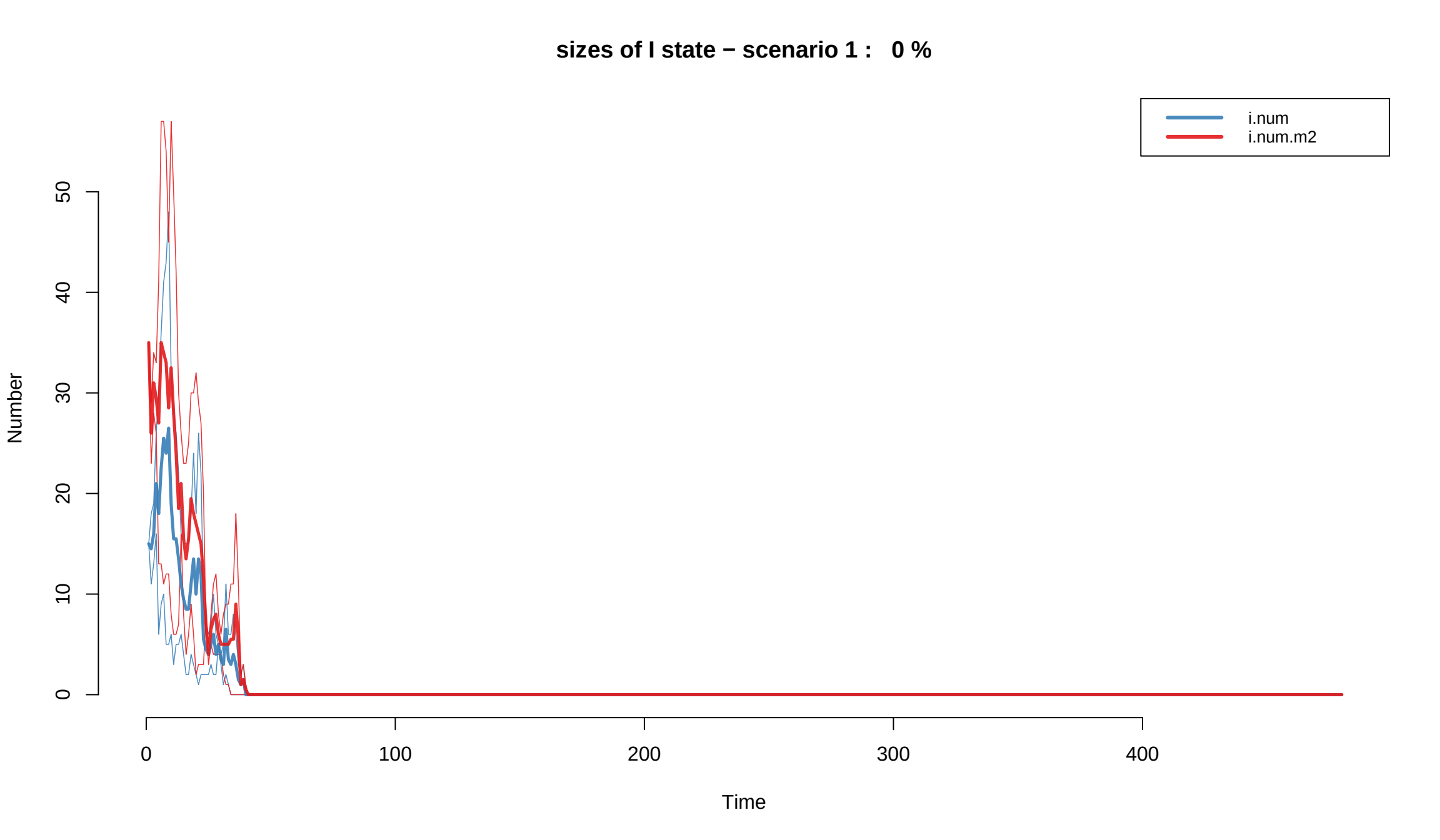
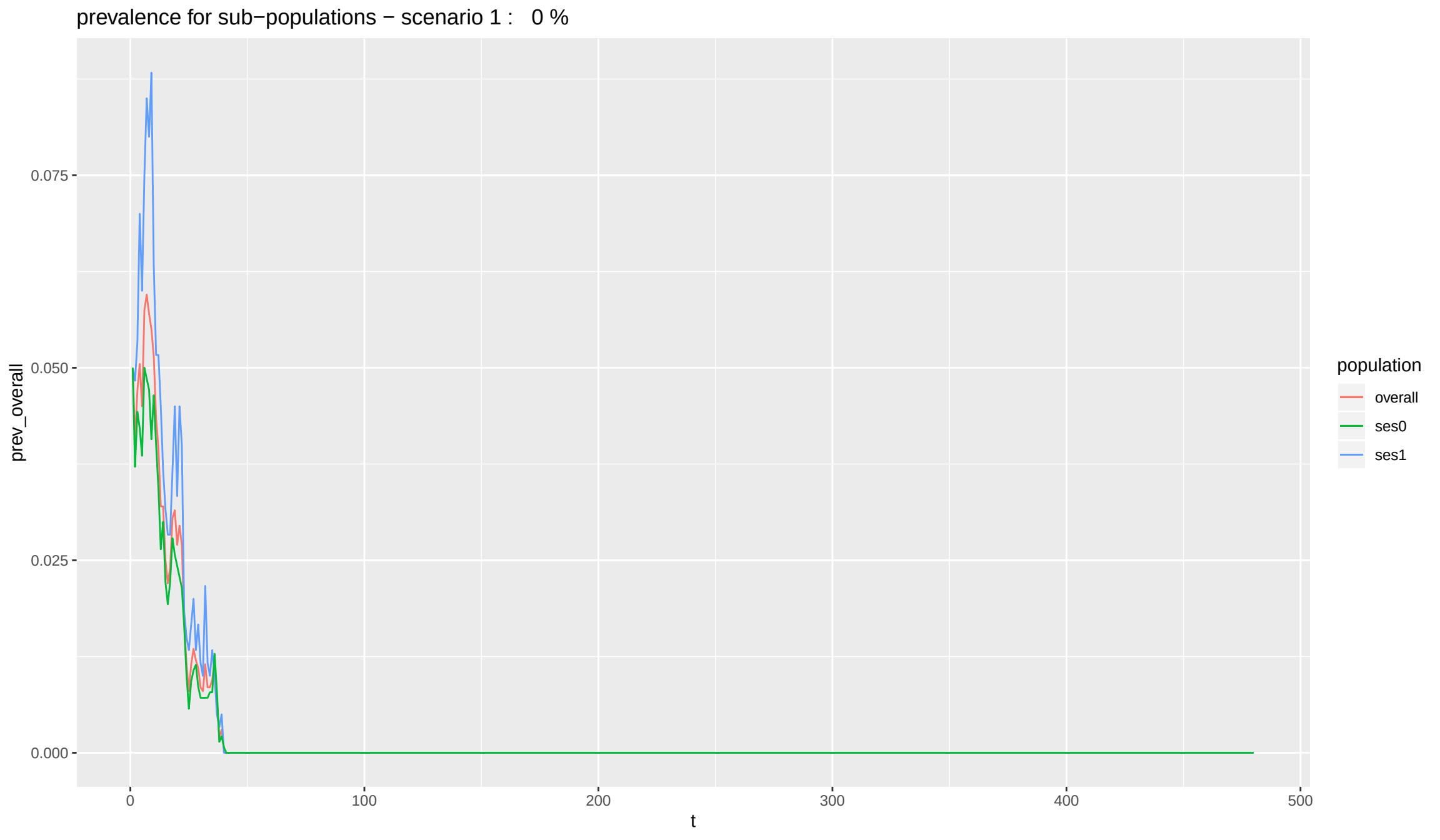
