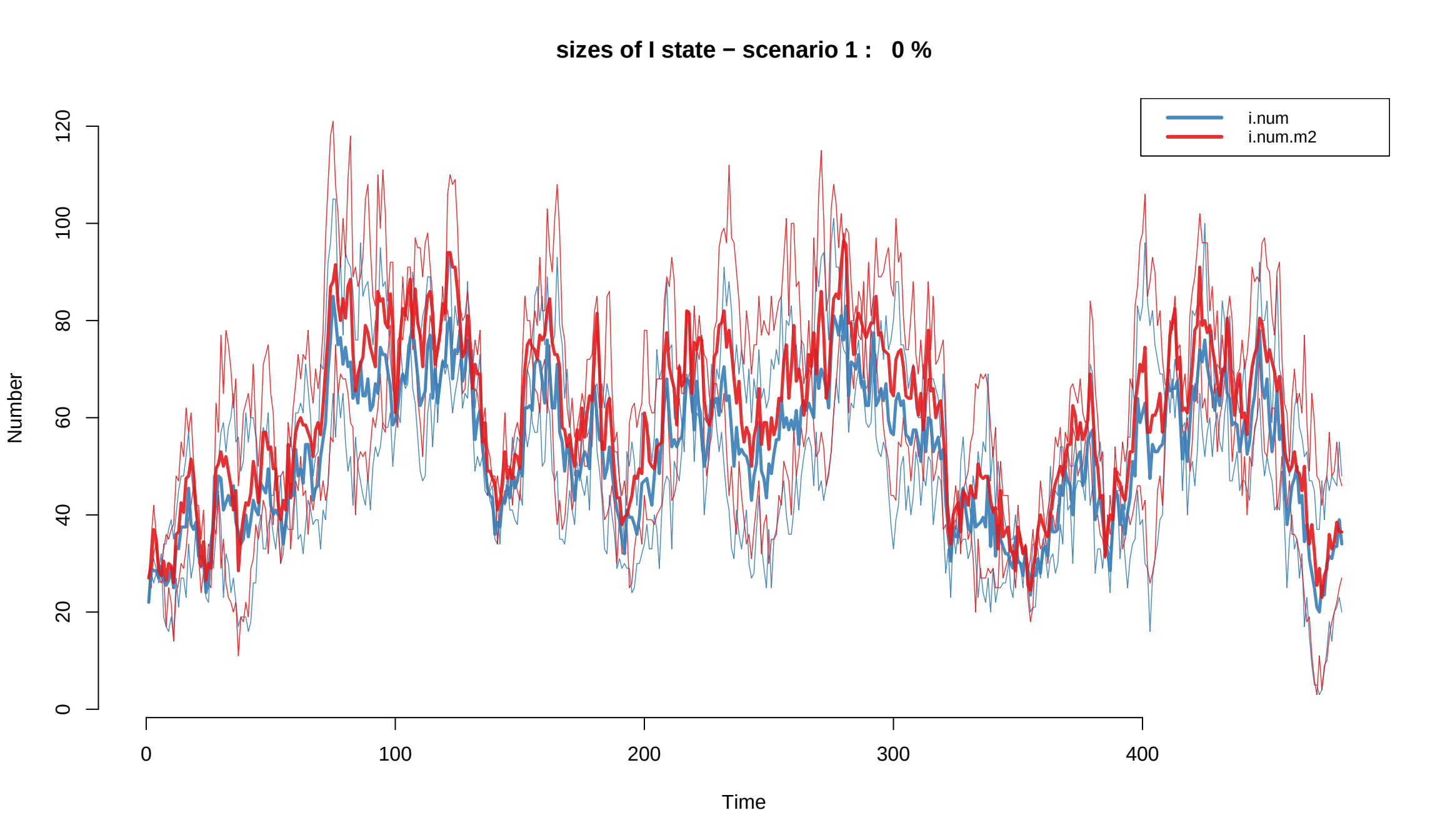
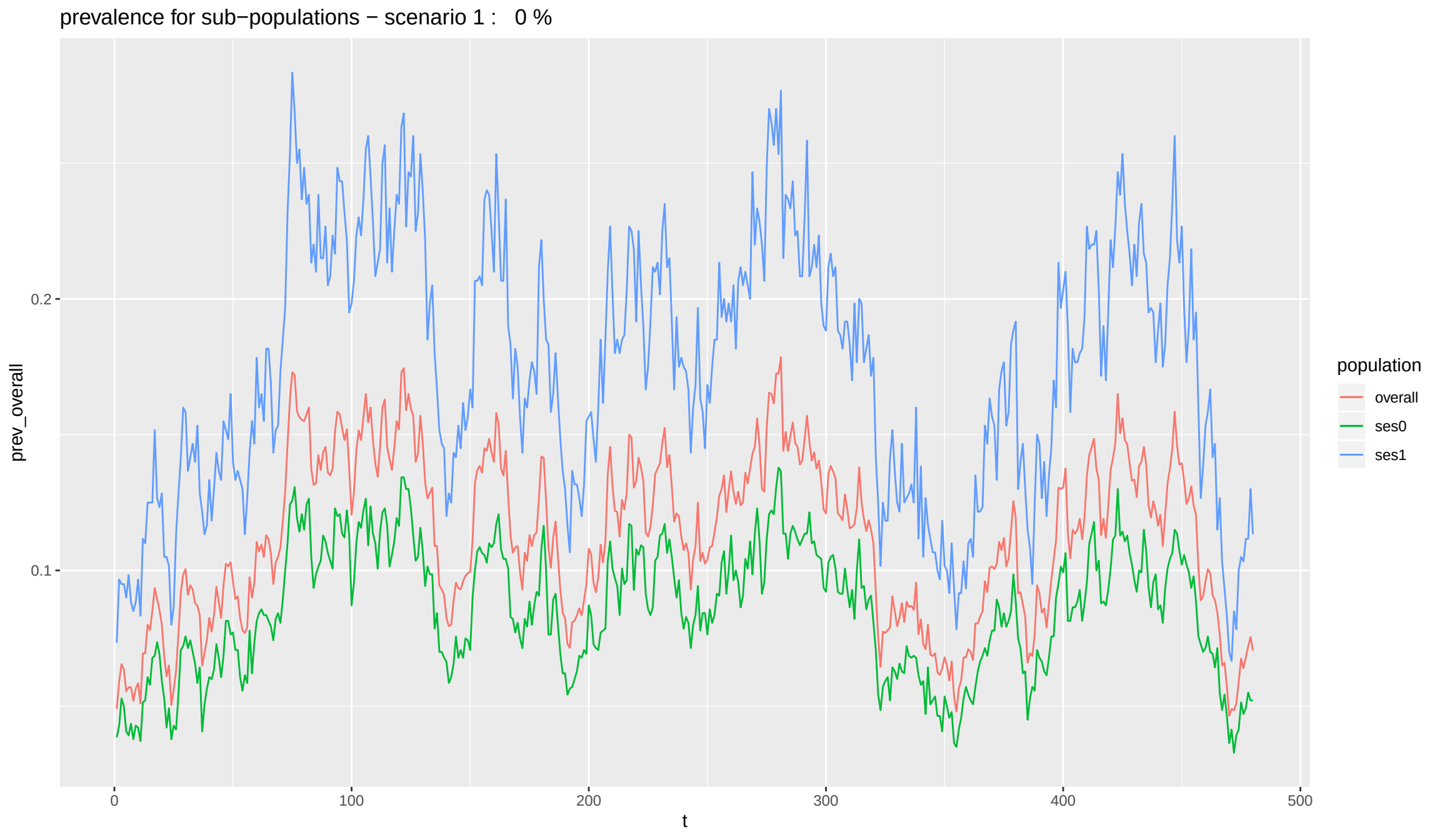
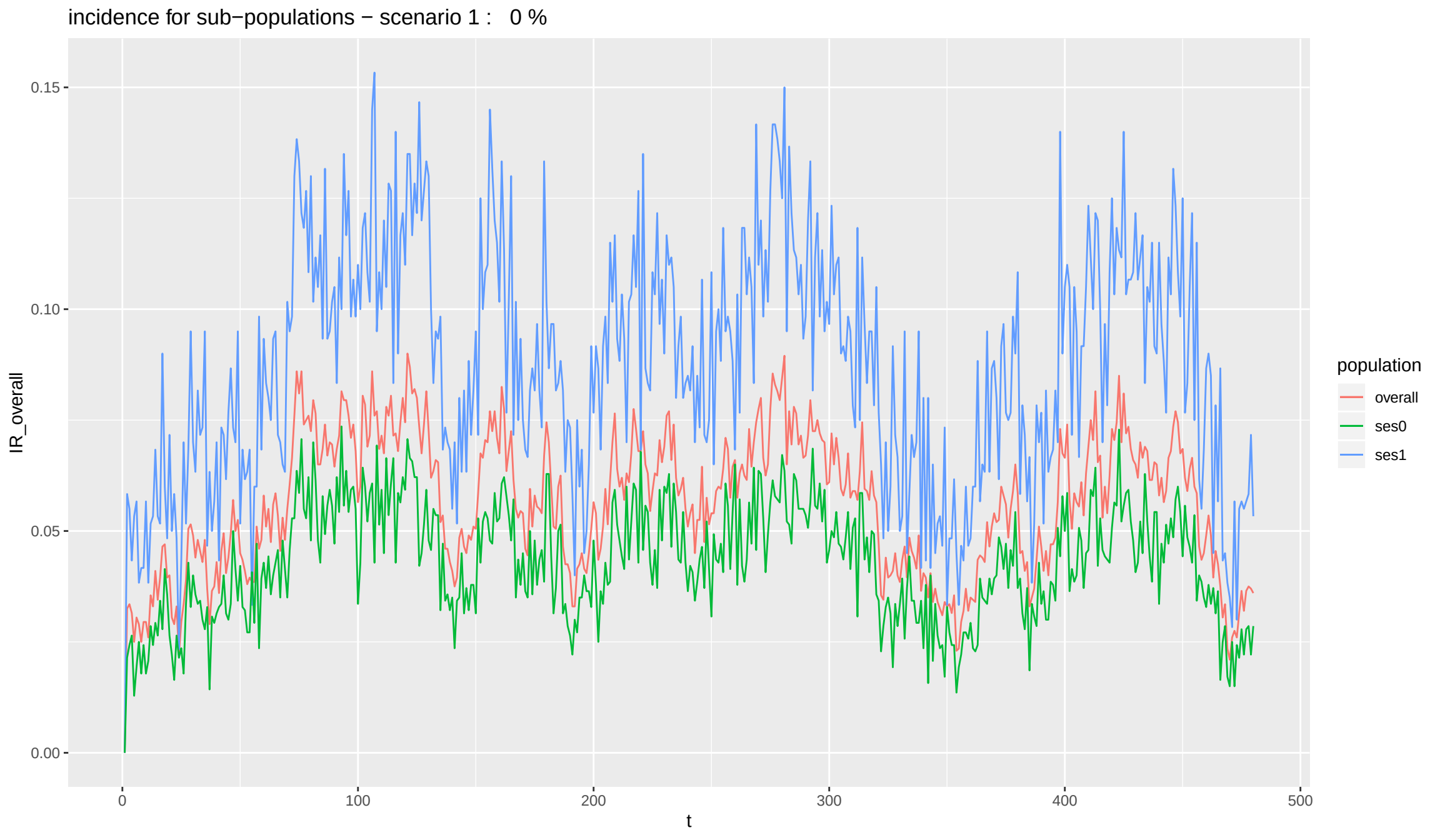
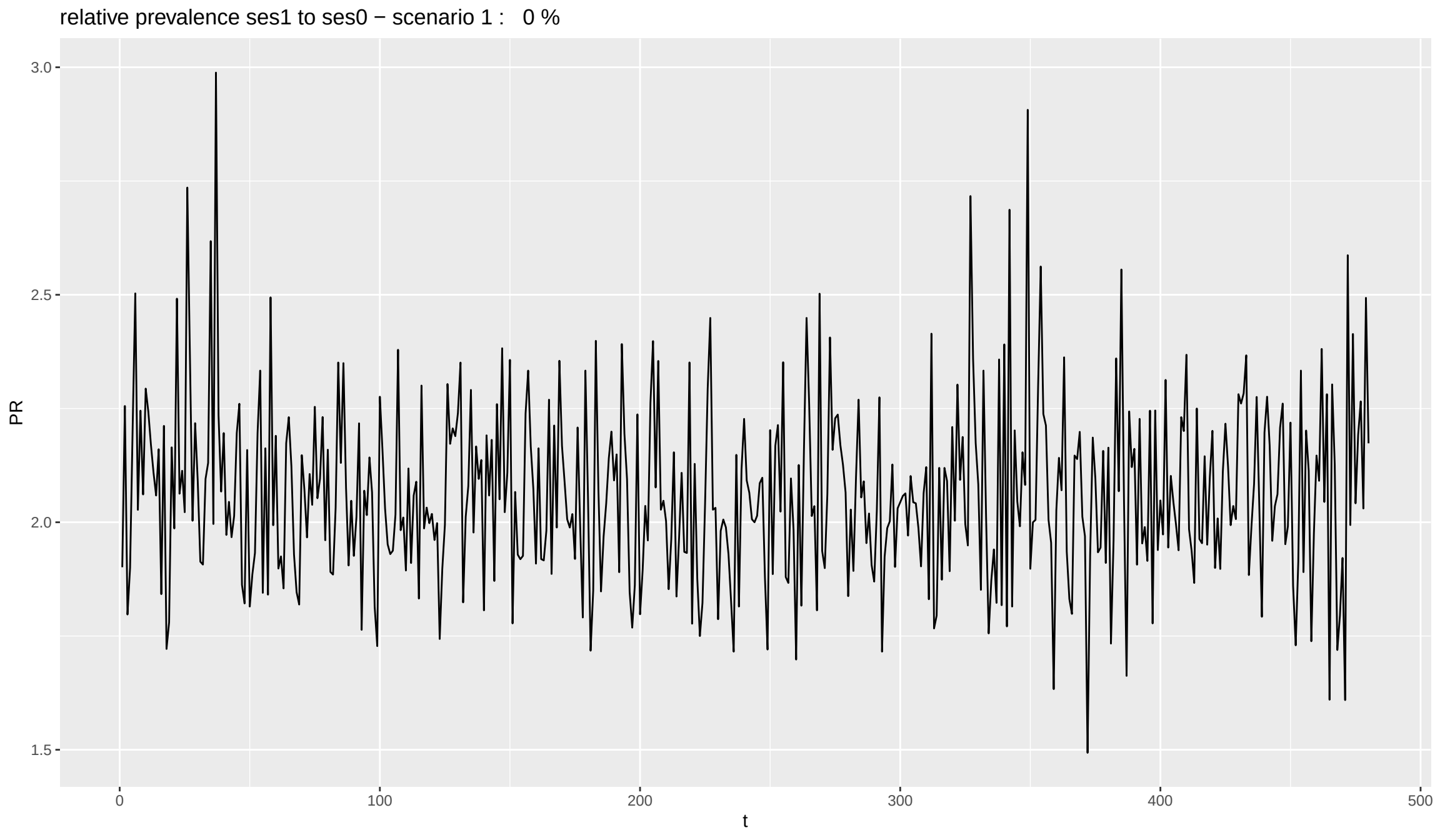
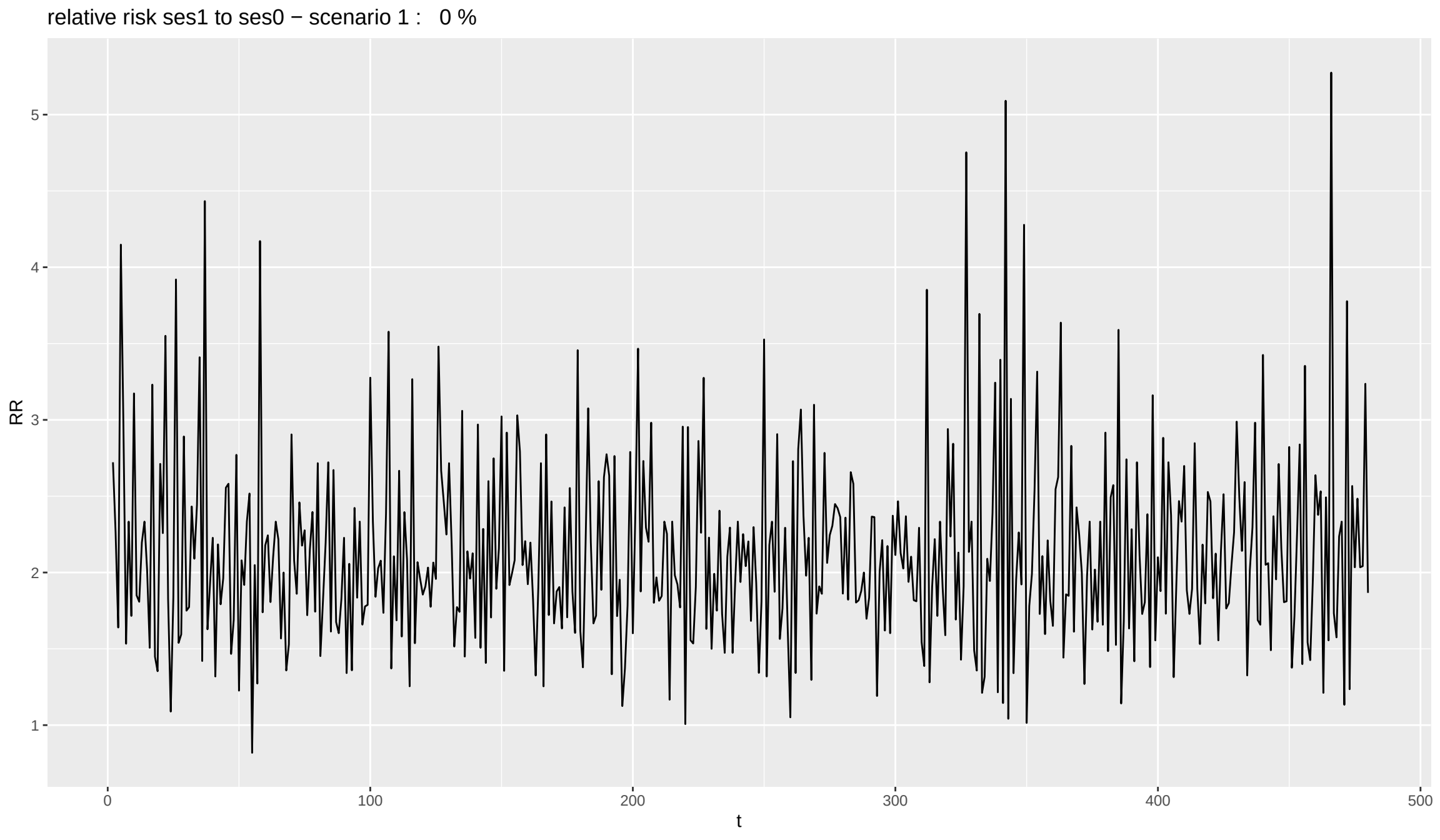
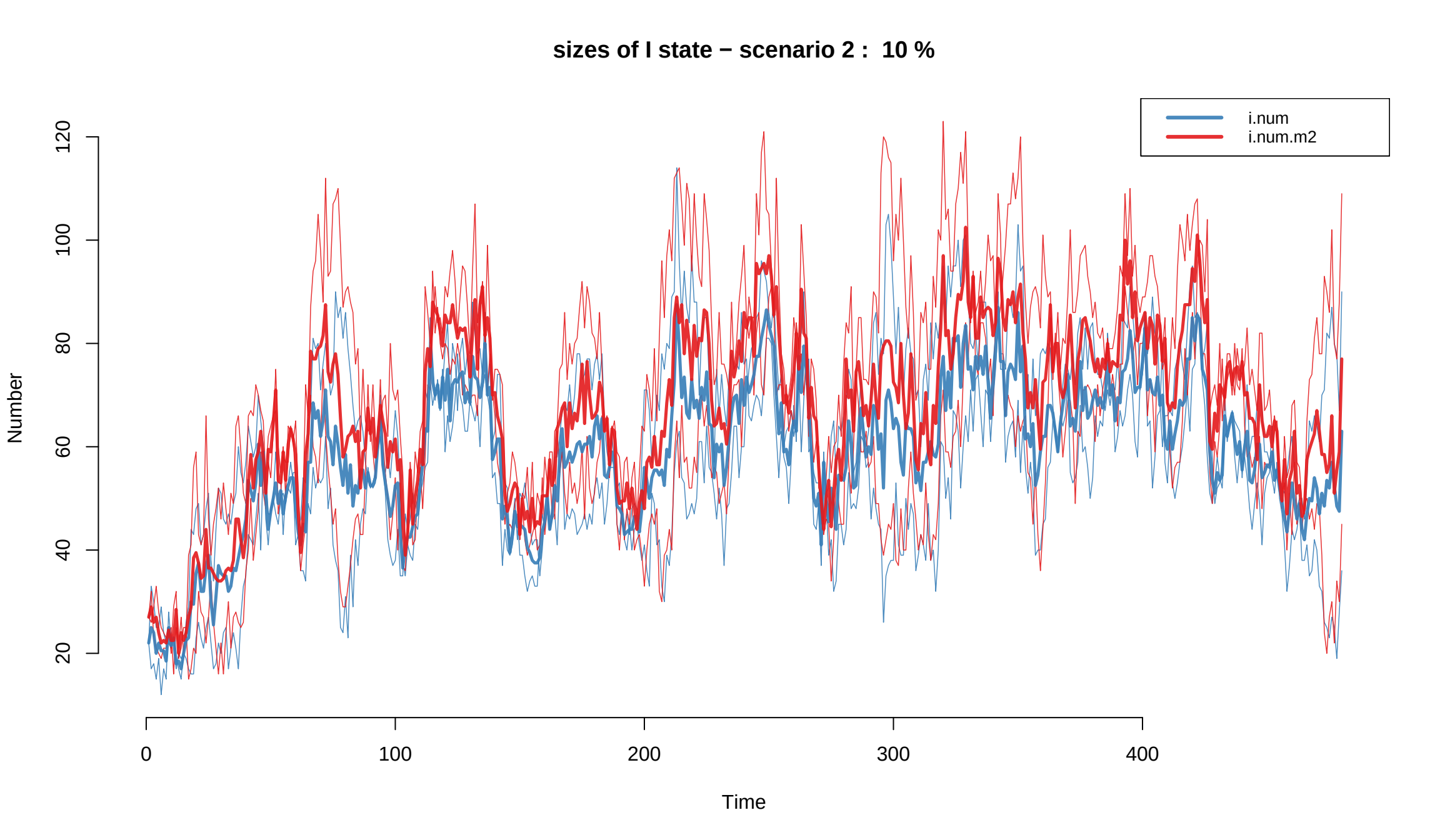

