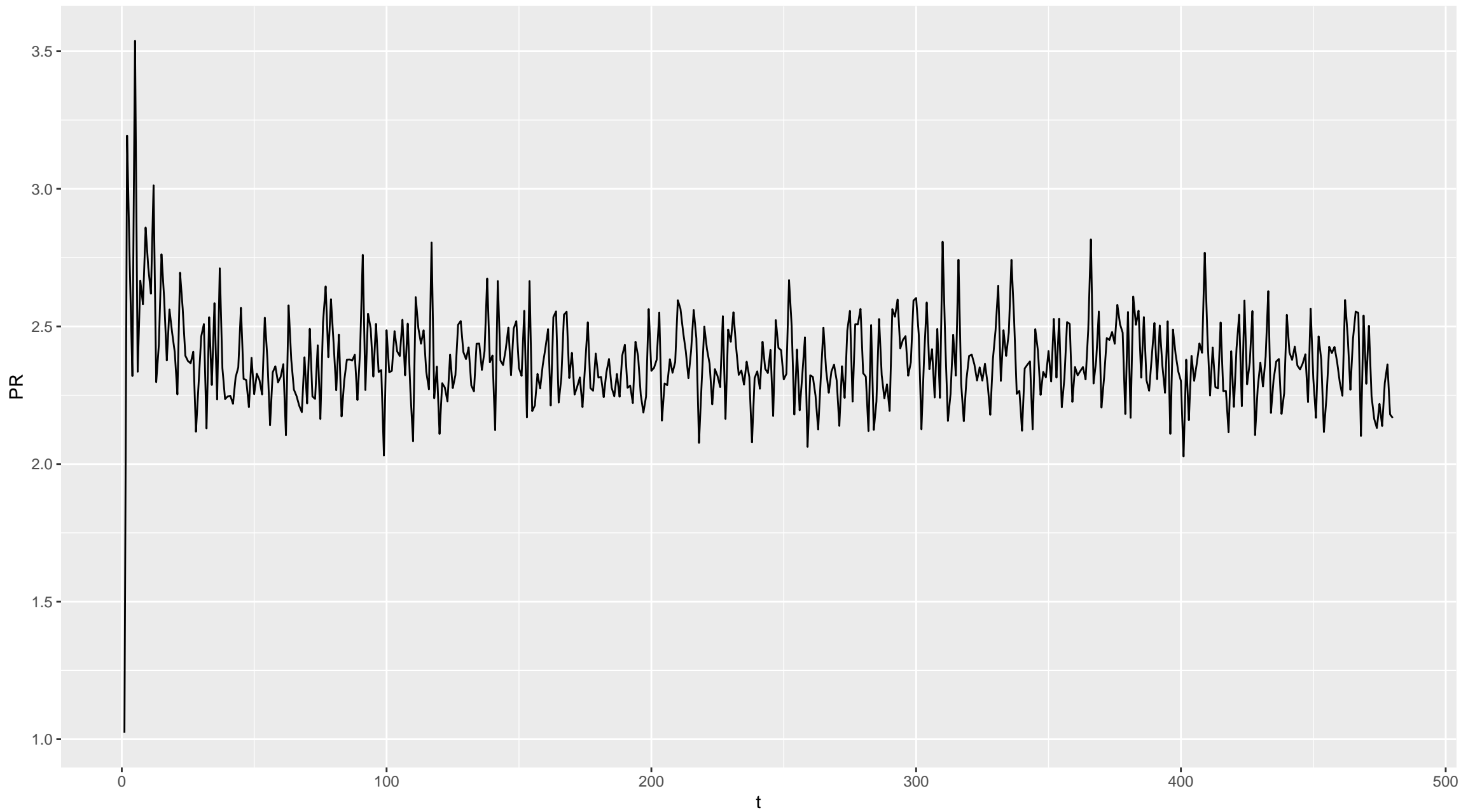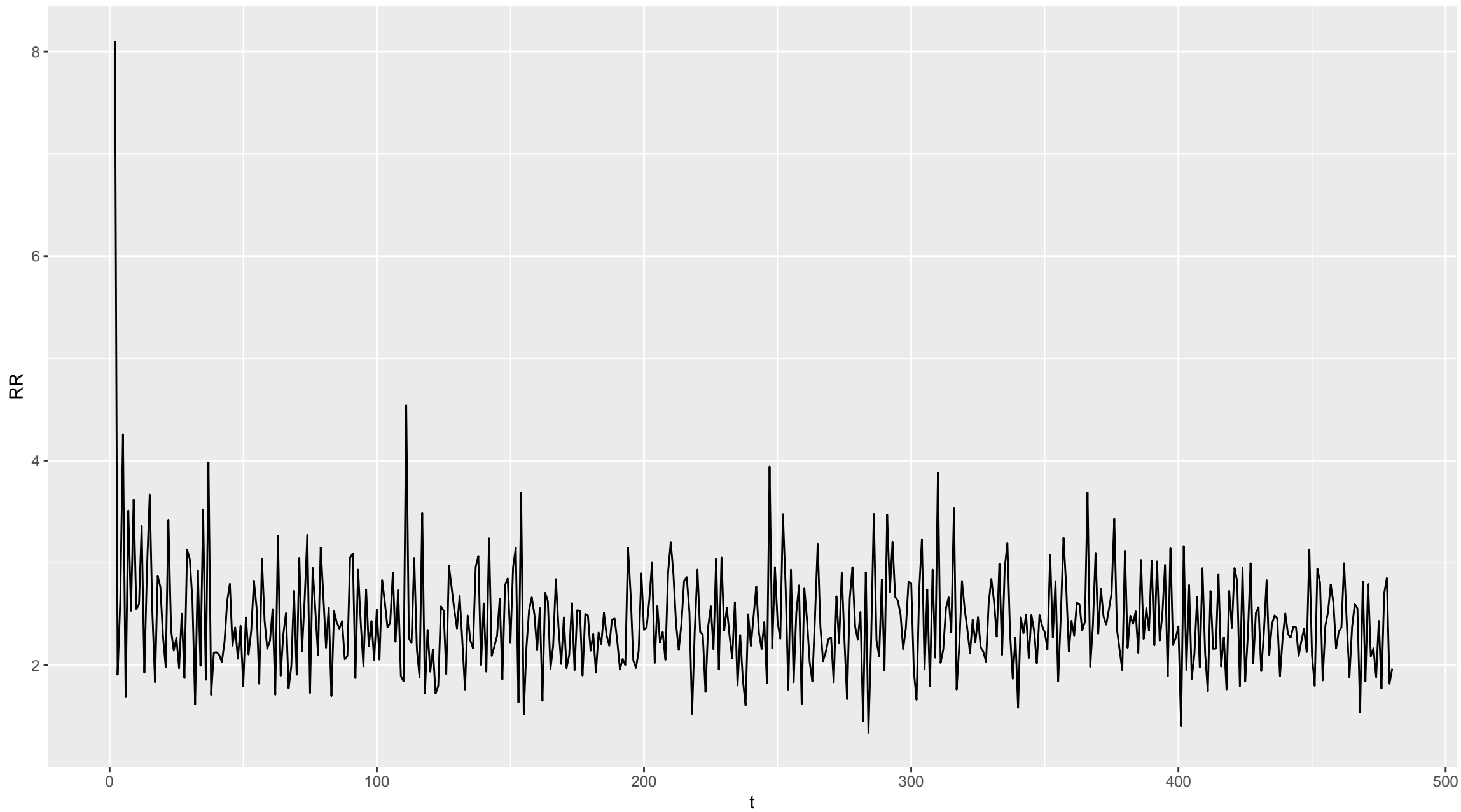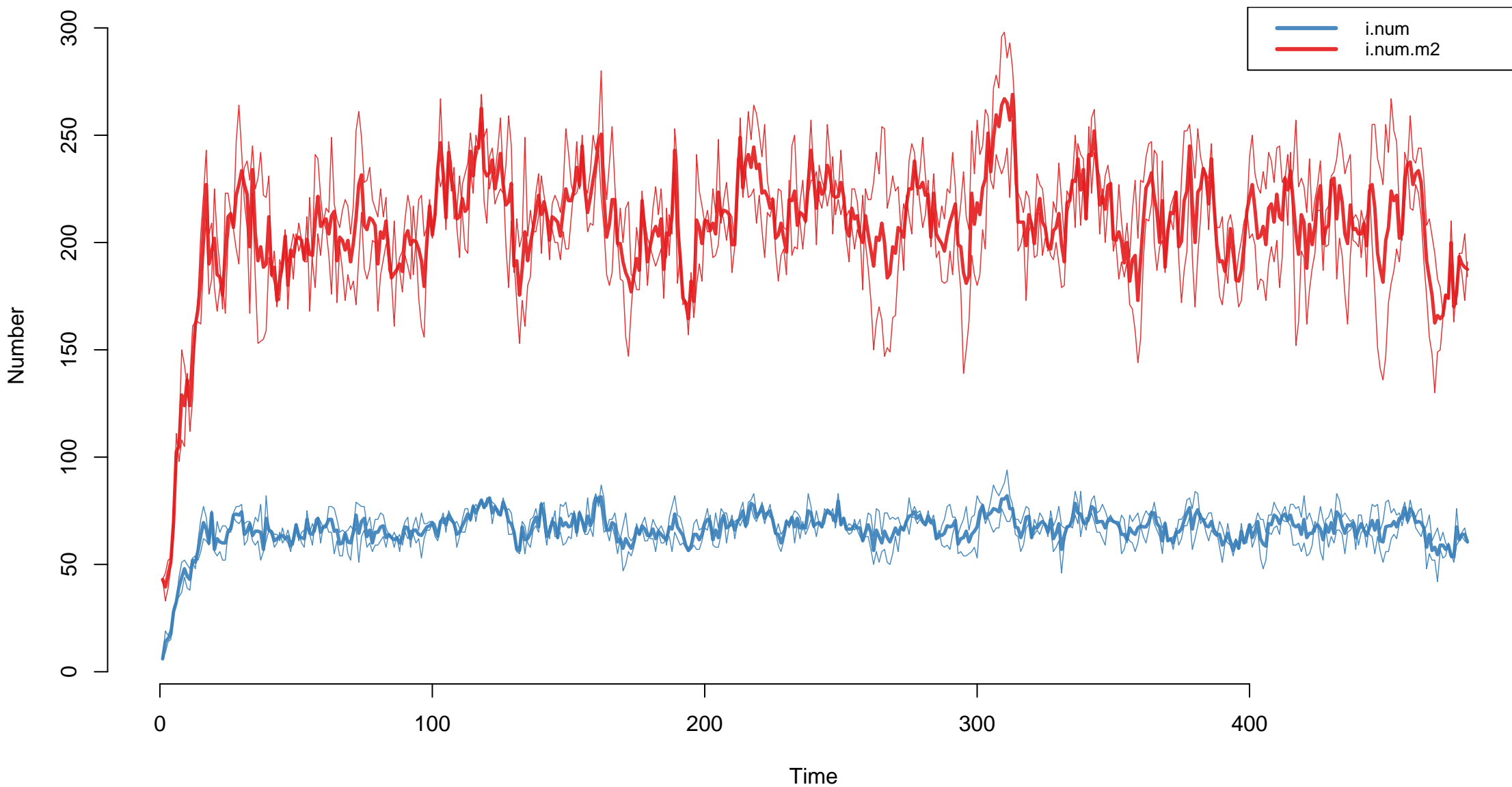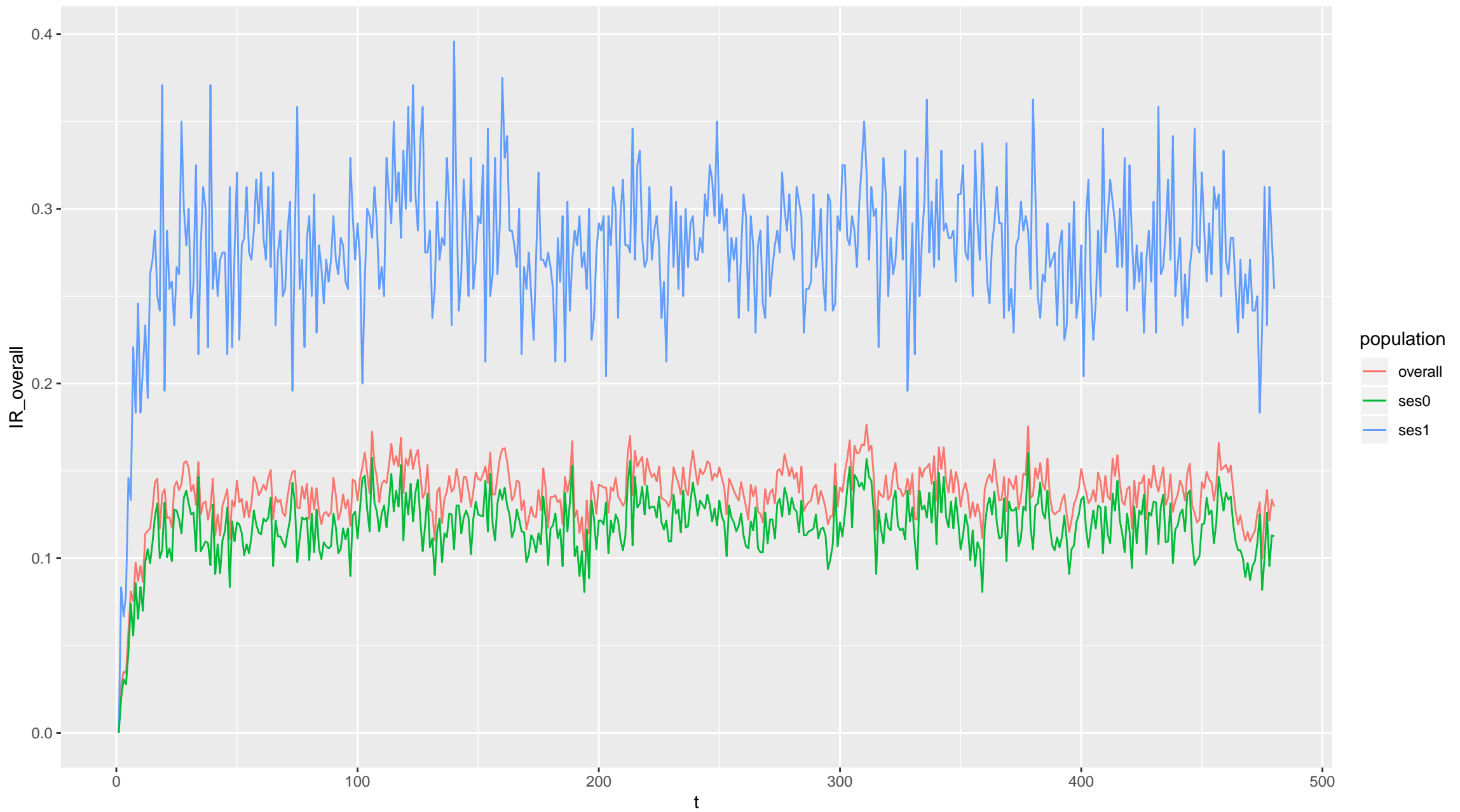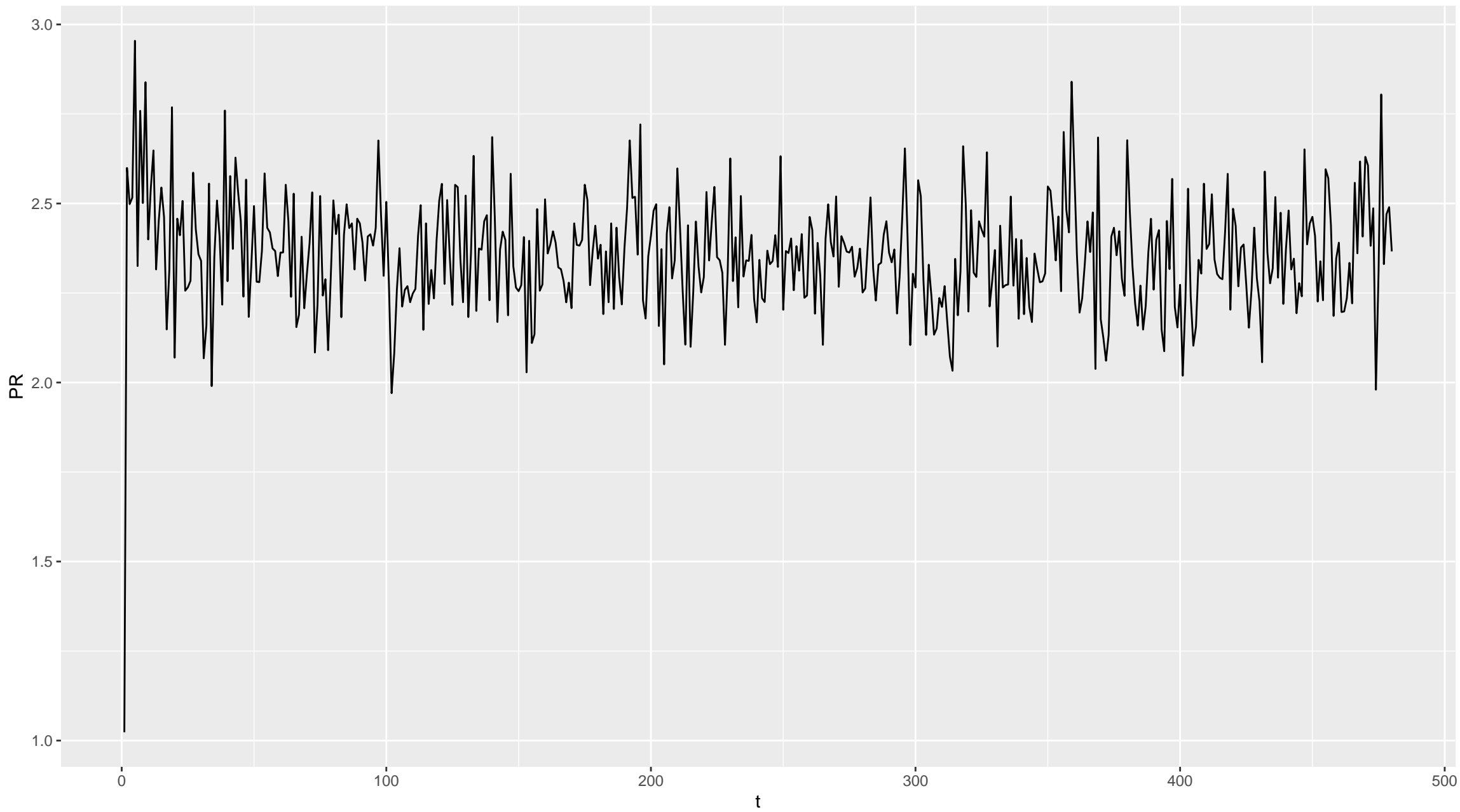relative