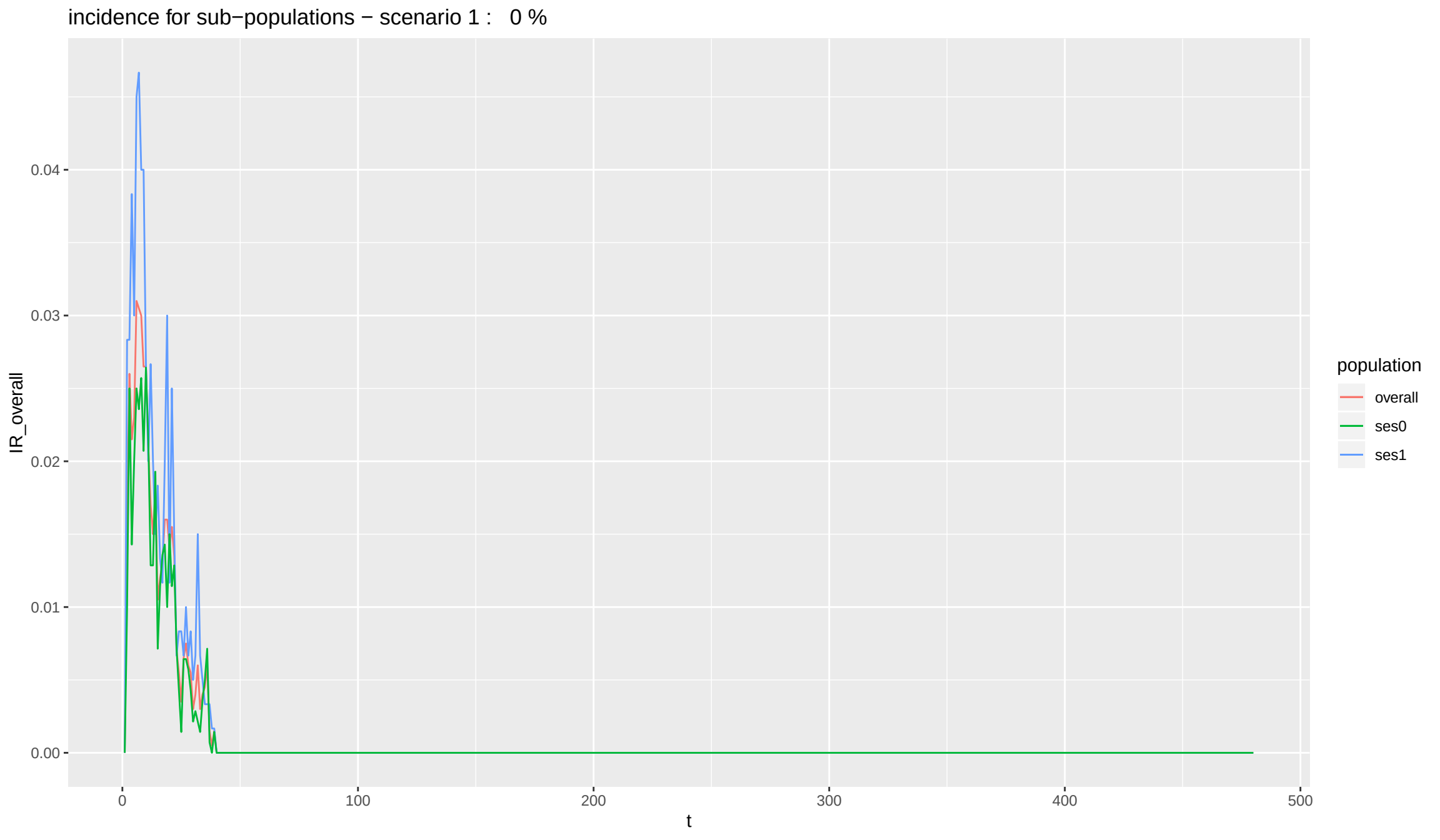
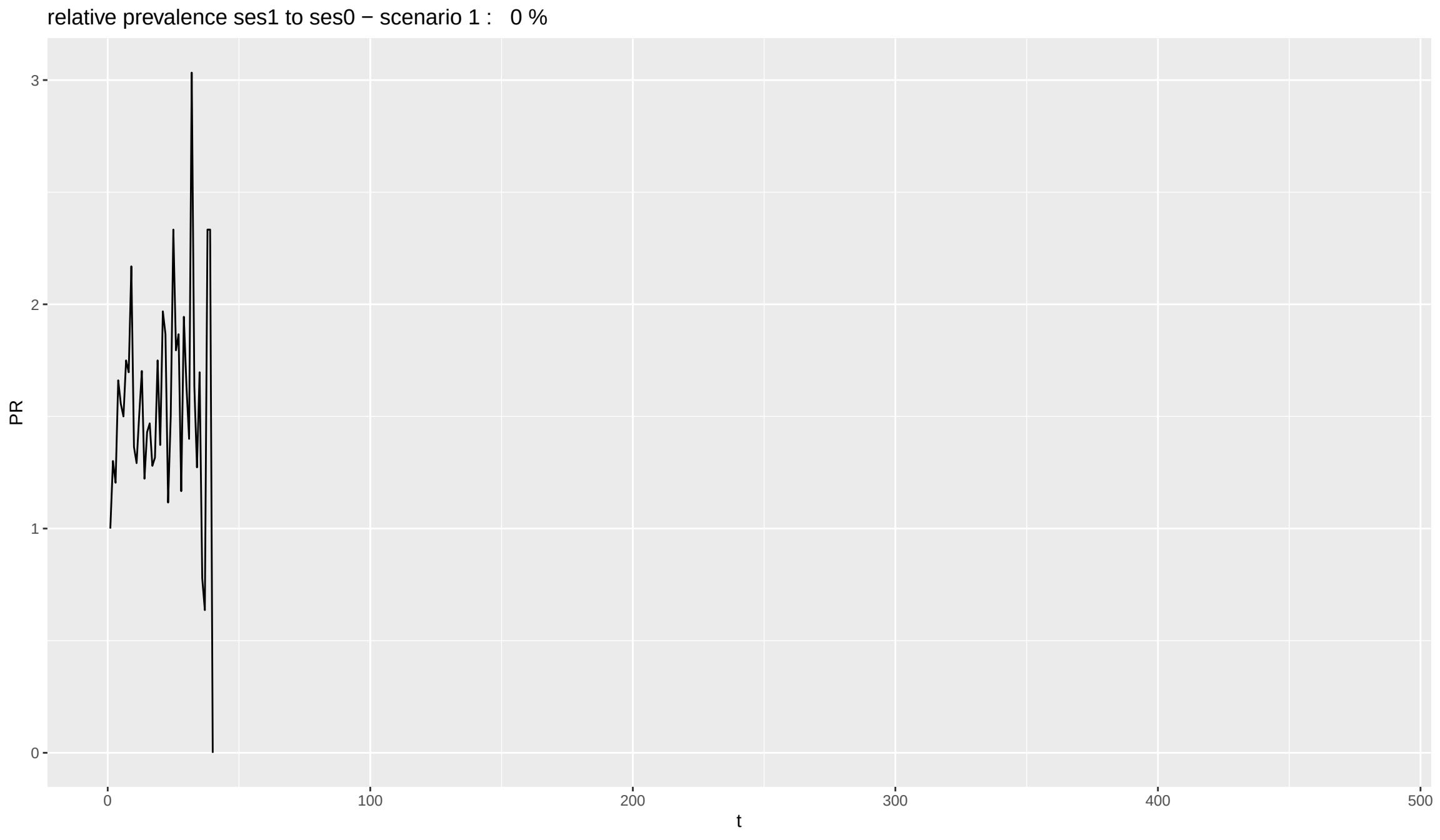