sizes of I state − scenario 1 : 0 %
i.num
i.num.m2
Number
0
20
40
60
80
100
120
0
100
200
300
400
Time

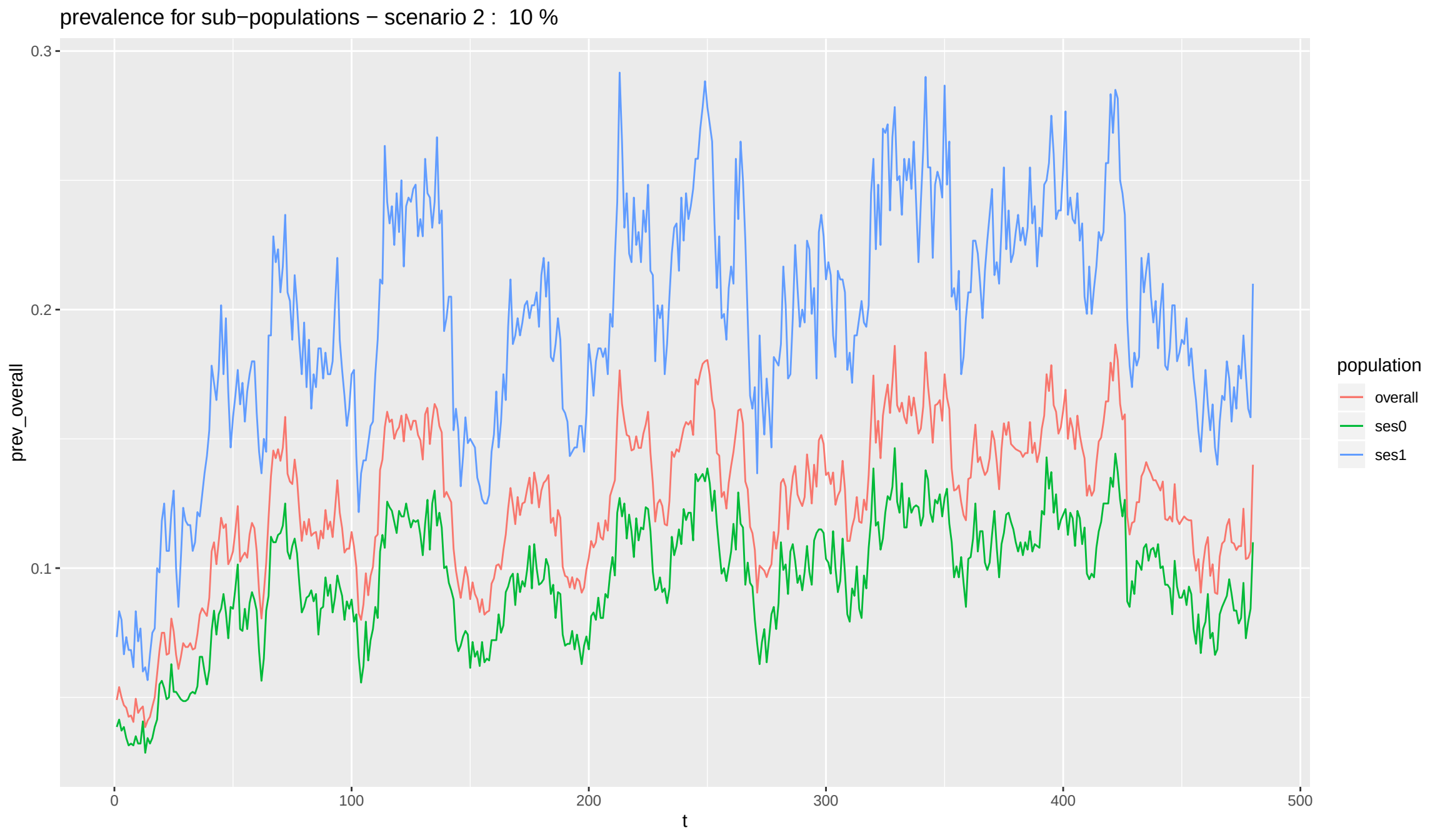

prevalence for sub−populations − scenario 1 : 0 %
prev_overall
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1


incidence for sub−populations − scenario 1 : 0 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

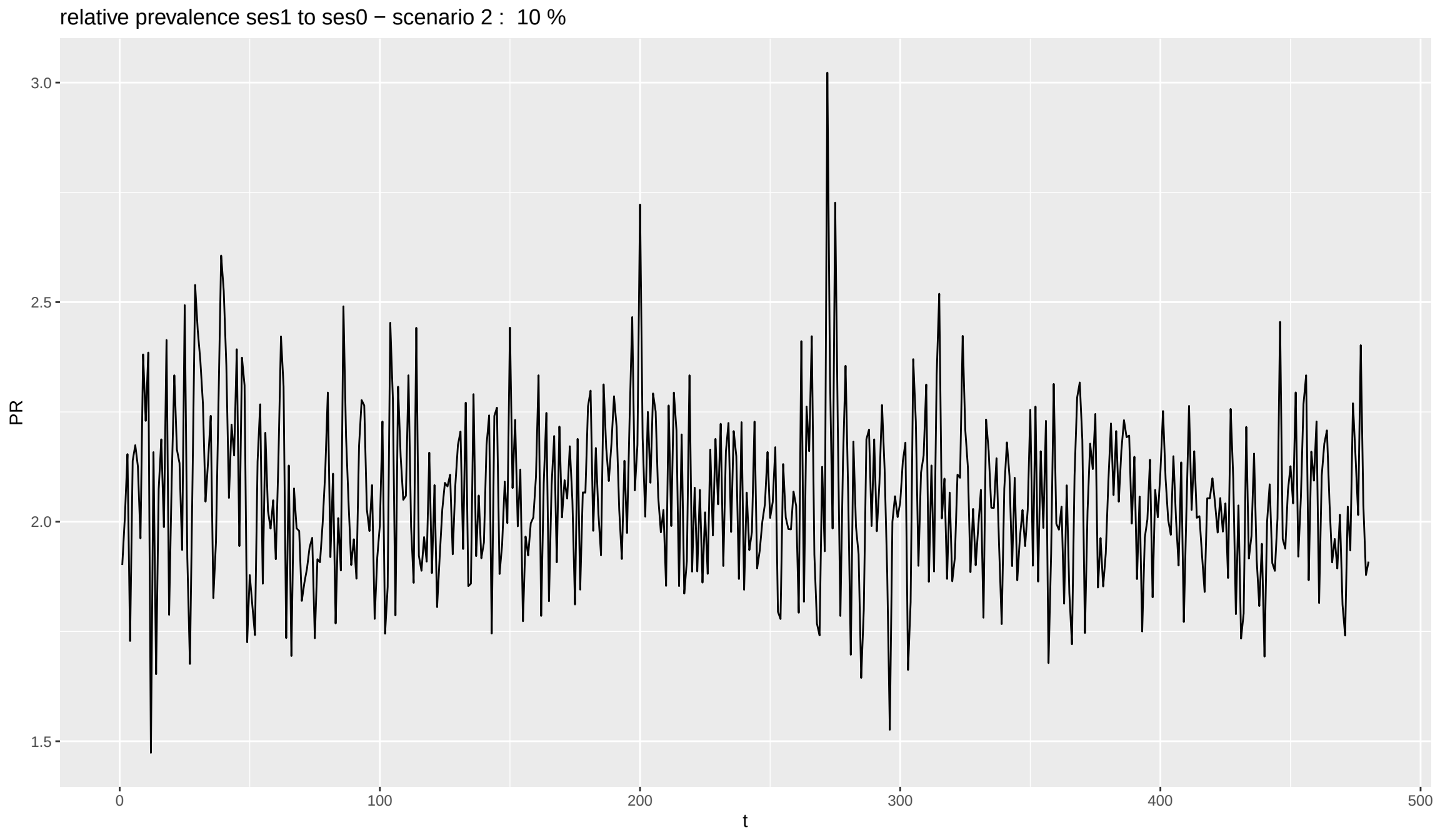

relative prevalence ses1 to ses0 − scenario 1 : 0 %
PR
3.0
2.5
2.0
1.5
0
100
200
300
400
500
t

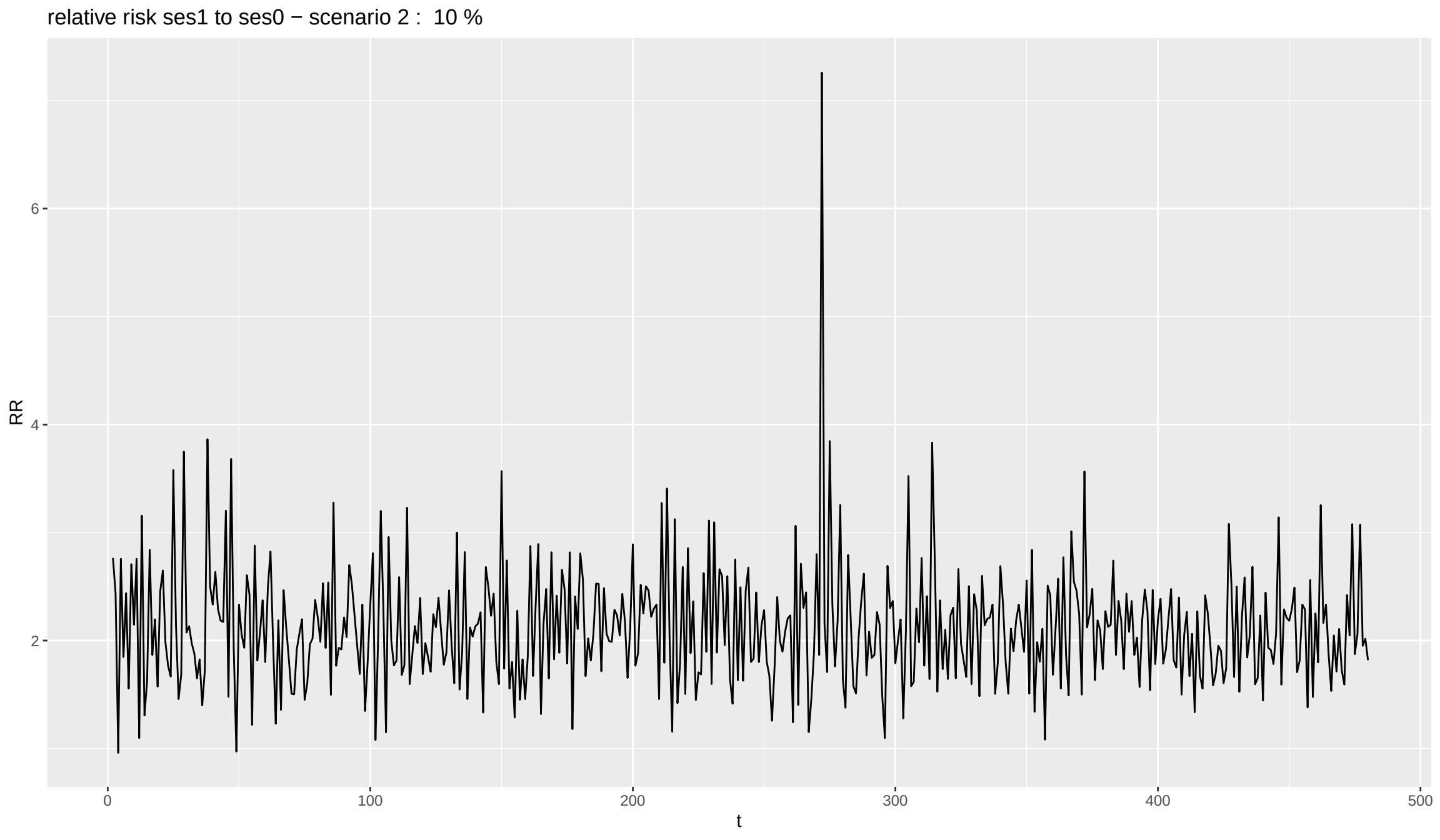

relative risk ses1 to ses0 − scenario 1 : 0 %
RR
t
1
2
3
4
5
0
100
200
300
400
500