risk ses1 to ses0 – scenario 7 : 100 %
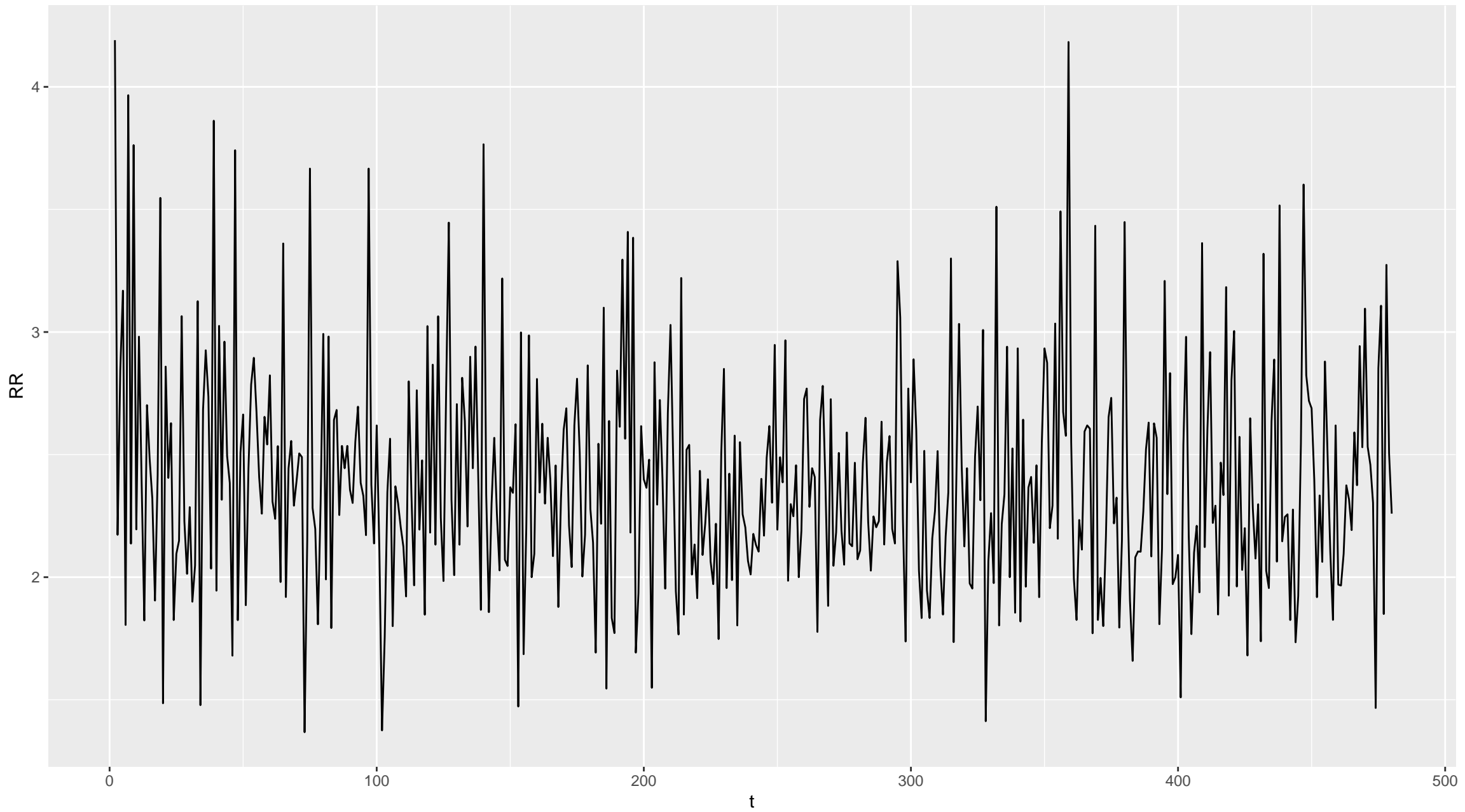
	scenario	overall_prev_mean	overall_prev_sd	ses1_prev_mean	ses1_prev_sd	ses0_prev_mean	ses0_prev_sd	PR_mean	PR_sd
1	1	0.271	0.022	0.553	0.044	0.232	0.021	2.39	0.151
2	2	0.276	0.021	0.557	0.043	0.237	0.019	2.353	0.135
3	3	0.291	0.017	0.58	0.029	0.251	0.017	2.314	0.116
4	4	0.28	0.019	0.565	0.036	0.241	0.018	2.356	0.146
5	5	0.287	0.019	0.581	0.039	0.246	0.017	2.364	0.128
6	6	0.283	0.021	0.572	0.043	0.243	0.019	2.355	0.144
7	7	0.272	0.022	0.55	0.044	0.235	0.021	2.351	0.154

	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	0.137	0.02	0.278	0.045	0.118	0.02	2.409	0.486
2	2	0.137	0.019	0.276	0.044	0.118	0.019	2.395	0.48
3	3	0.138	0.021	0.276	0.044	0.119	0.02	2.415	0.964
4	4	0.134	0.019	0.272	0.044	0.115	0.019	2.409	0.496
5	5	0.134	0.024	0.275	0.052	0.115	0.023	2.438	0.493
6	6	0.135	0.02	0.275	0.044	0.116	0.02	2.433	0.539
7	7	0.137	0.018	0.277	0.041	0.118	0.018	2.389	0.465