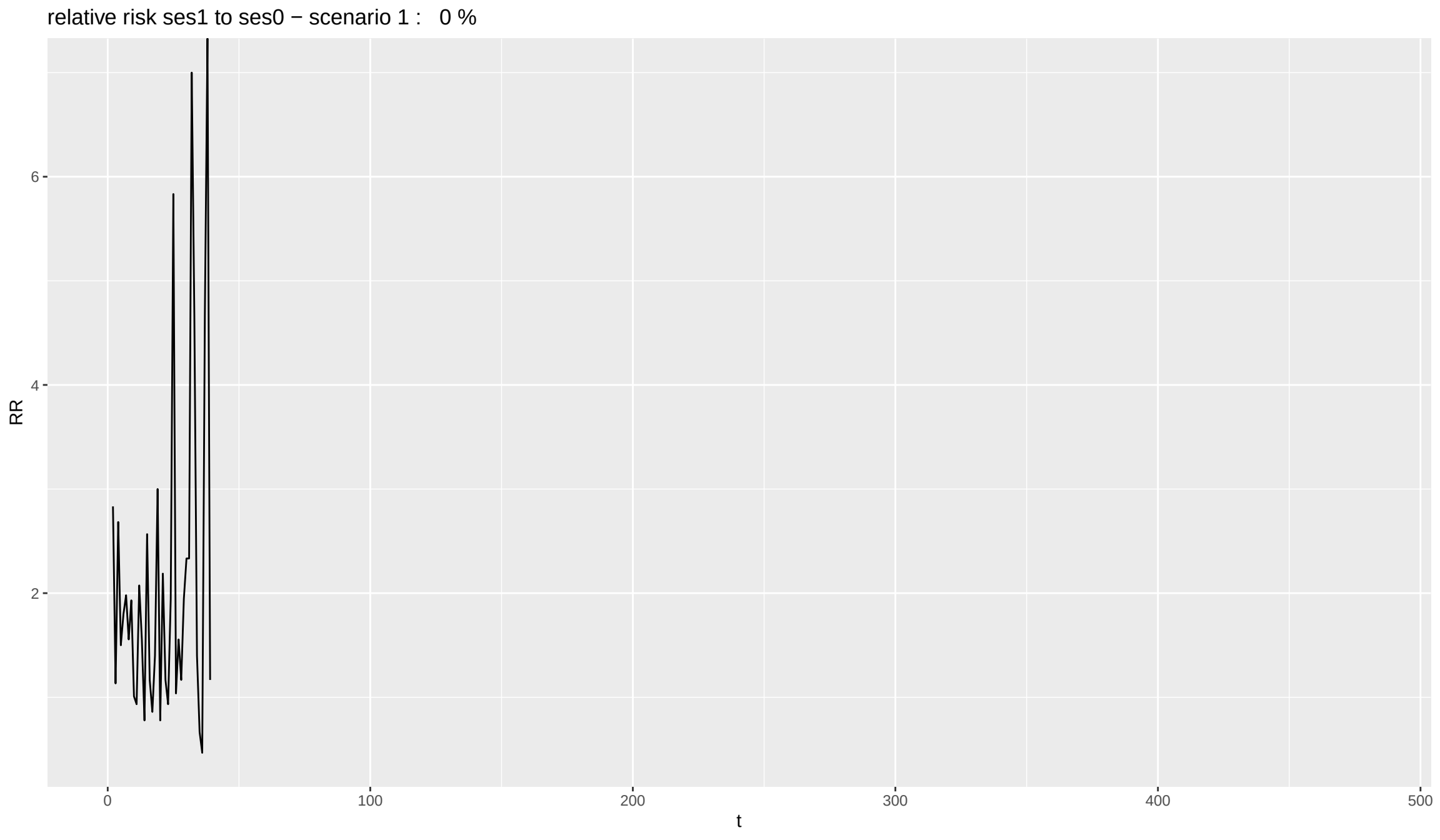
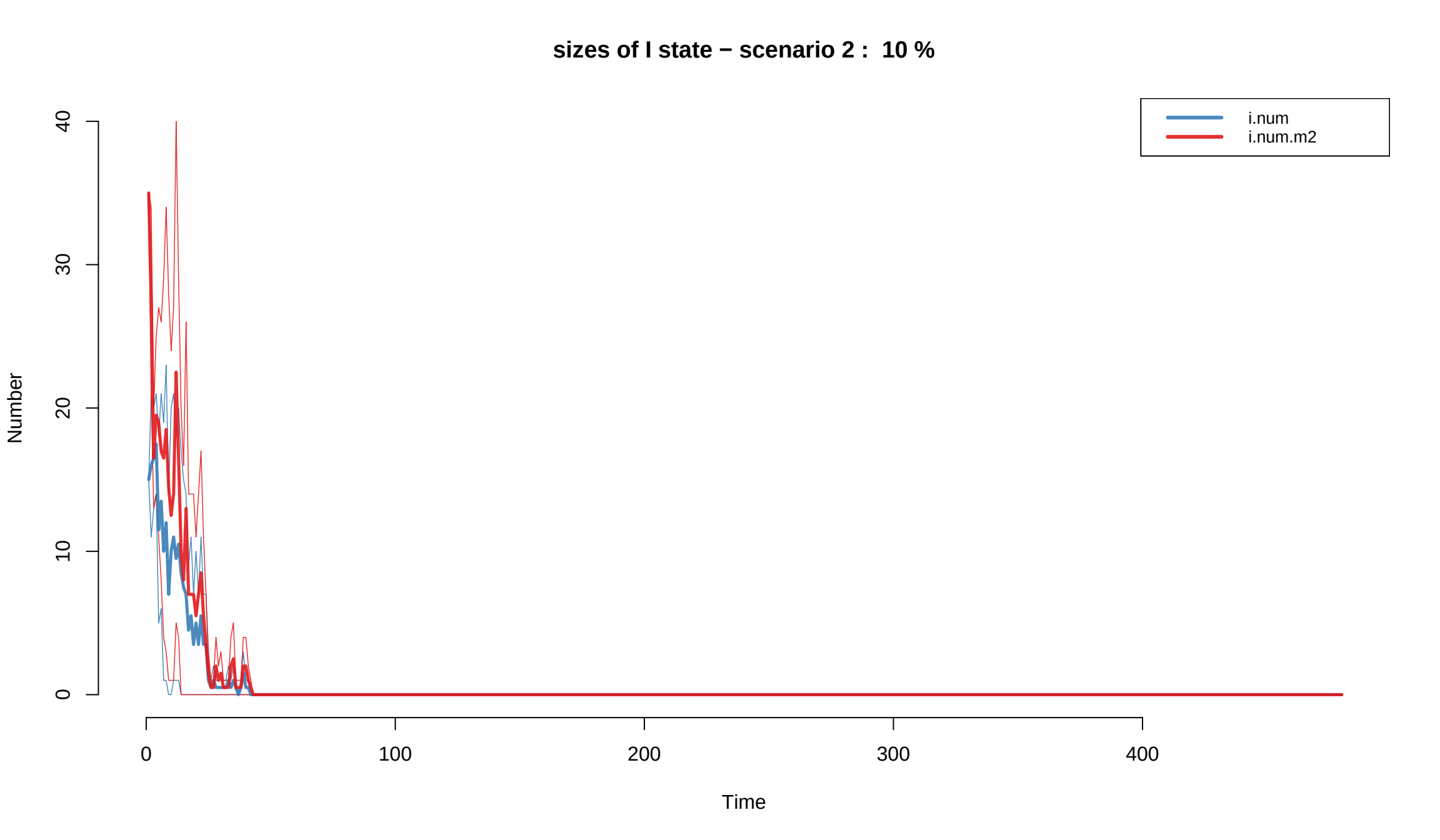