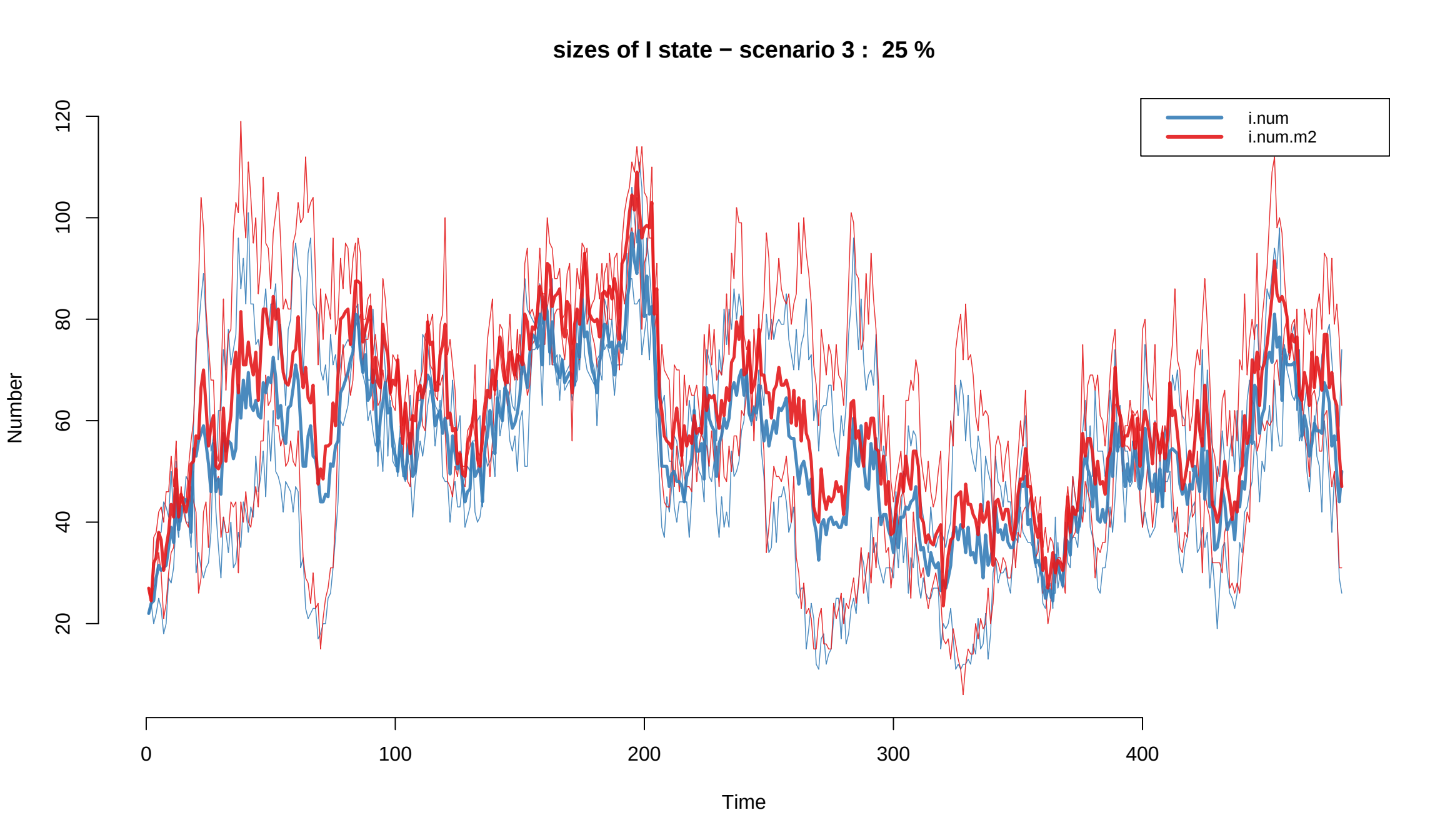

sizes of I state − scenario 2 : 10 %
i.num
i.num.m2
Number
20
40
60
80
100
120
0
100
200
300
400
Time

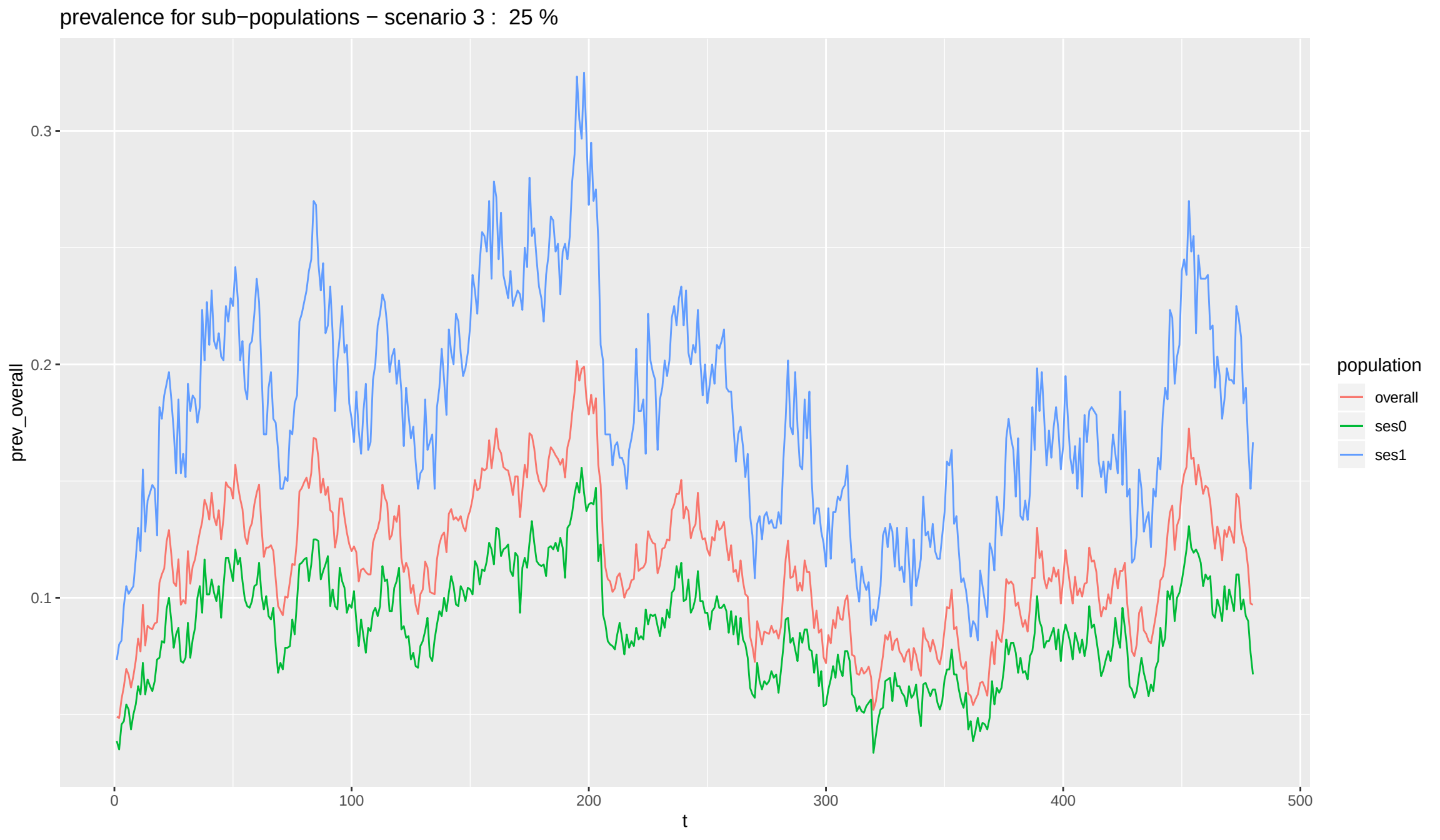

prevalence for sub−populations − scenario 2 : 10 %
prev_overall
0.3
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1

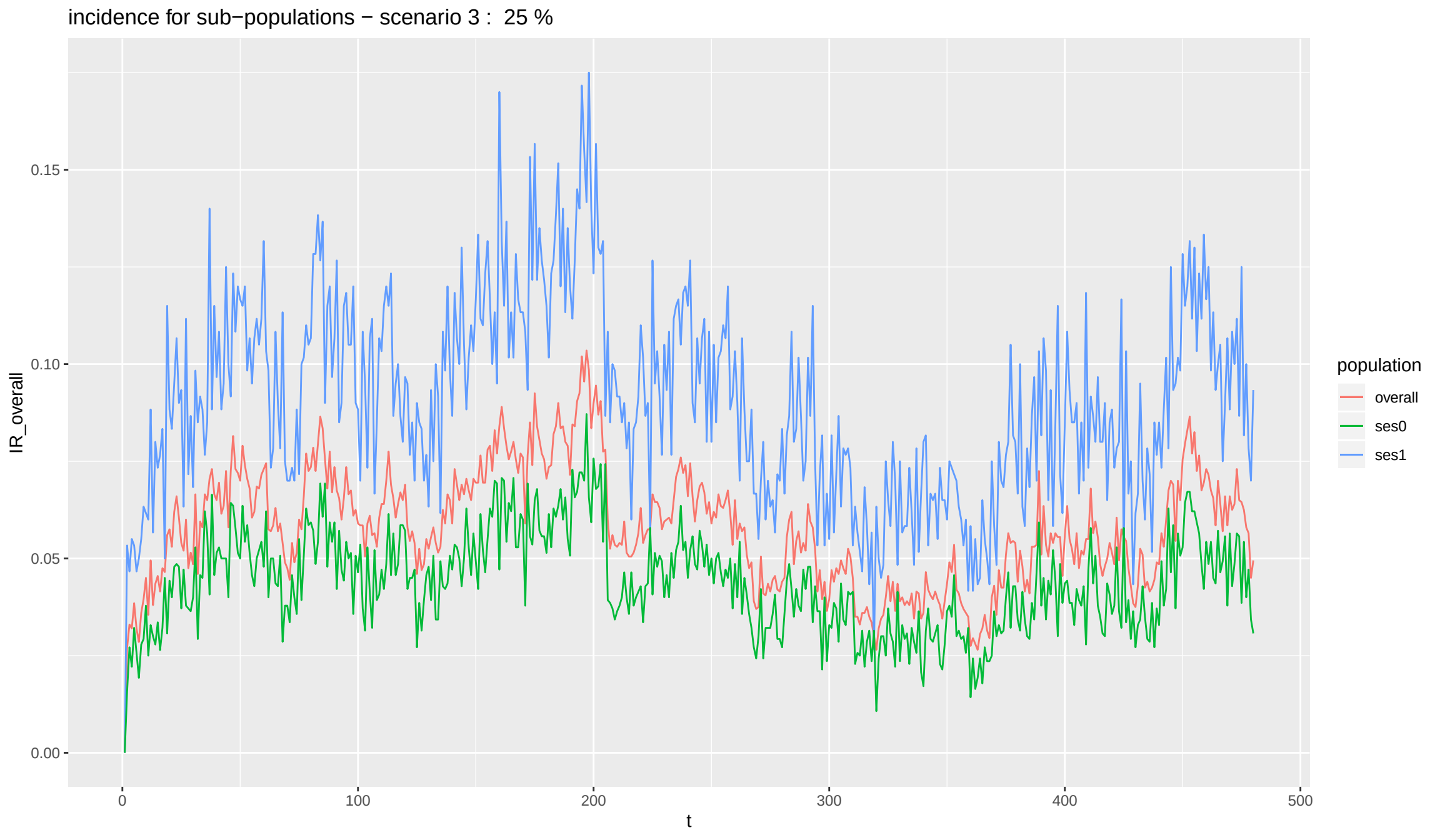

incidence for sub−populations − scenario 2 : 10 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

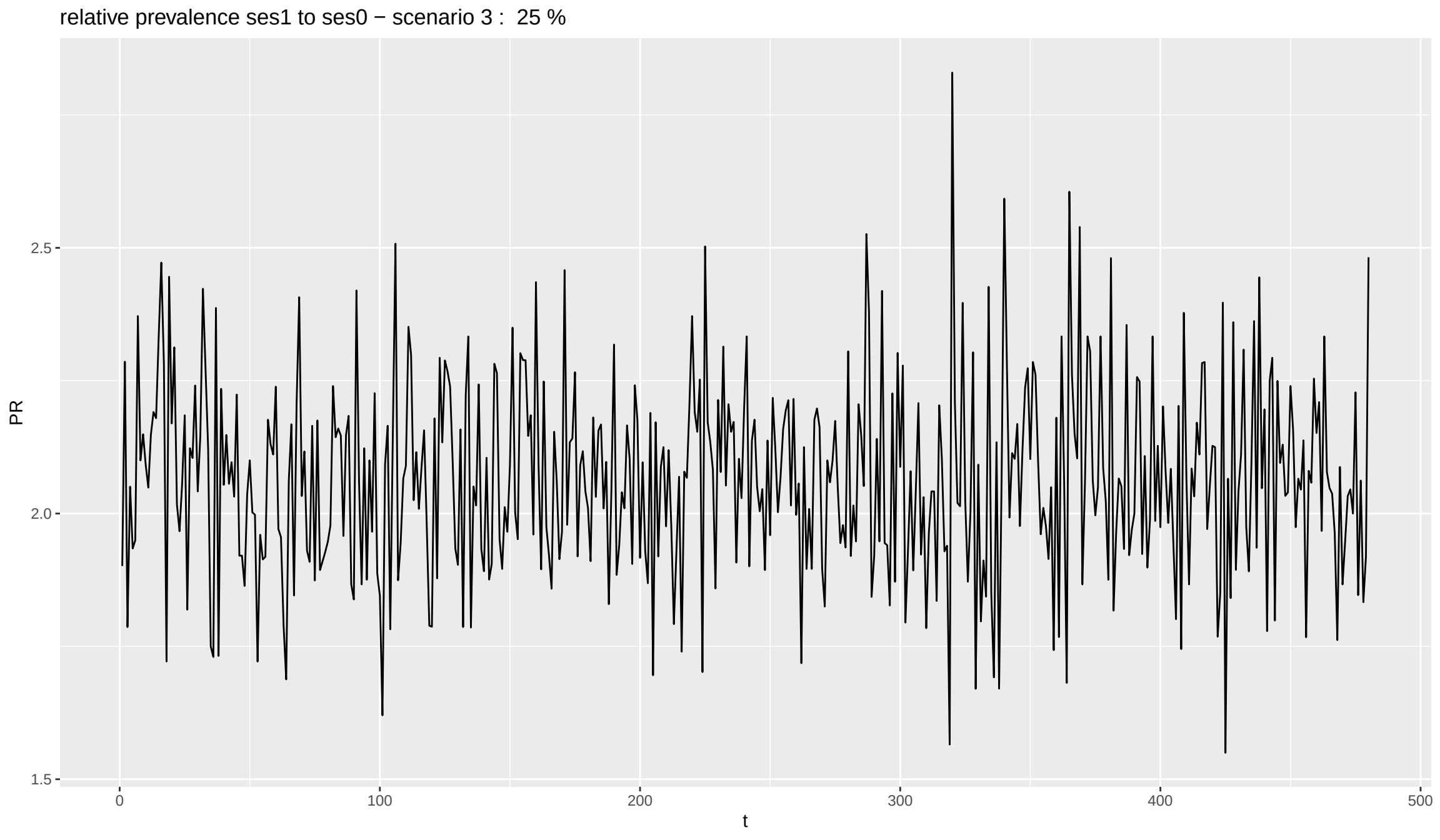

relative prevalence ses1 to ses0 − scenario 2 : 10 %
PR
3.0
2.5
2.0
1.5
0
100
200
300
400
500
t