sizes of I state − scenario 1 : 0 %
i.num
i.num.m2
Number
0
10
20
30
40
50
0
100
200
300
400
Time

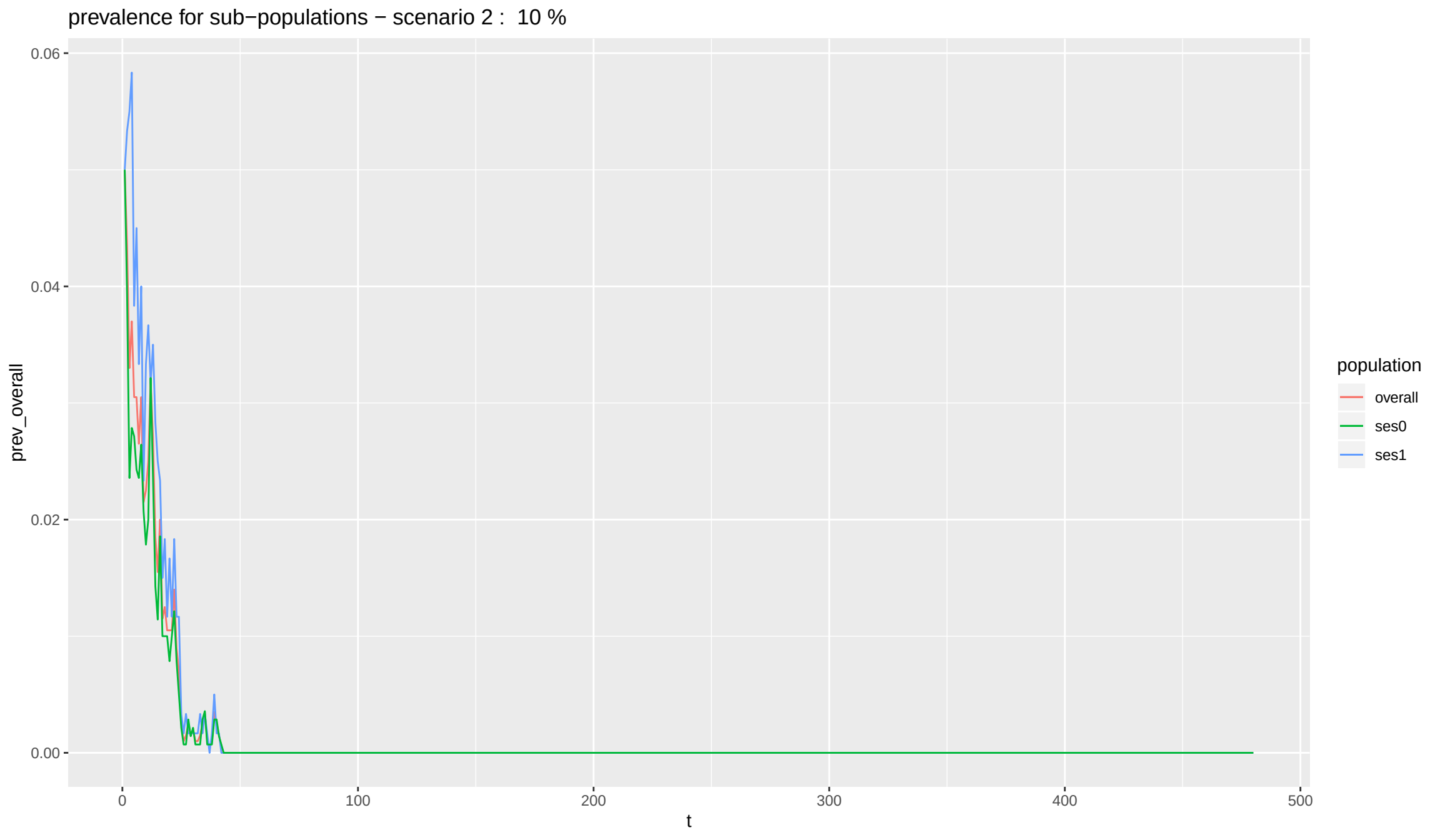

prevalence for sub−populations − scenario 1 : 0 %
prev_overall
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1

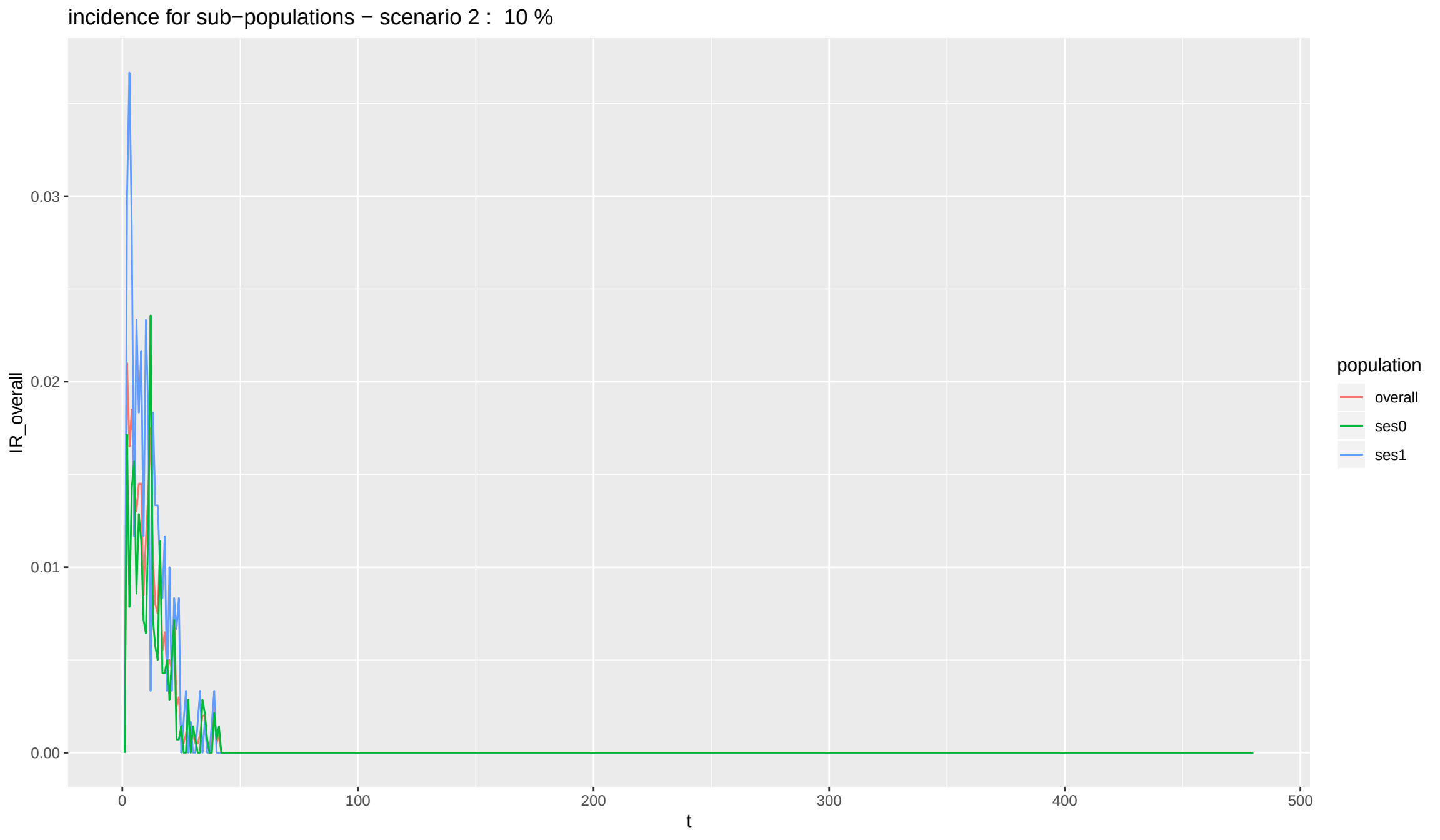

incidence for sub−populations − scenario 1 : 0 %
IR_overall
0.04
0.03
0.02
0.01
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

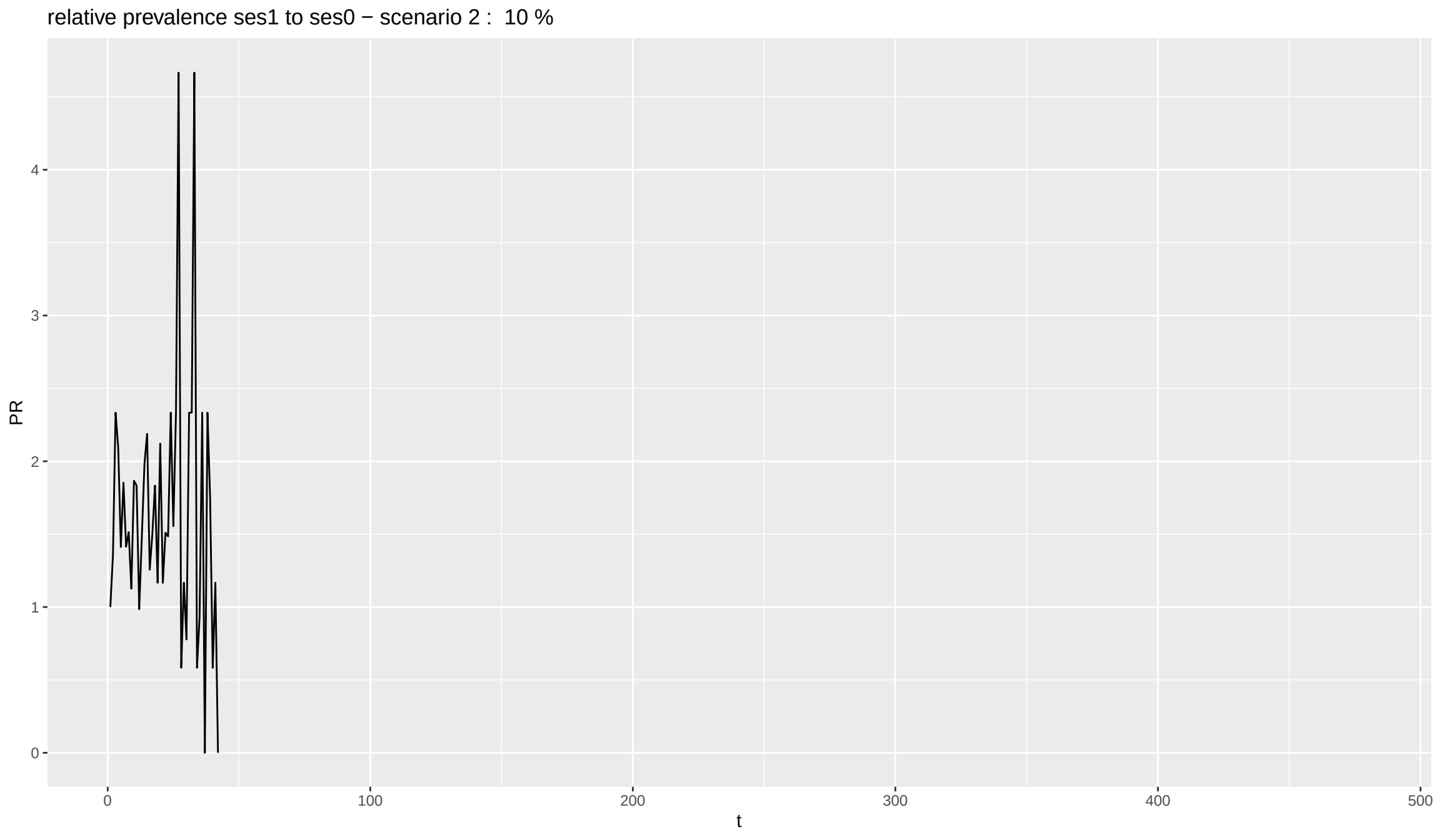

relative prevalence ses1 to ses0 − scenario 1 : 0 %
PR
3
2
1
0
0
100
200
300
400
500
t