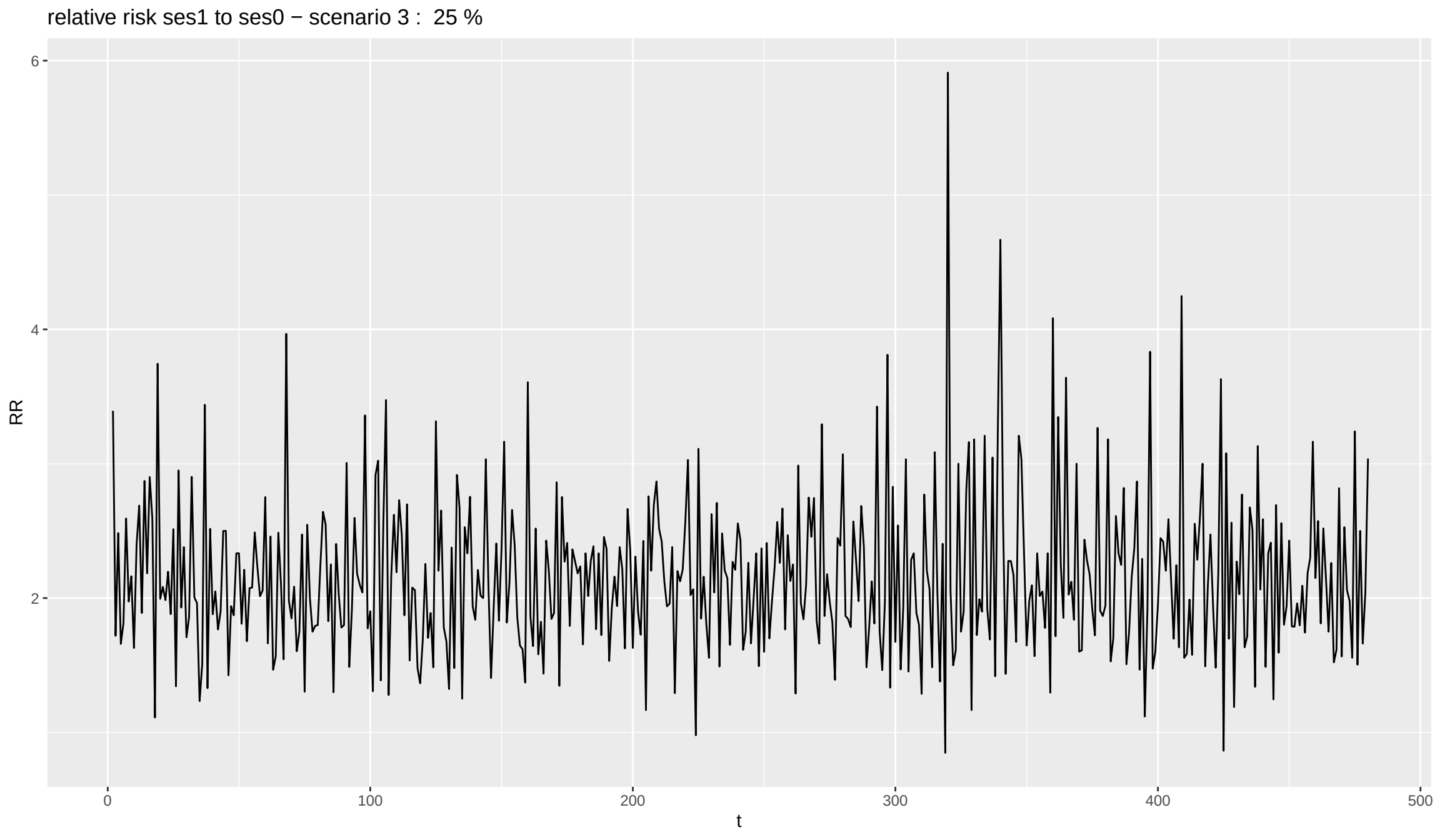

relative risk ses1 to ses0 − scenario 2 : 10 %
RR
6
4
2
0
100
200
300
400
500
t

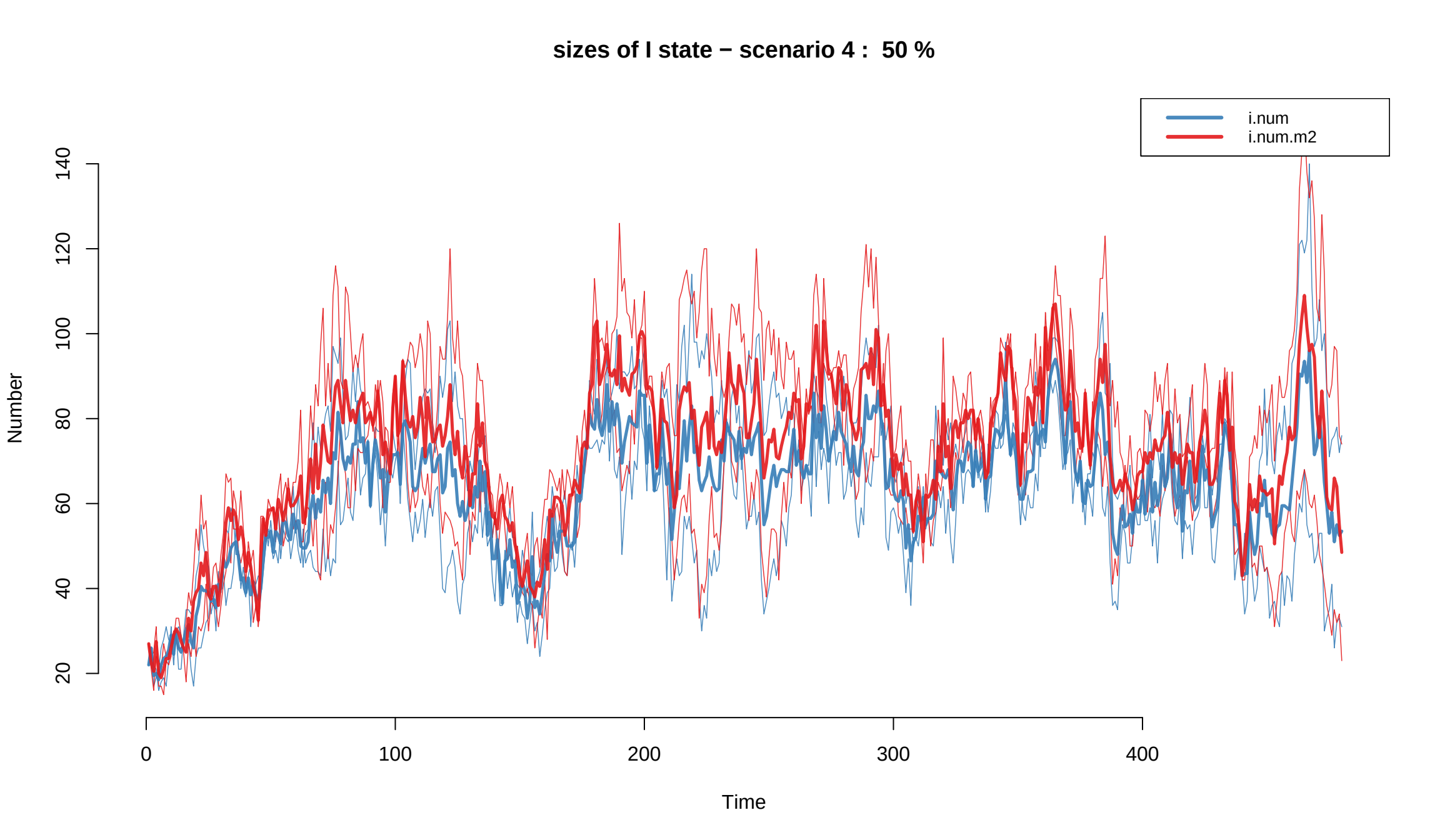

sizes of I state − scenario 3 : 25 %
i.num
i.num.m2
Number
20
40
60
80
100
120
0
100
200
300
400
Time

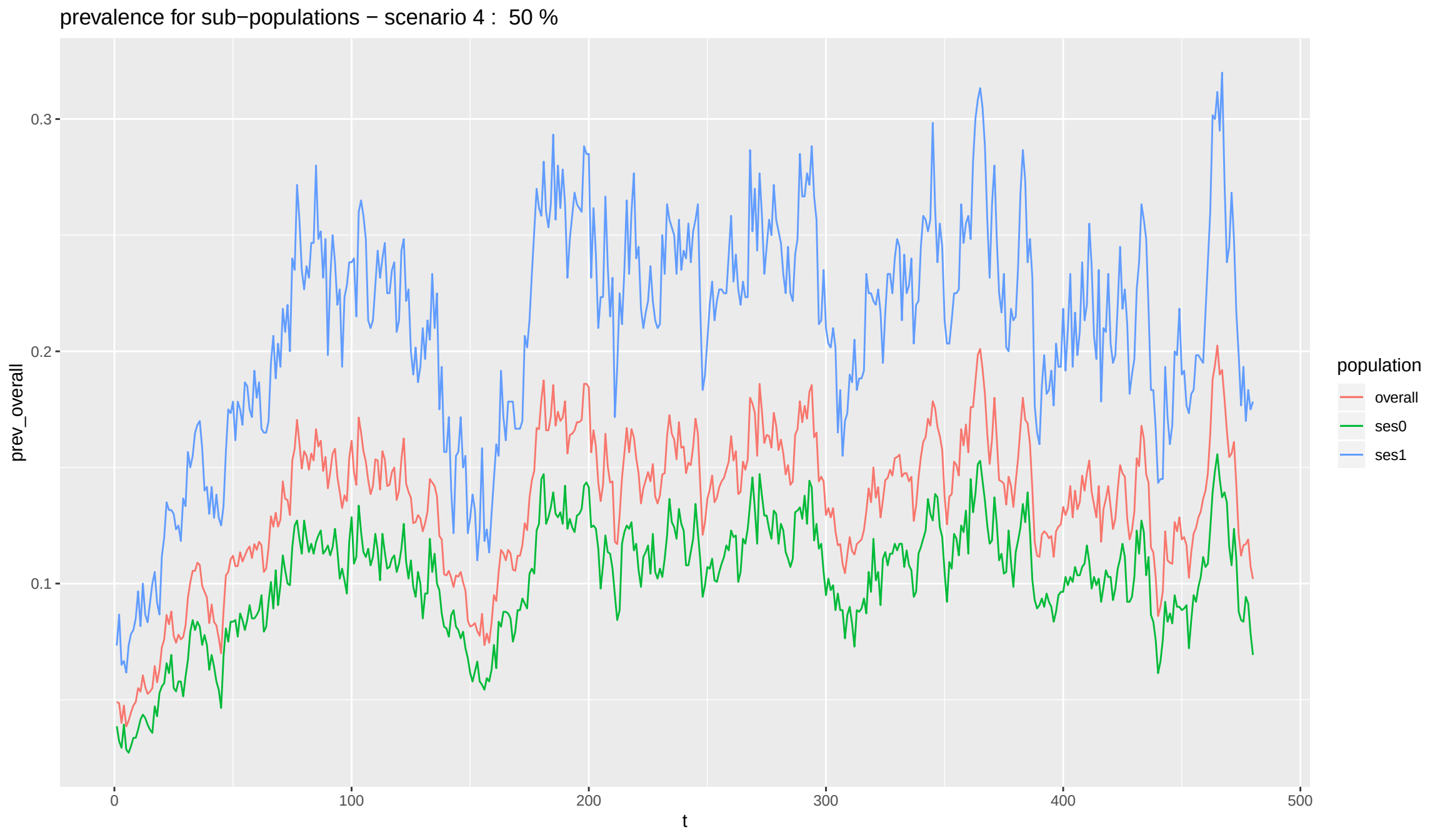

prevalence for sub−populations − scenario 3 : 25 %
prev_overall
0.3
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1

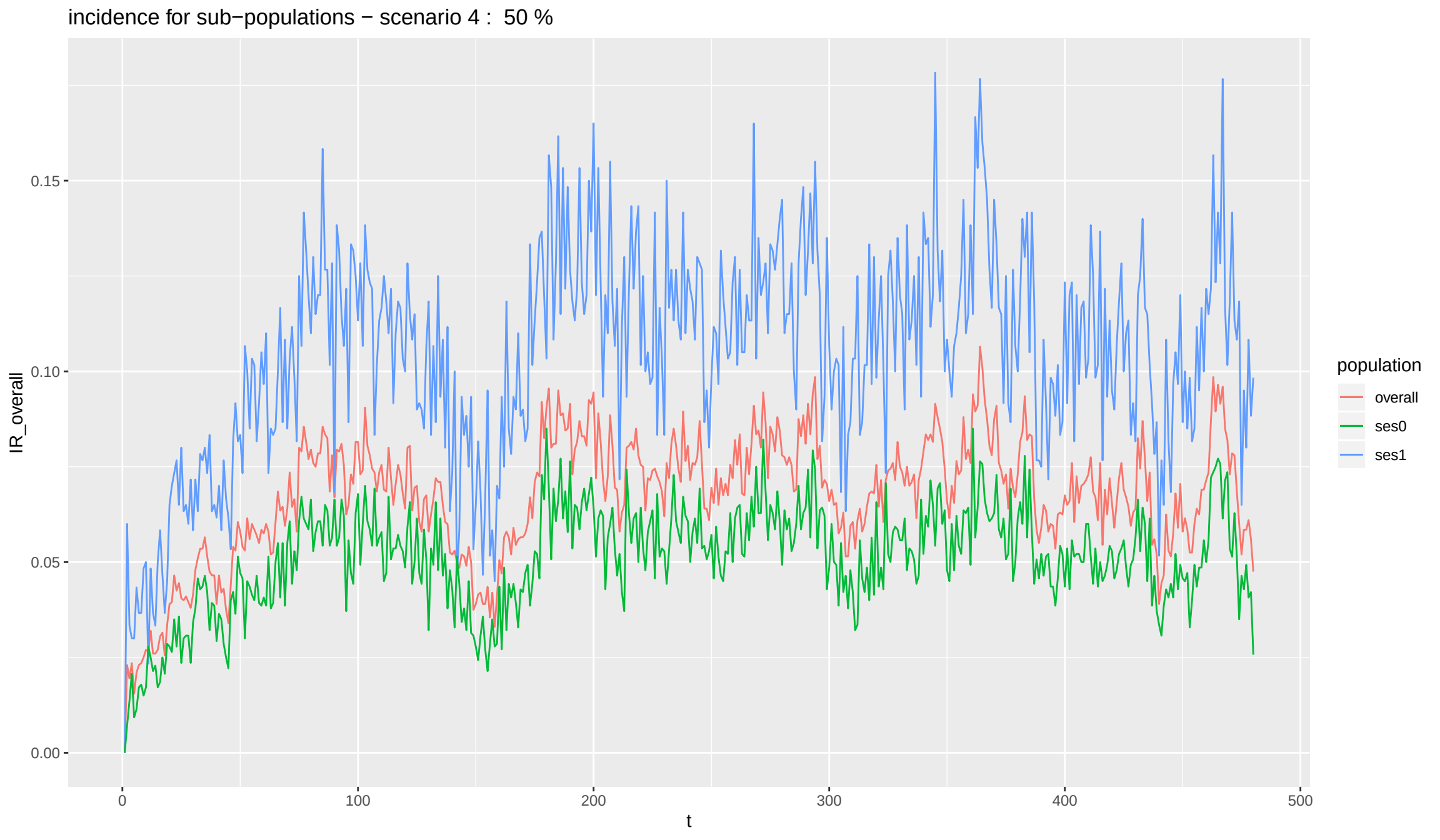

incidence for sub−populations − scenario 3 : 25 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