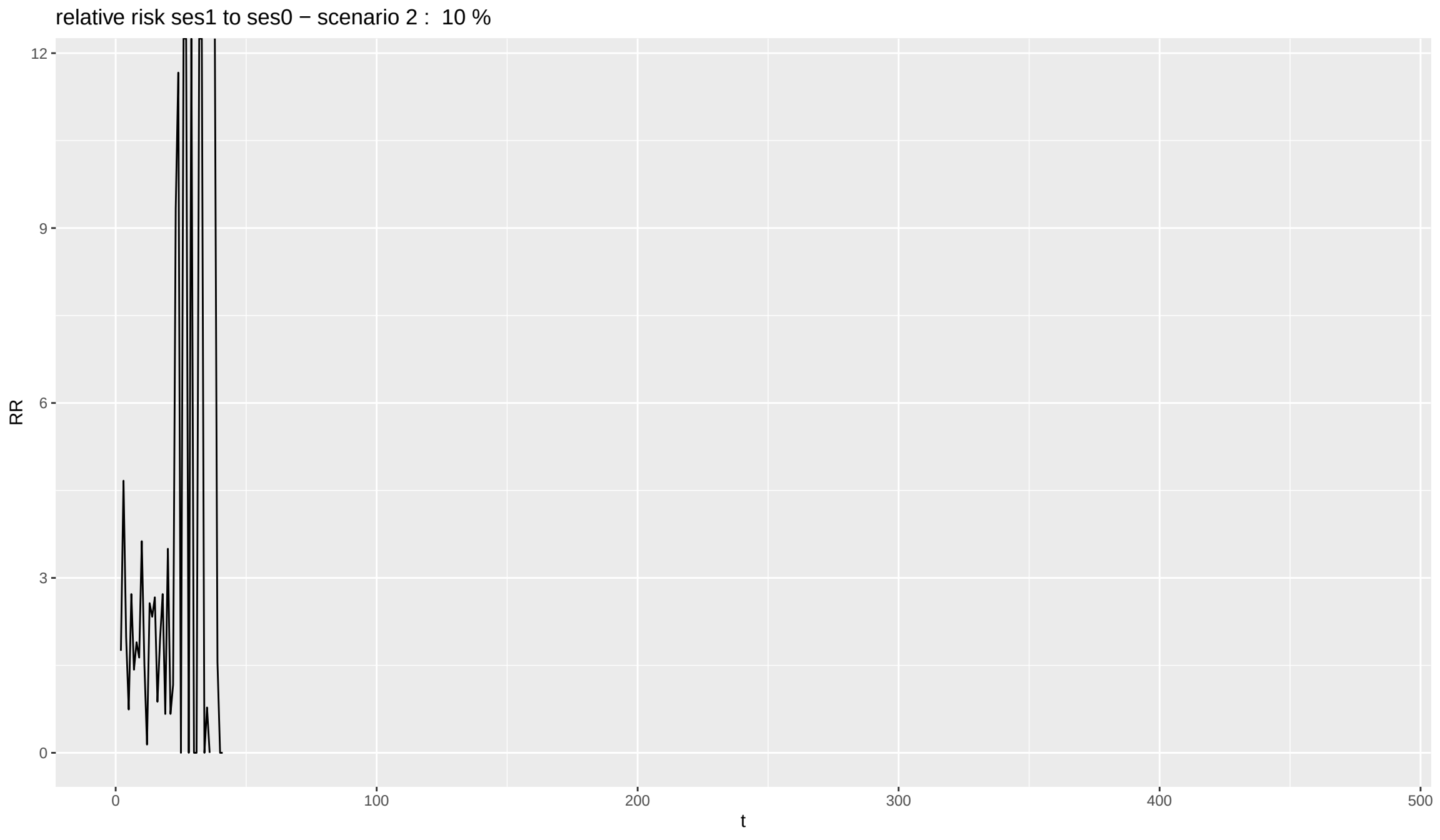

relative risk ses1 to ses0 − scenario 1 : 0 %
RR
6
4
2
0
100
200
300
400
500
t

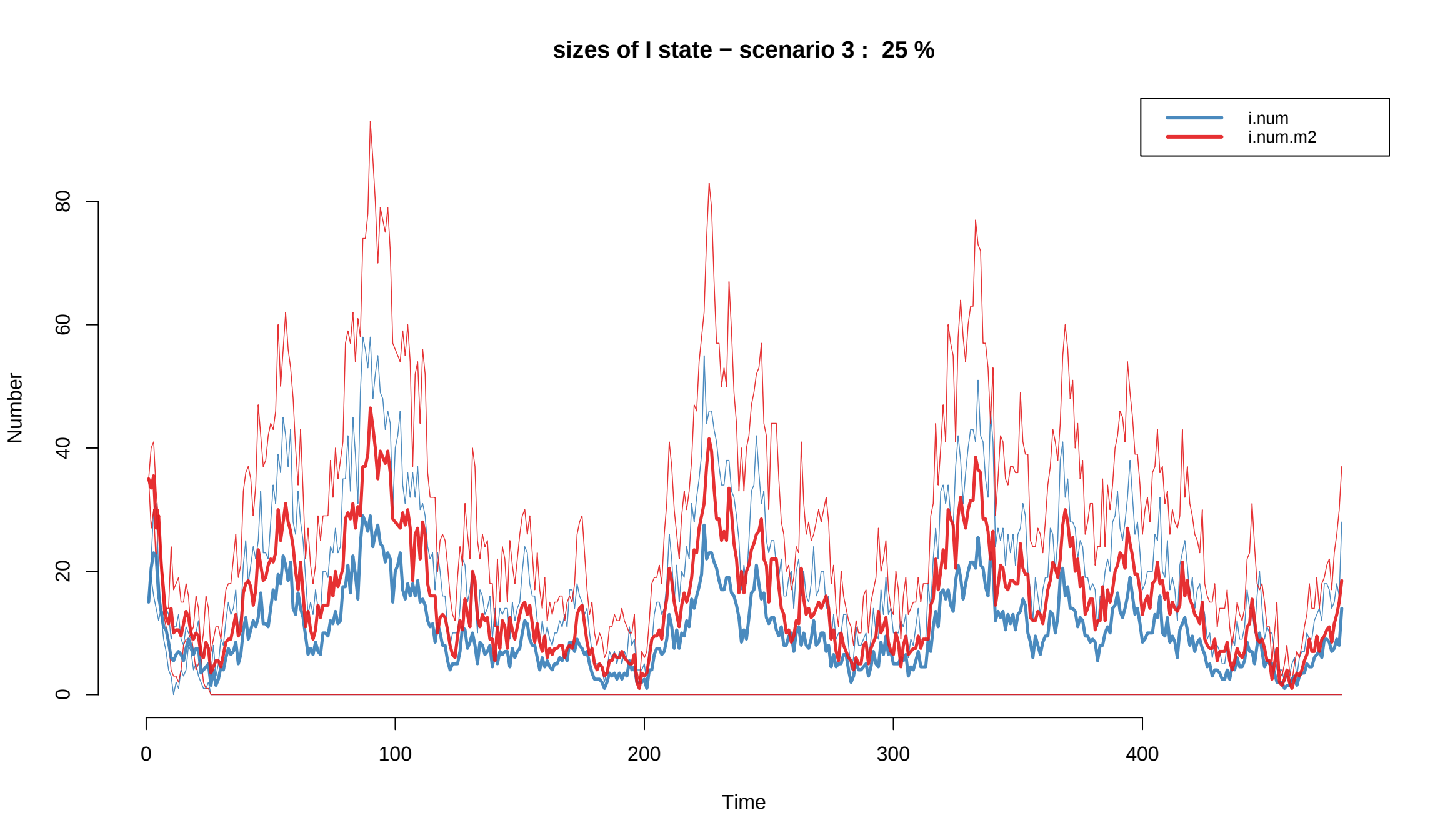

sizes of I state − scenario 2 : 10 %
i.num
i.num.m2
Number
0
10
20
30
40
0
100
200
300
400
Time

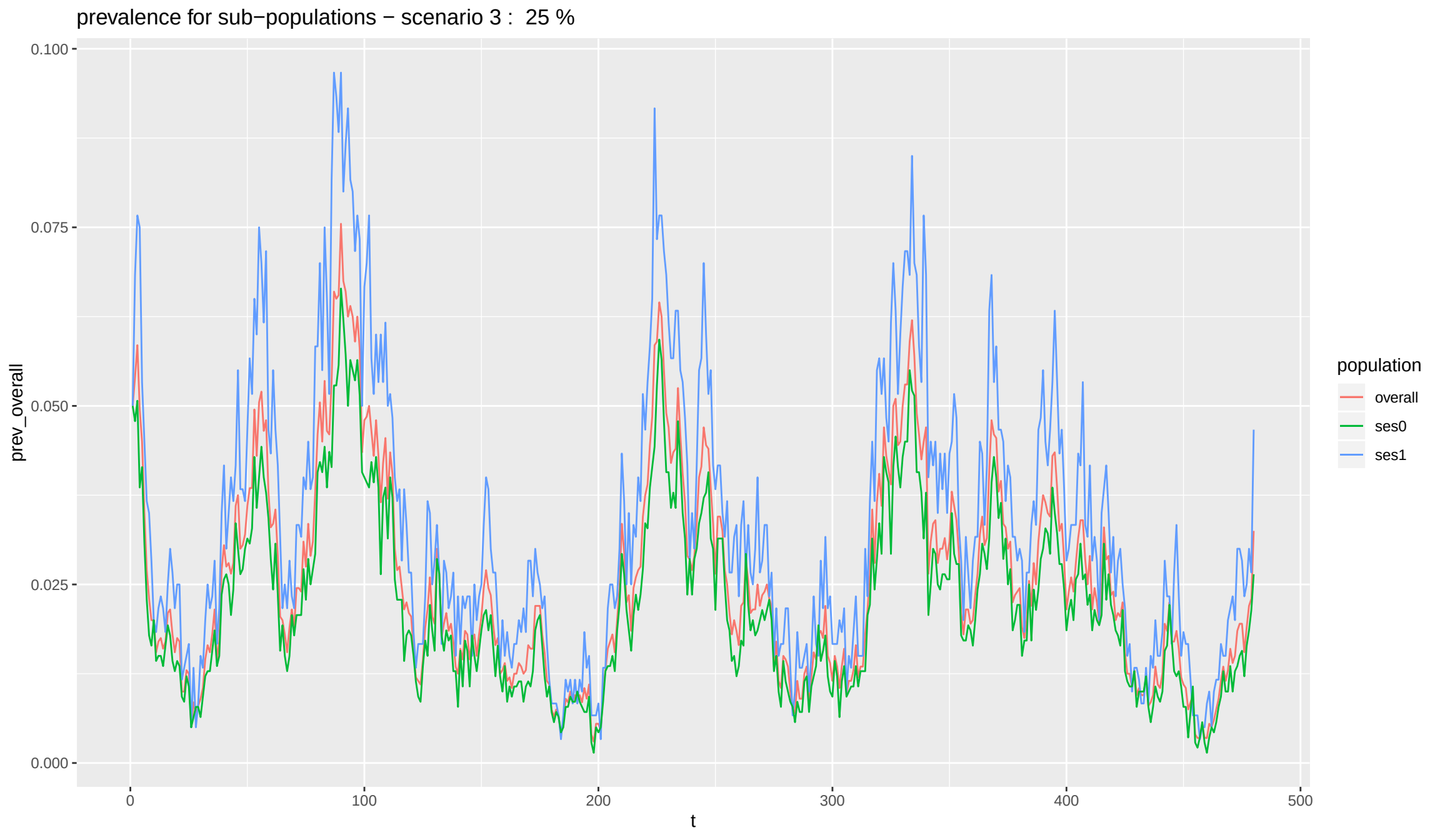

prevalence for sub−populations − scenario 2 : 10 %
prev_overall
0.06
0.04
0.02
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

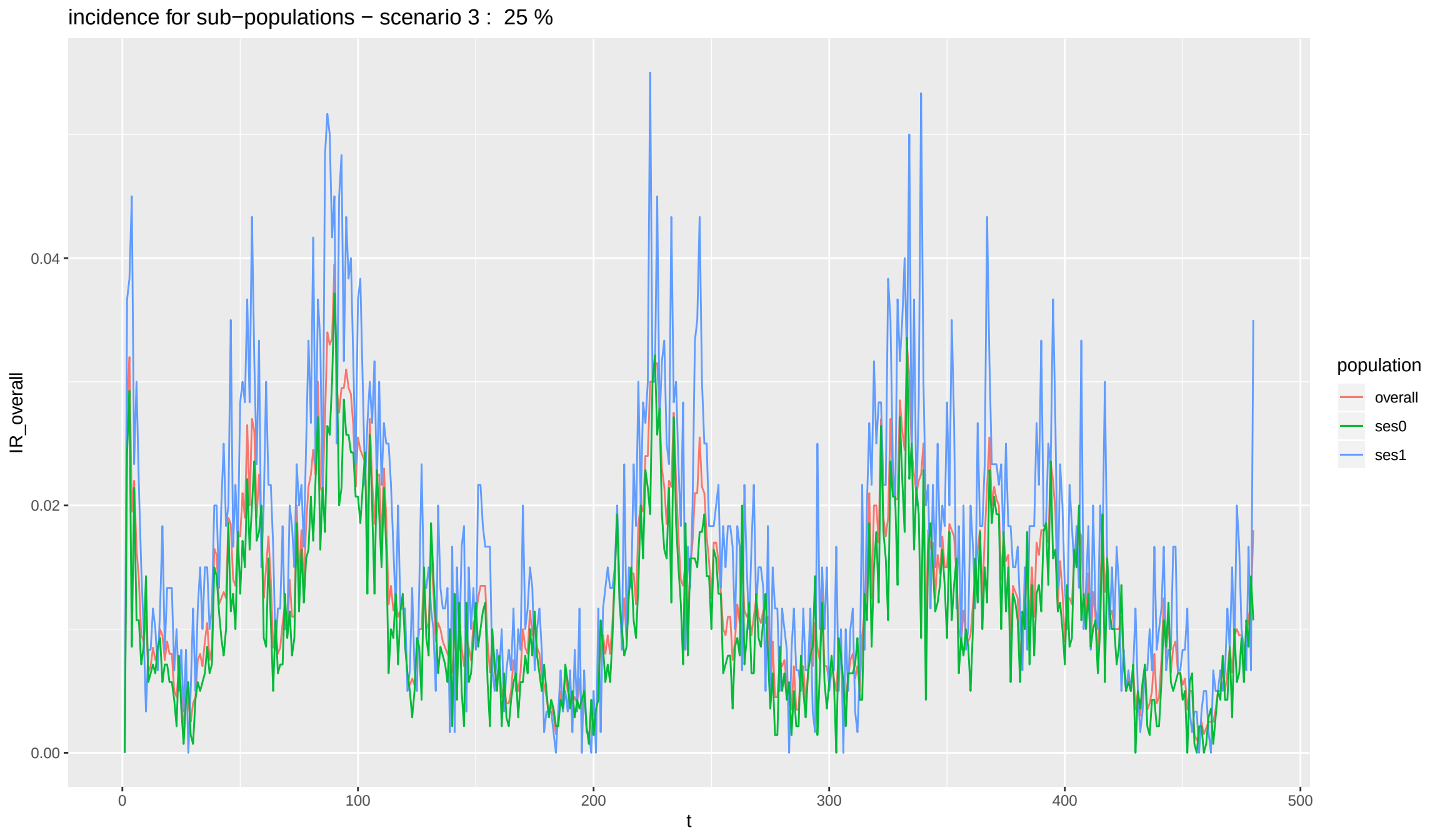

incidence for sub−populations − scenario 2 : 10 %
IR_overall
0.03
0.02
0.01
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