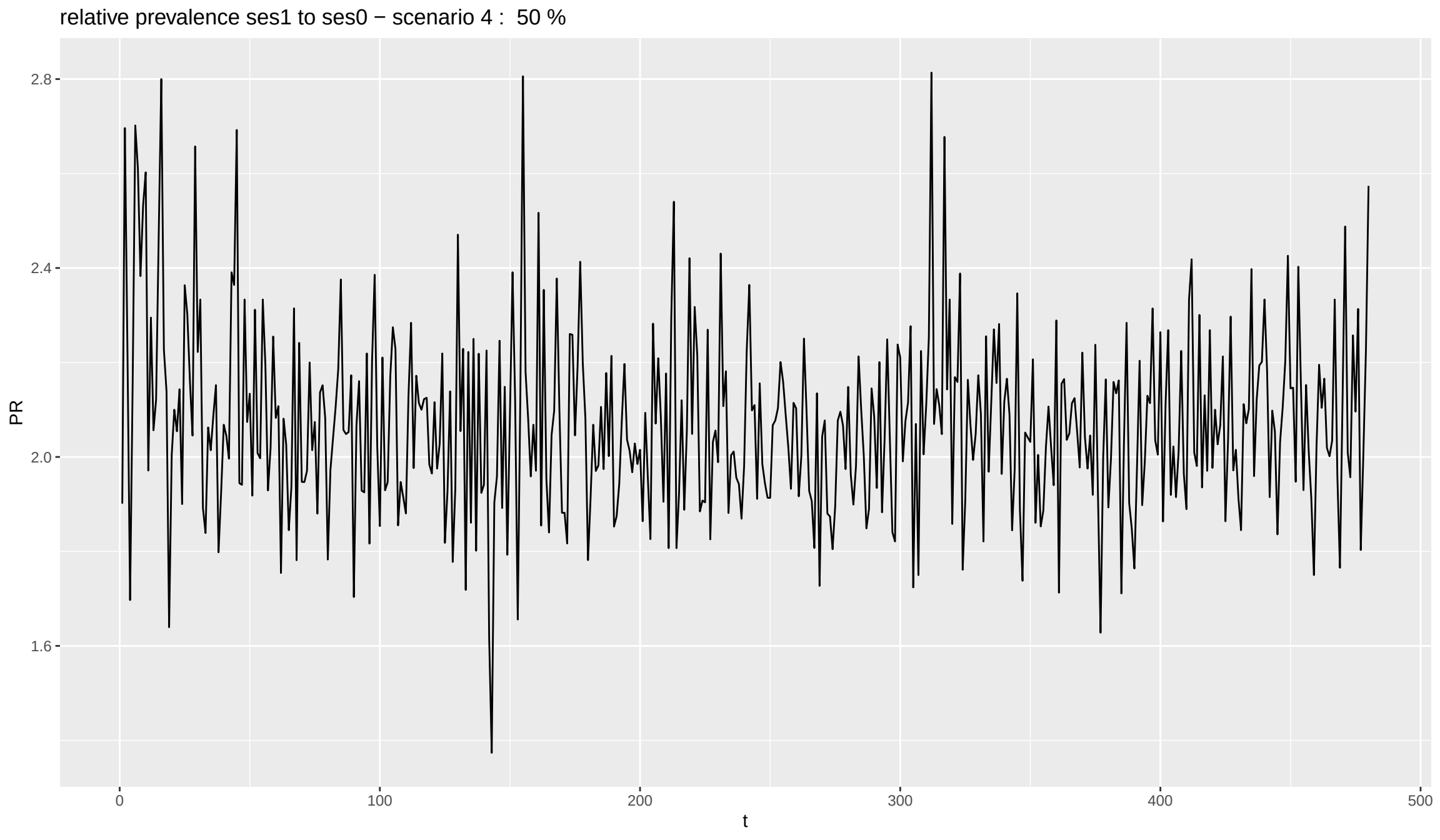

relative prevalence ses1 to ses0 − scenario 3 : 25 %
PR
2.5
2.0
1.5
0
100
200
300
400
500
t

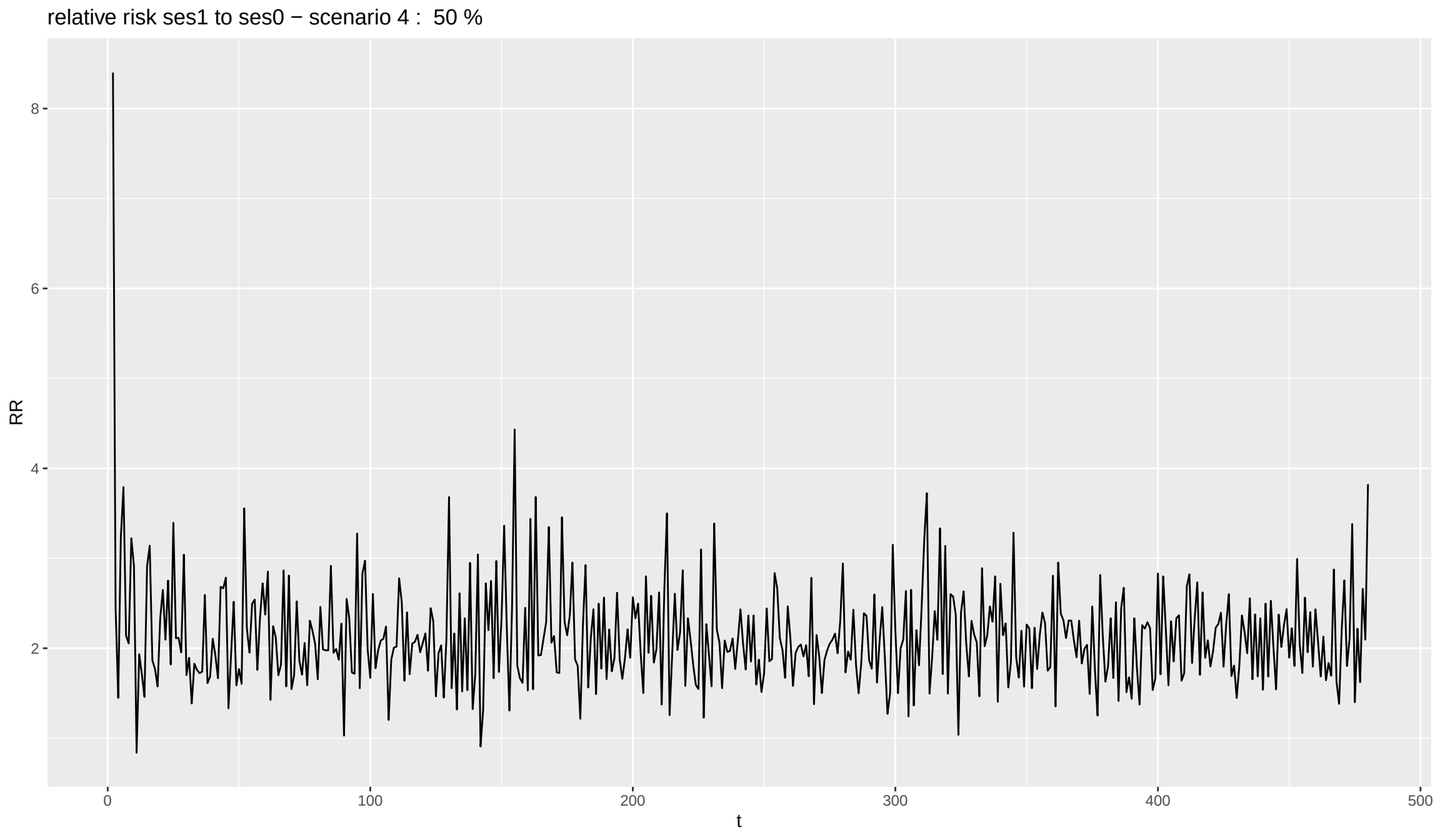

relative risk ses1 to ses0 − scenario 3 : 25 %
6
4
2
RR
0
100
200
300
400
500
t

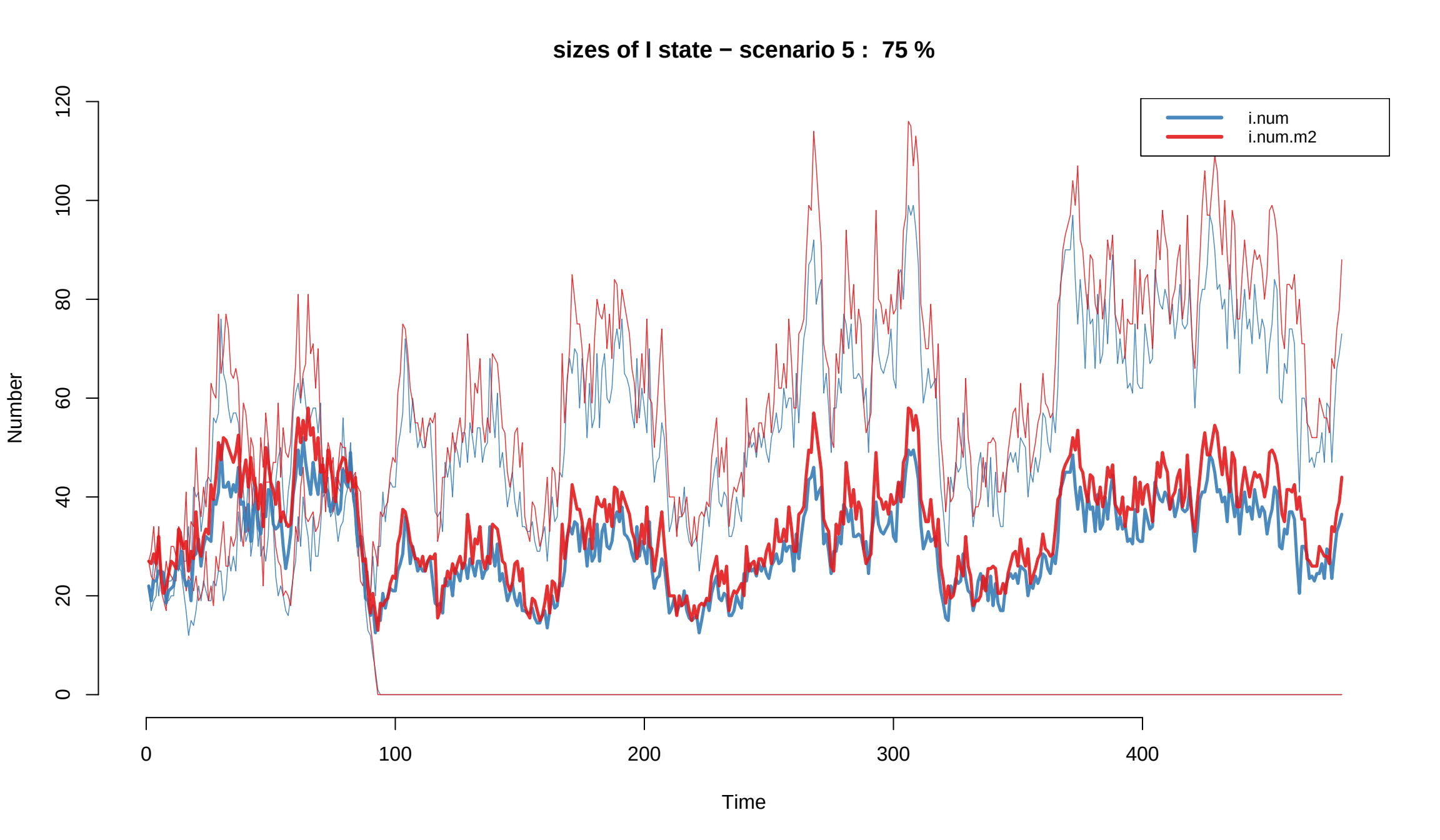

sizes of I state − scenario 4 : 50 %
i.num
i.num.m2
Number
20
40
60
80
100
120
140
0
100
200
300
400
Time

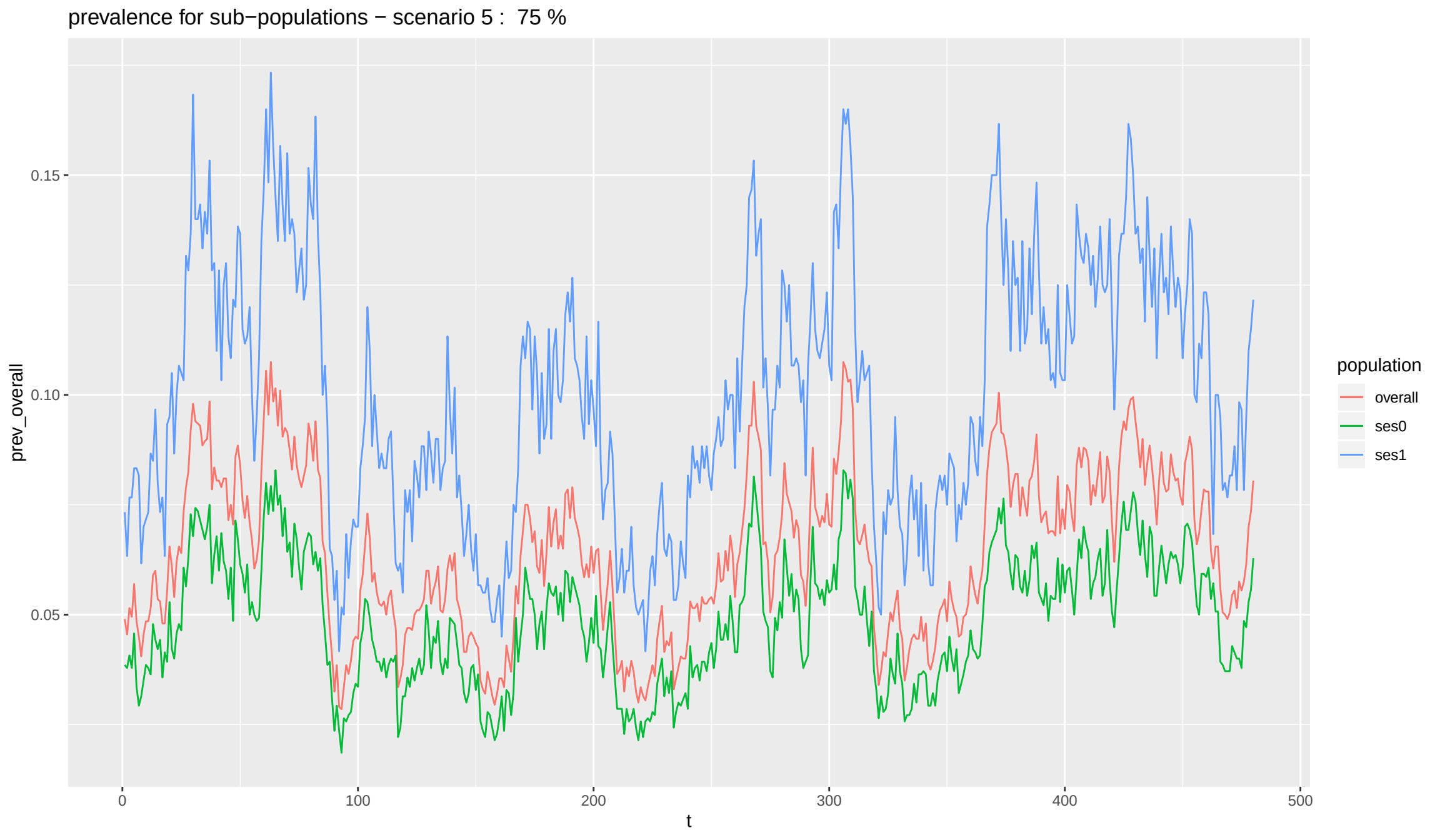

prevalence for sub−populations − scenario 4 : 50 %
prev_overall
0.3
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1

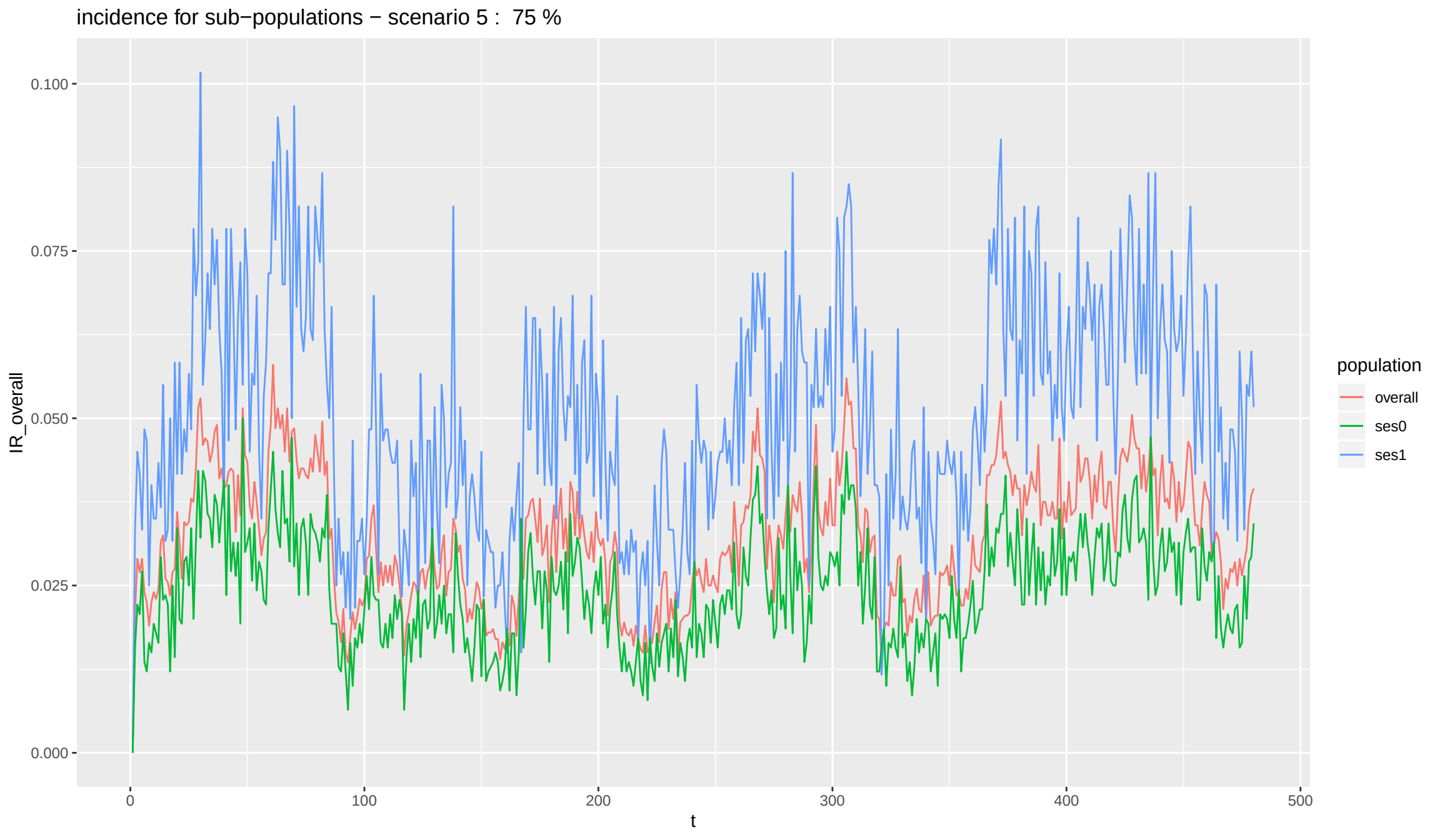

incidence for sub−populations − scenario 4 : 50 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

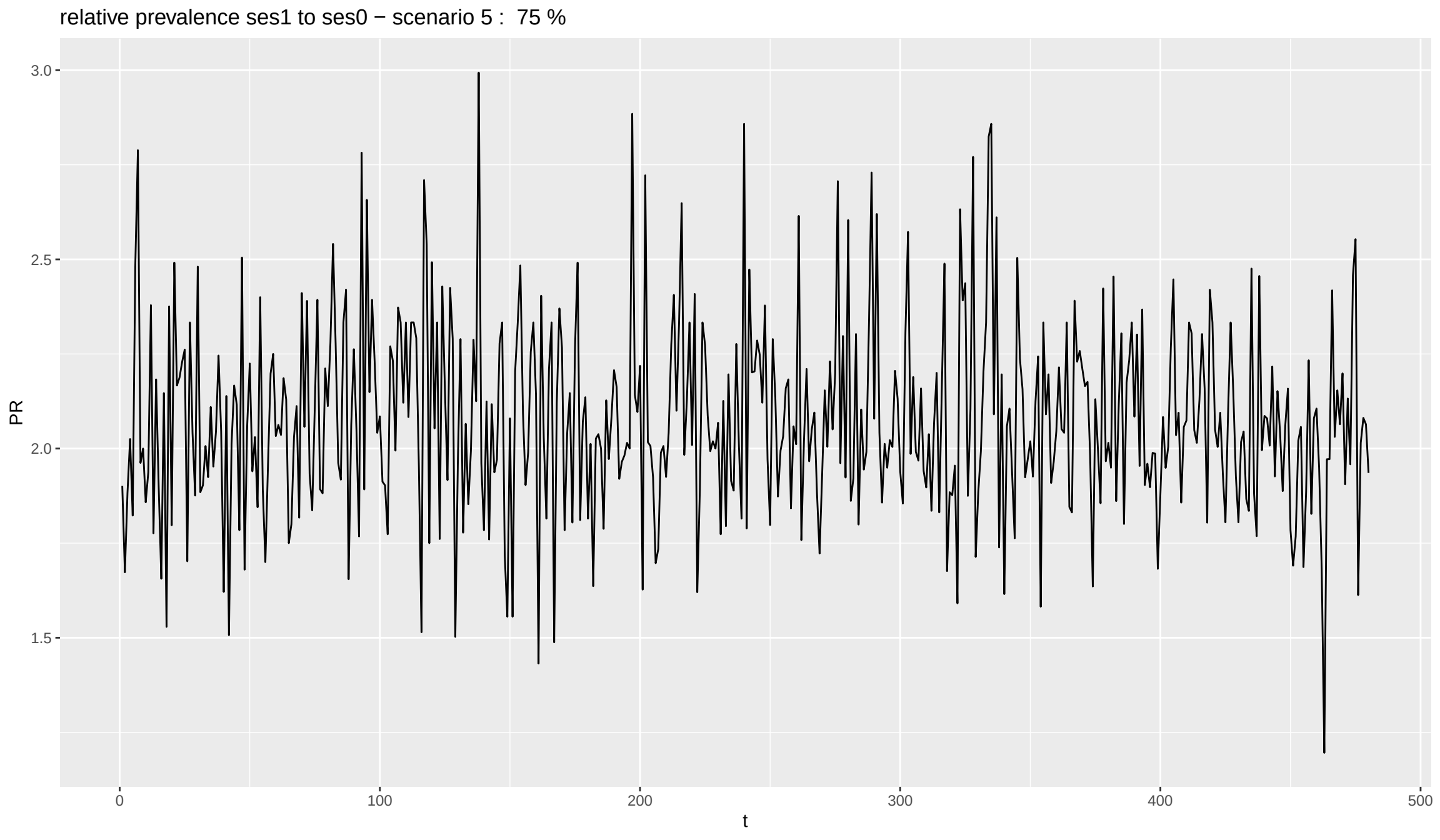

relative prevalence ses1 to ses0 − scenario 4 : 50 %
PR
2.8
2.4
2.0
1.6
0
100
200
300
400
500
t

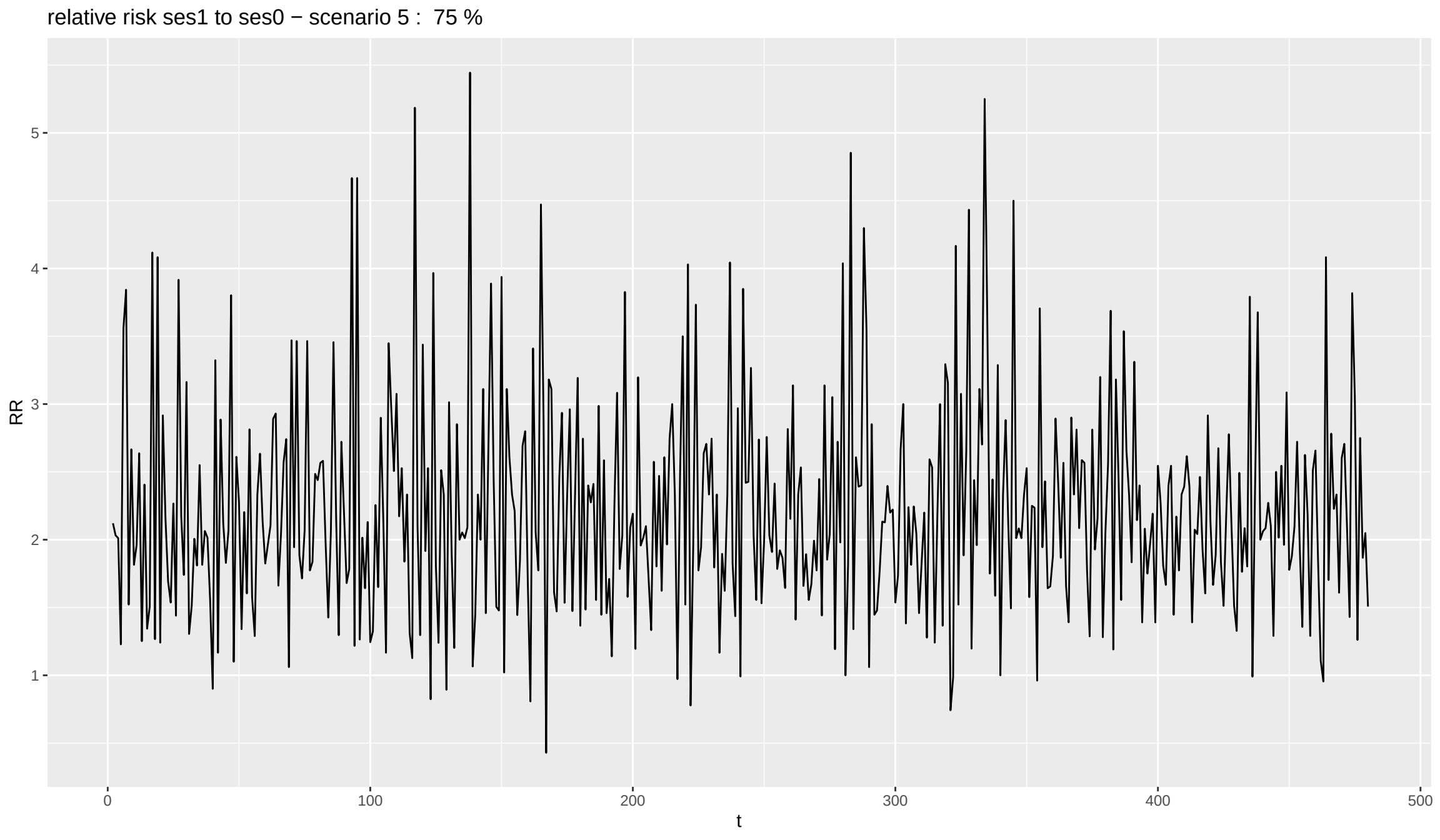

relative risk ses1 to ses0 − scenario 4 : 50 %
RR
8
6
4
2
0
100
200
300
400
500
t

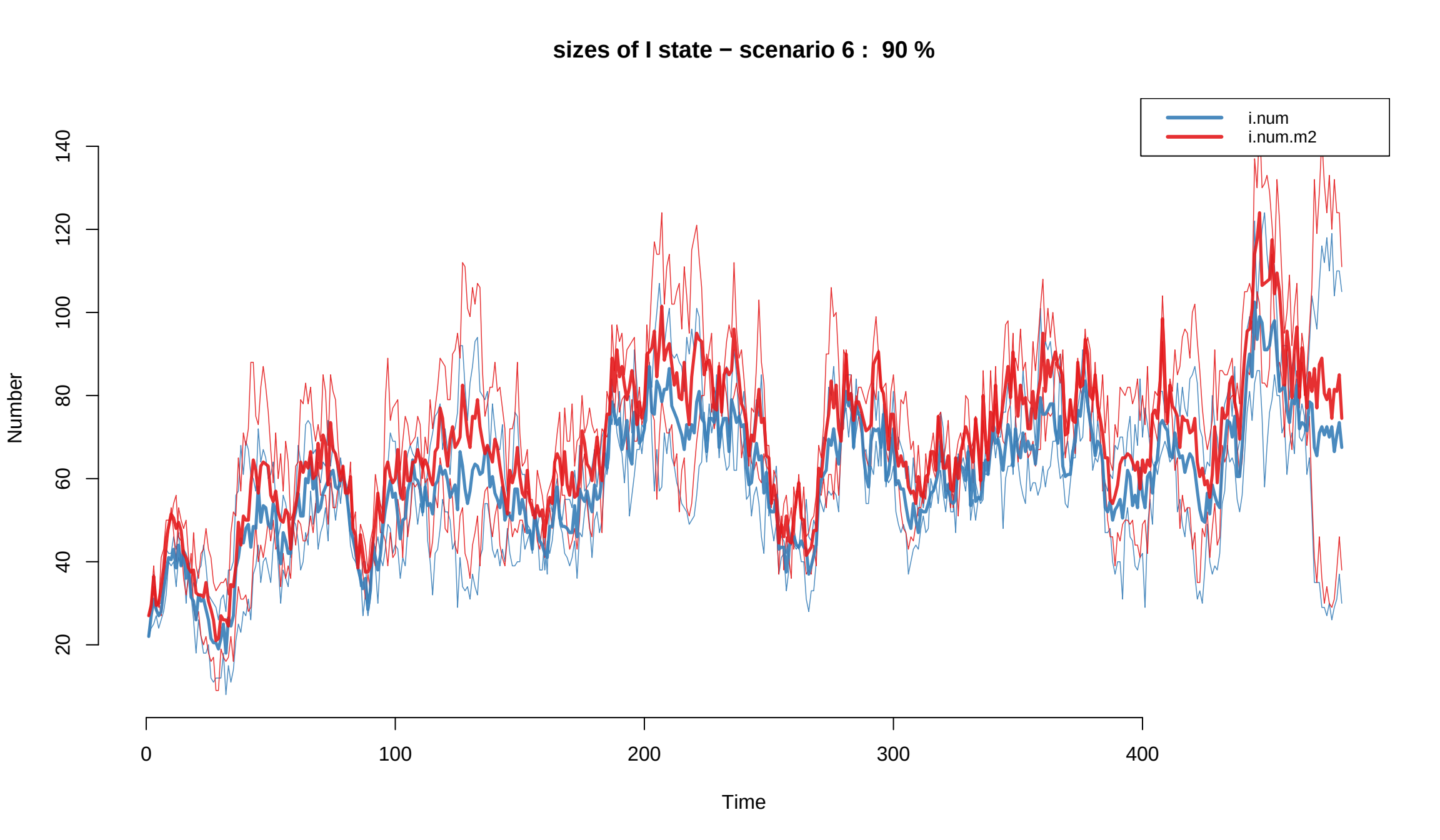

sizes of I state − scenario 5 : 75 %
i.num
i.num.m2
Number
0
20
40
60
80
100
120
0
100
200
300
400
Time

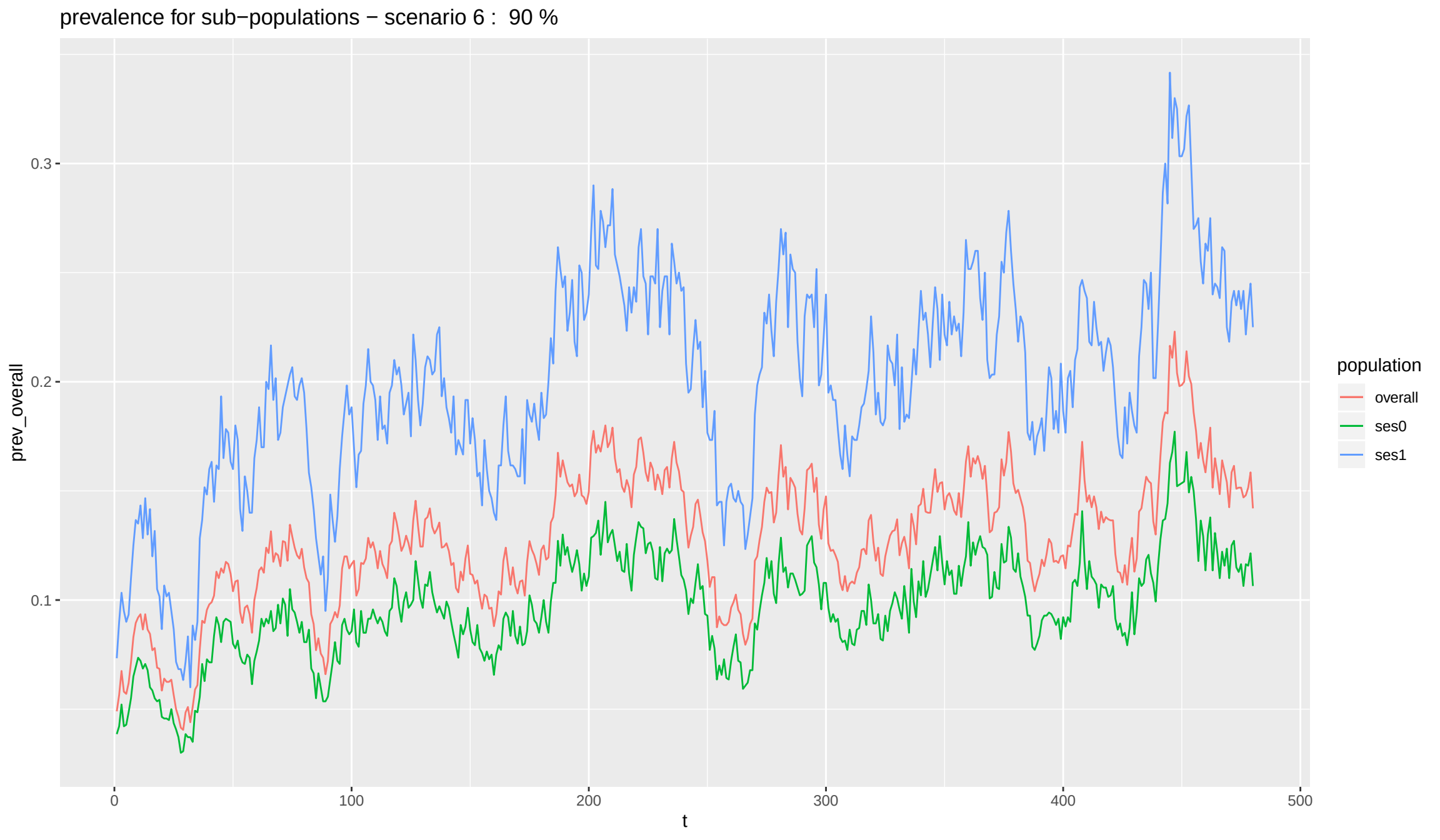

prevalence for sub−populations − scenario 5 : 75 %
prev_overall
0.15
0.10
0.05
0
100
200
300
400
500
t
population
overall
ses0
ses1

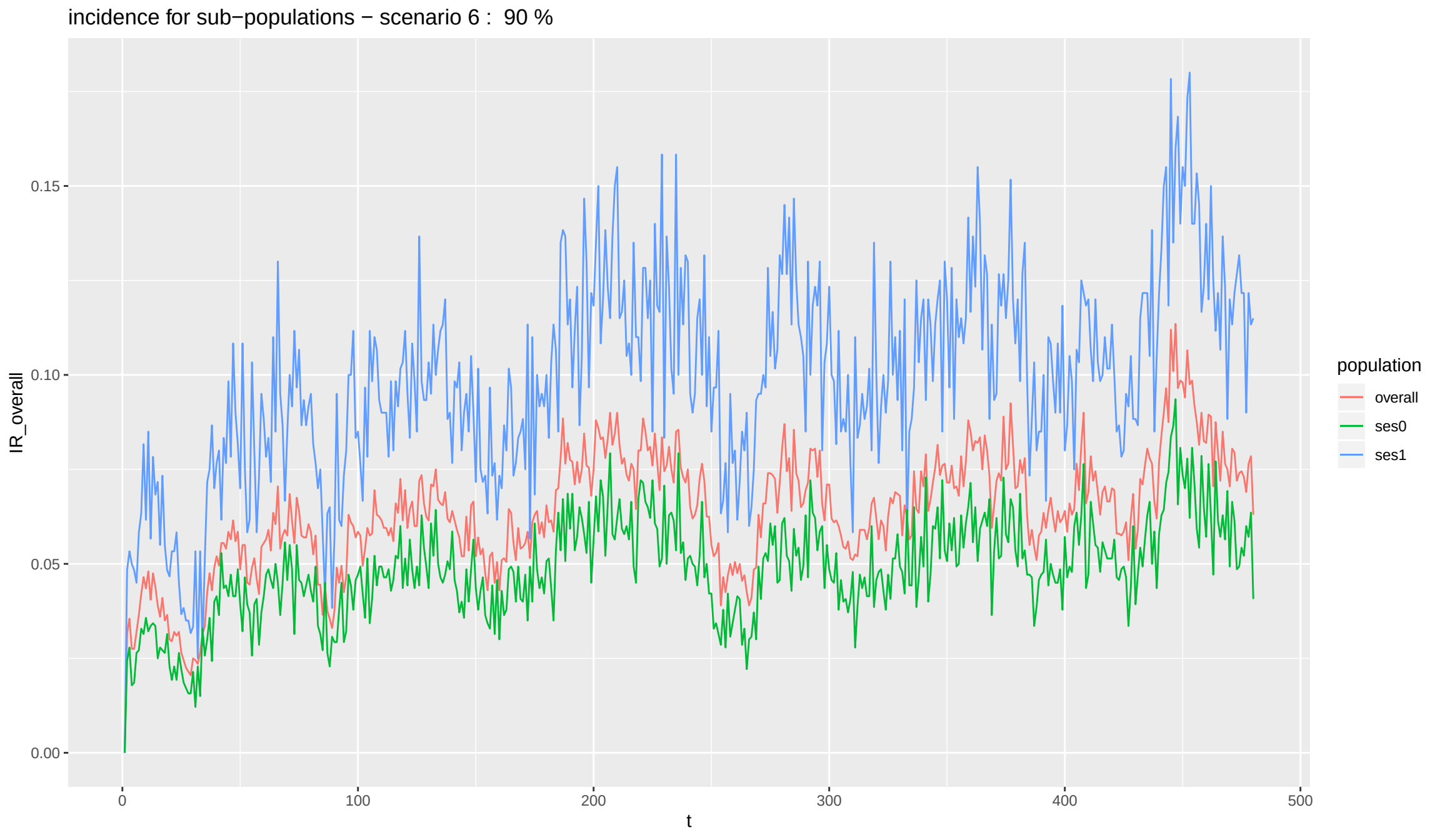

incidence for sub−populations − scenario 5 : 75 %
IR_overall
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1

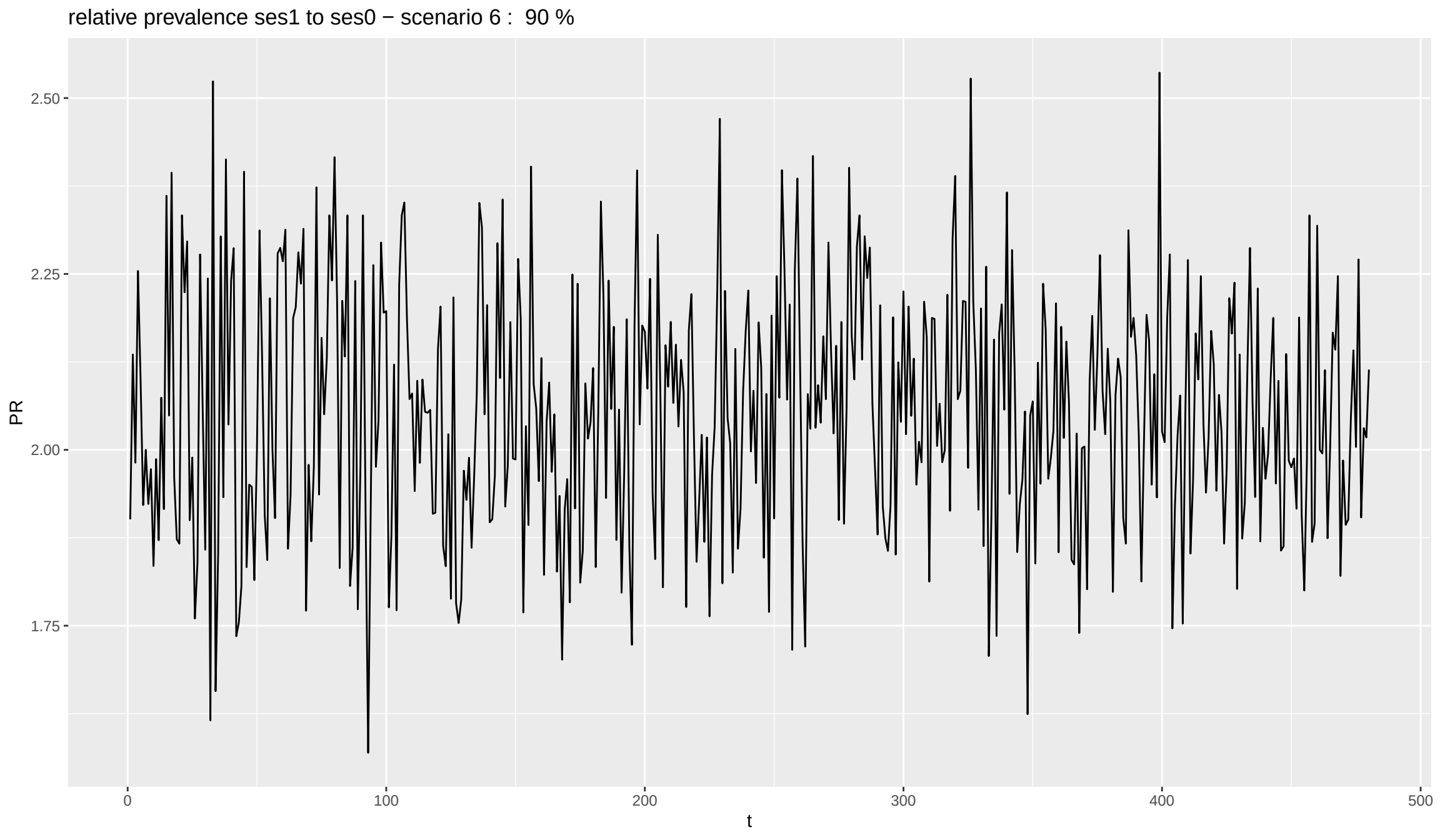

relative prevalence ses1 to ses0 − scenario 5 : 75 %
PR
3.0
2.5
2.0
1.5
0
100
200
300
400
500
t

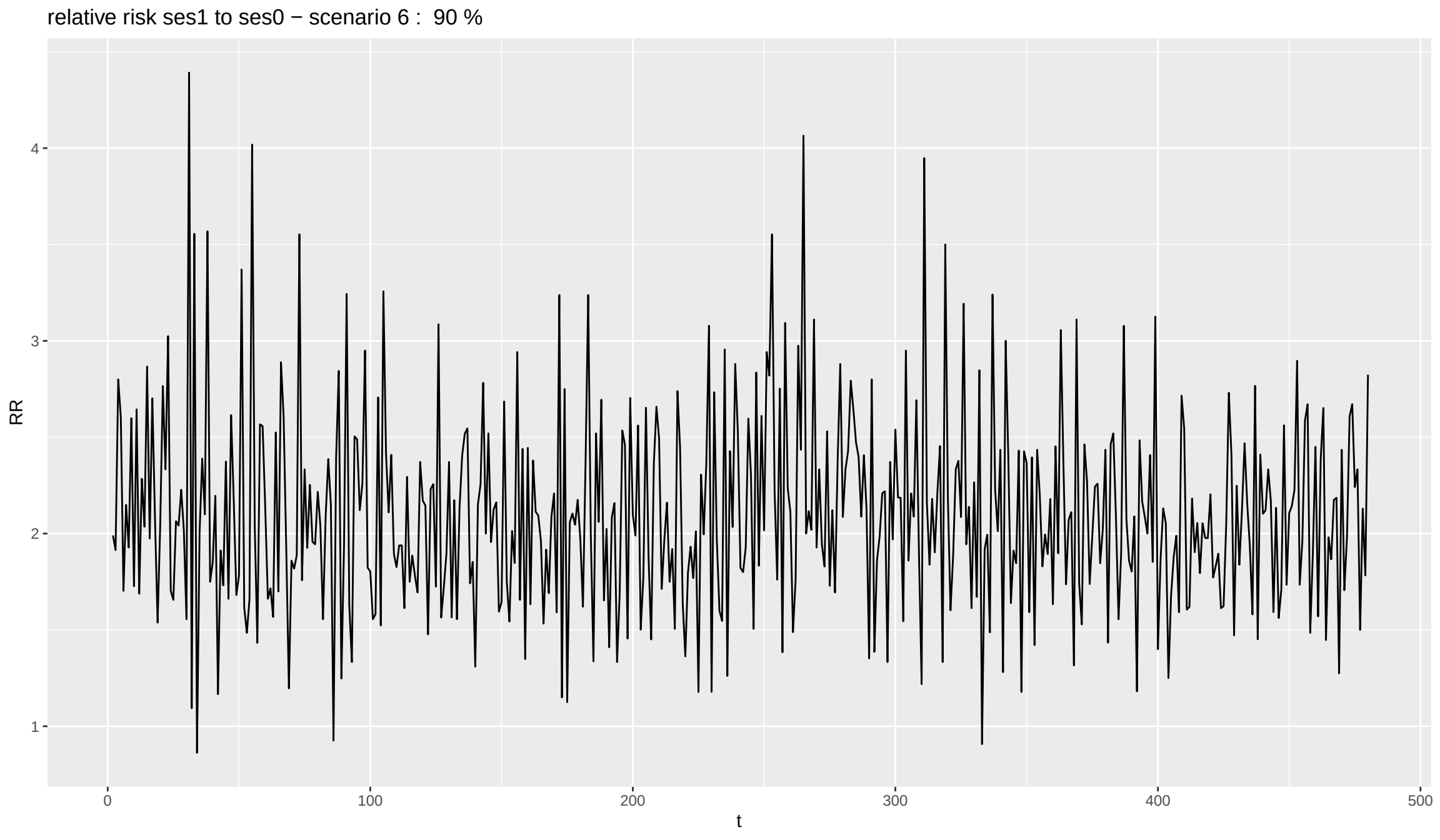

relative risk ses1 to ses0 − scenario 5 : 75 %
RR
t
1
2
3
4
5
0
100
200
300
400
500

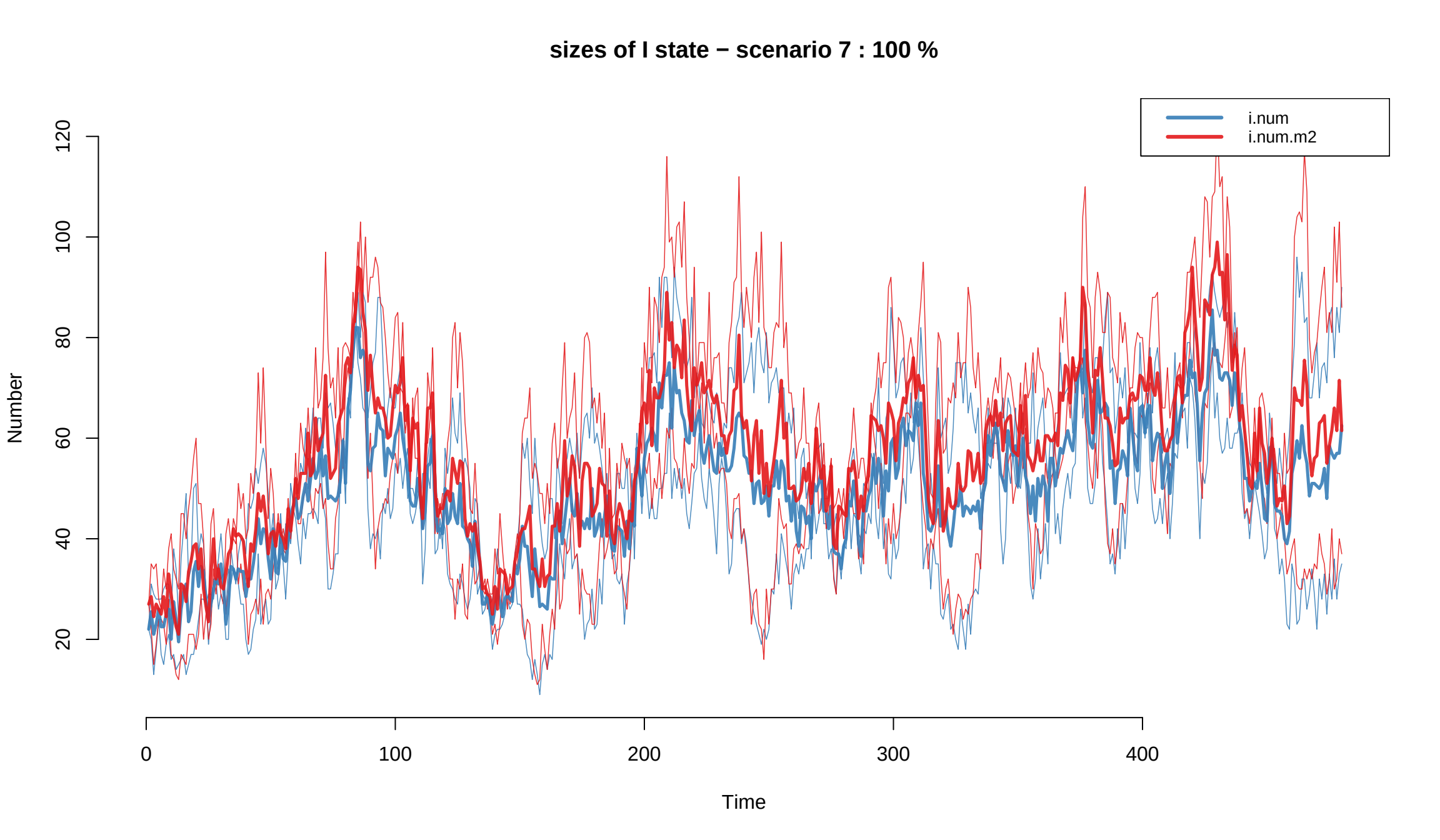

sizes of I state − scenario 6 : 90 %
i.num
i.num.m2
Number
20
40
60
80
100
120
140
0
100
200
300
400
Time

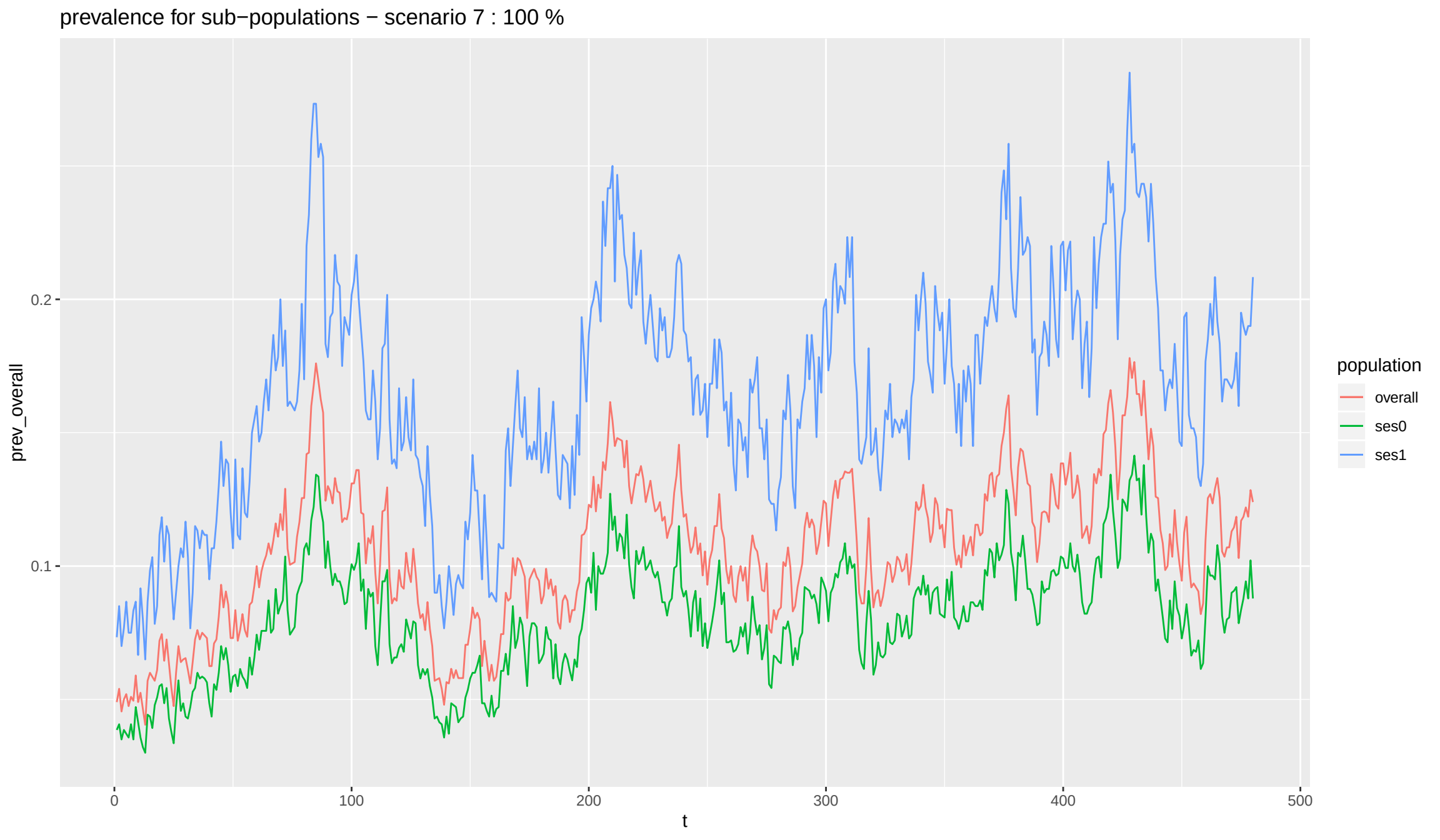

prevalence for sub−populations − scenario 6 : 90 %
prev_overall
0.3
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1

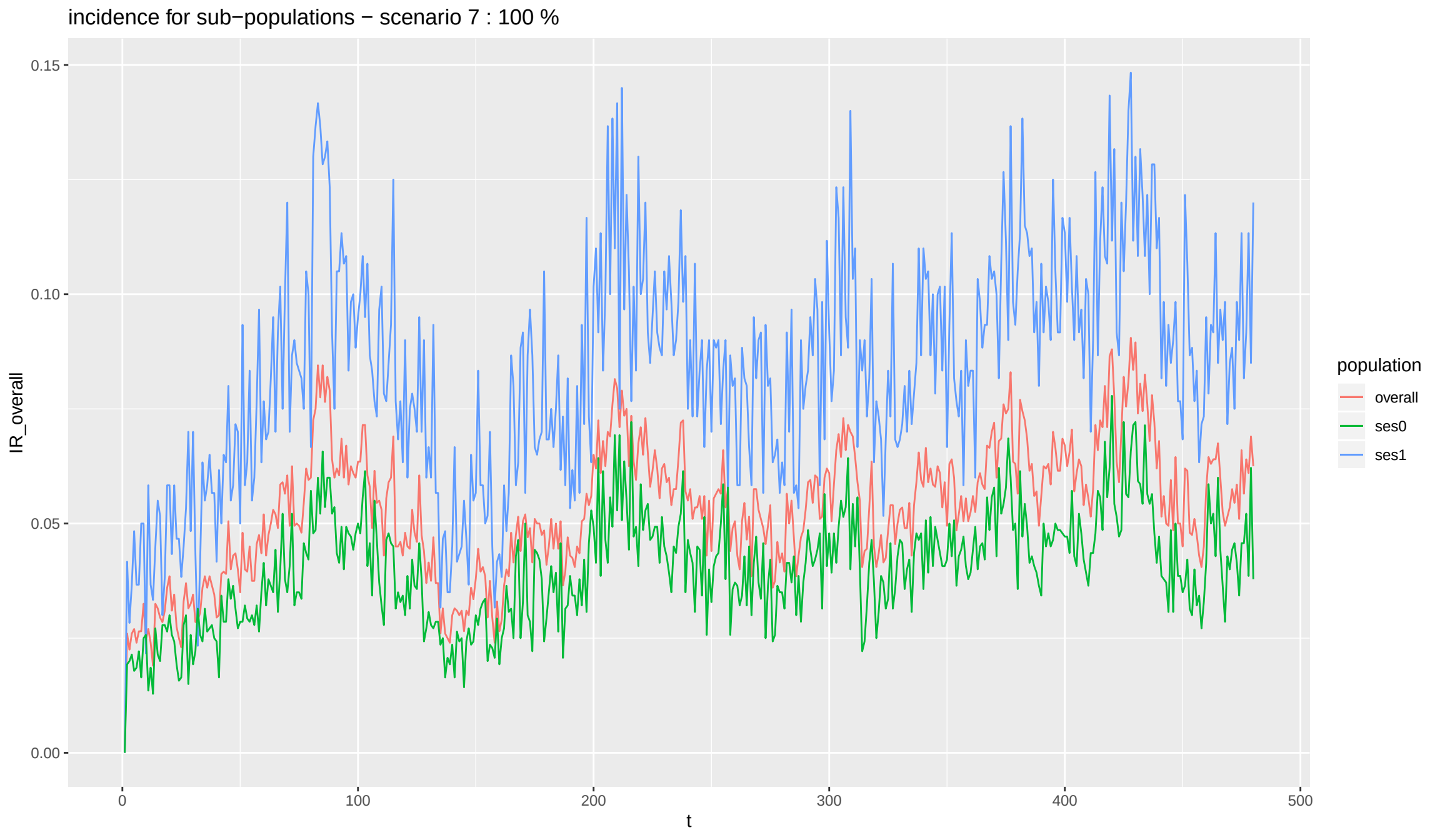

incidence for sub−populations − scenario 6 : 90 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

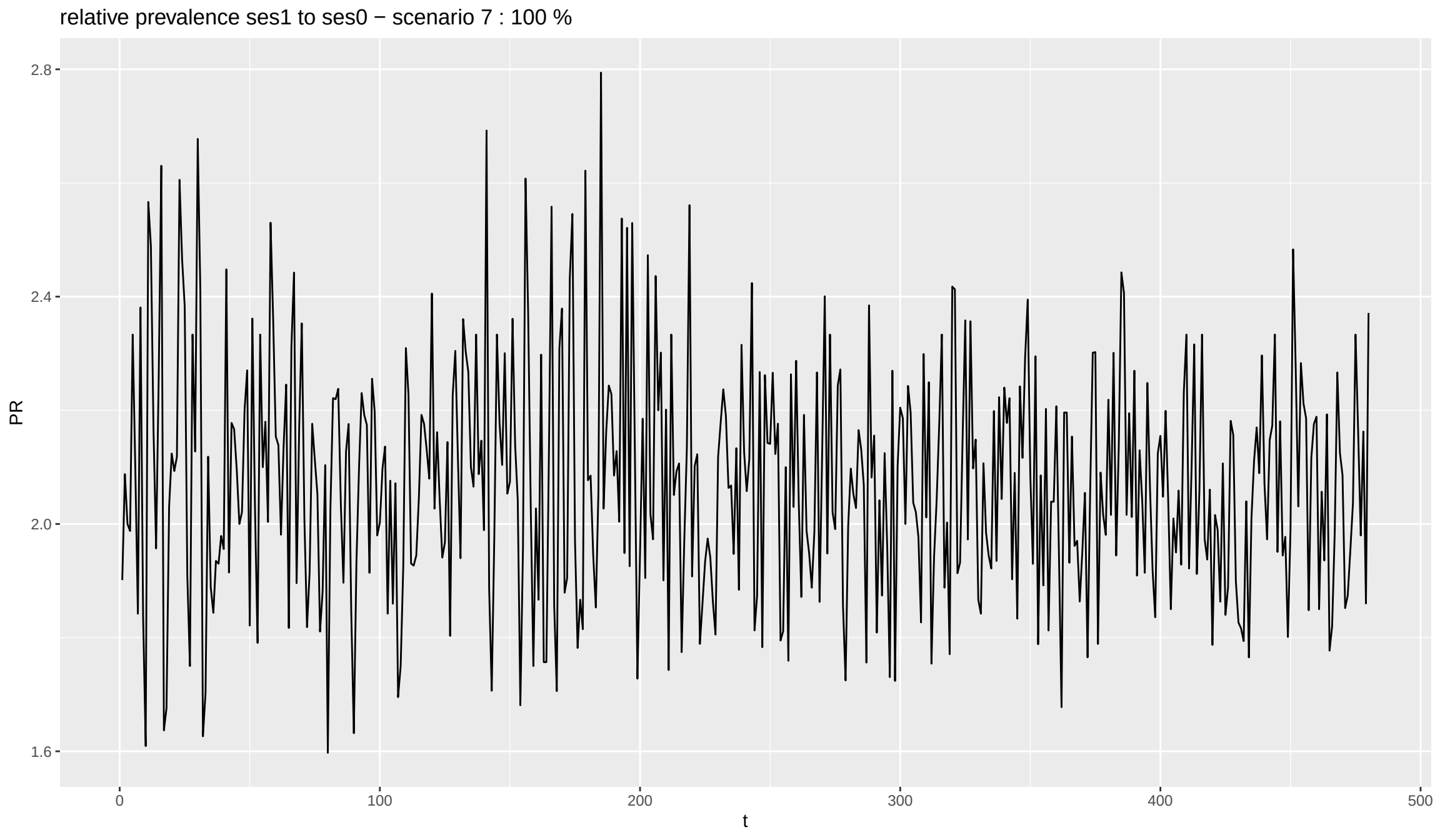

relative prevalence ses1 to ses0 − scenario 6 : 90 %
PR
2.50
2.25
2.00
1.75
0
100
200
300
400
500
t

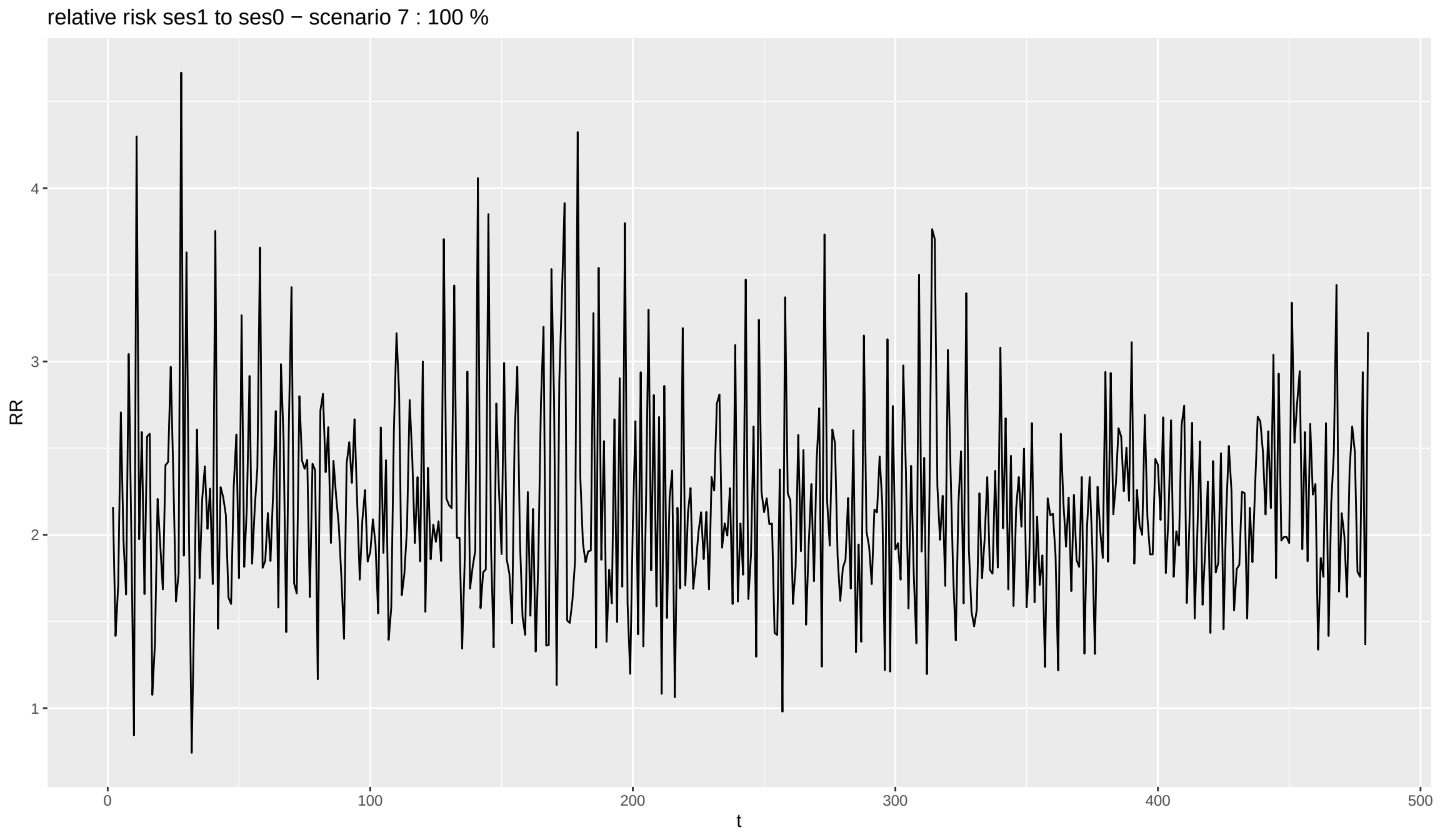

relative risk ses1 to ses0 − scenario 6 : 90 %
RR
4
3
2
1
0
100
200
300
400
500
t


sizes of I state − scenario 7 : 100 %
i.num
i.num.m2
Number
20
40
60
80
100
120
0
100
200
300
400
Time


prevalence for sub−populations − scenario 7 : 100 %
prev_overall
0.2
0.1
0
100
200
300
400
500
t
population
overall
ses0
ses1


incidence for sub−populations − scenario 7 : 100 %
IR_overall
0.15
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1


relative prevalence ses1 to ses0 − scenario 7 : 100 %
PR
2.8
2.4
2.0
1.6
0
100
200
300
400
500
t


relative risk ses1 to ses0 − scenario 7 : 100 %
RR
t
1
2
3
4
0
100
200
300
400
500

	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	0.11	0.03	0.172	0.047	0.083	0.023	2.076	0.197
2	2	0.134	0.023	0.208	0.036	0.103	0.018	2.034	0.152
3	3	0.114	0.021	0.178	0.034	0.087	0.017	2.063	0.18
4	4	0.135	0.023	0.212	0.037	0.102	0.018	2.08	0.171
5	5	0.076	0.011	0.118	0.019	0.058	0.009	2.046	0.218
6	6	0.148	0.028	0.229	0.042	0.113	0.022	2.041	0.148
7	7	0.126	0.021	0.197	0.032	0.096	0.018	2.062	0.168

	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	0.056	0.015	0.088	0.027	0.043	0.013	2.13	0.635
2	2	0.063	0.015	0.098	0.026	0.048	0.013	2.119	0.563
3	3	0.058	0.015	0.091	0.026	0.044	0.013	2.158	0.592
4	4	0.067	0.016	0.105	0.028	0.051	0.014	2.133	0.598
5	5	0.032	0.01	0.051	0.017	0.024	0.008	2.224	0.801
6	6	0.064	0.016	0.099	0.027	0.049	0.013	2.103	0.518
7	7	0.053	0.014	0.084	0.025	0.04	0.012	2.167	0.599