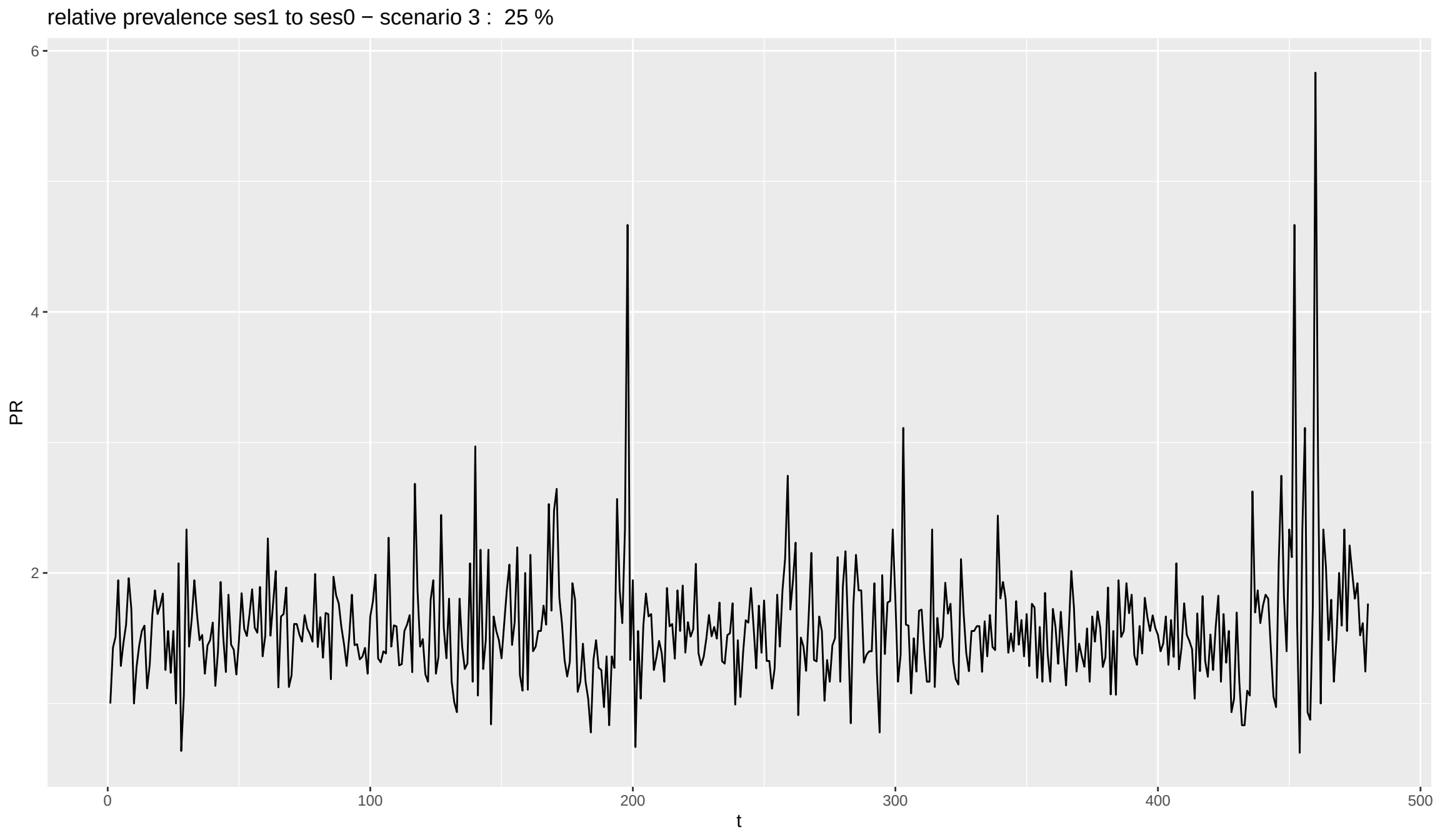

relative prevalence ses1 to ses0 − scenario 2 : 10 %
PR
0
1
2
3
4
0
100
200
300
400
500
t

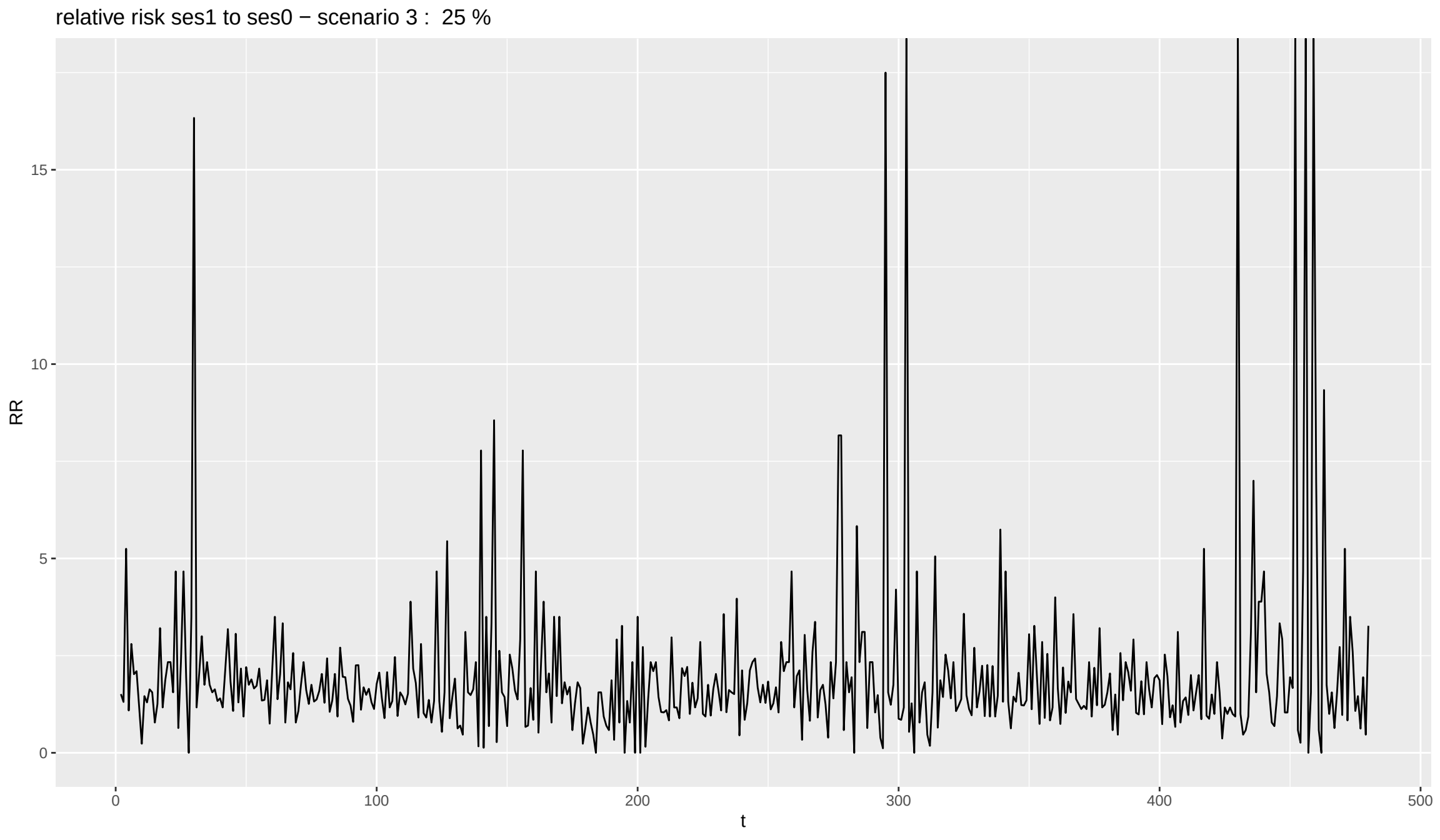

relative risk ses1 to ses0 − scenario 2 : 10 %
RR
12
9
6
3
0
0
100
200
300
400
500
t

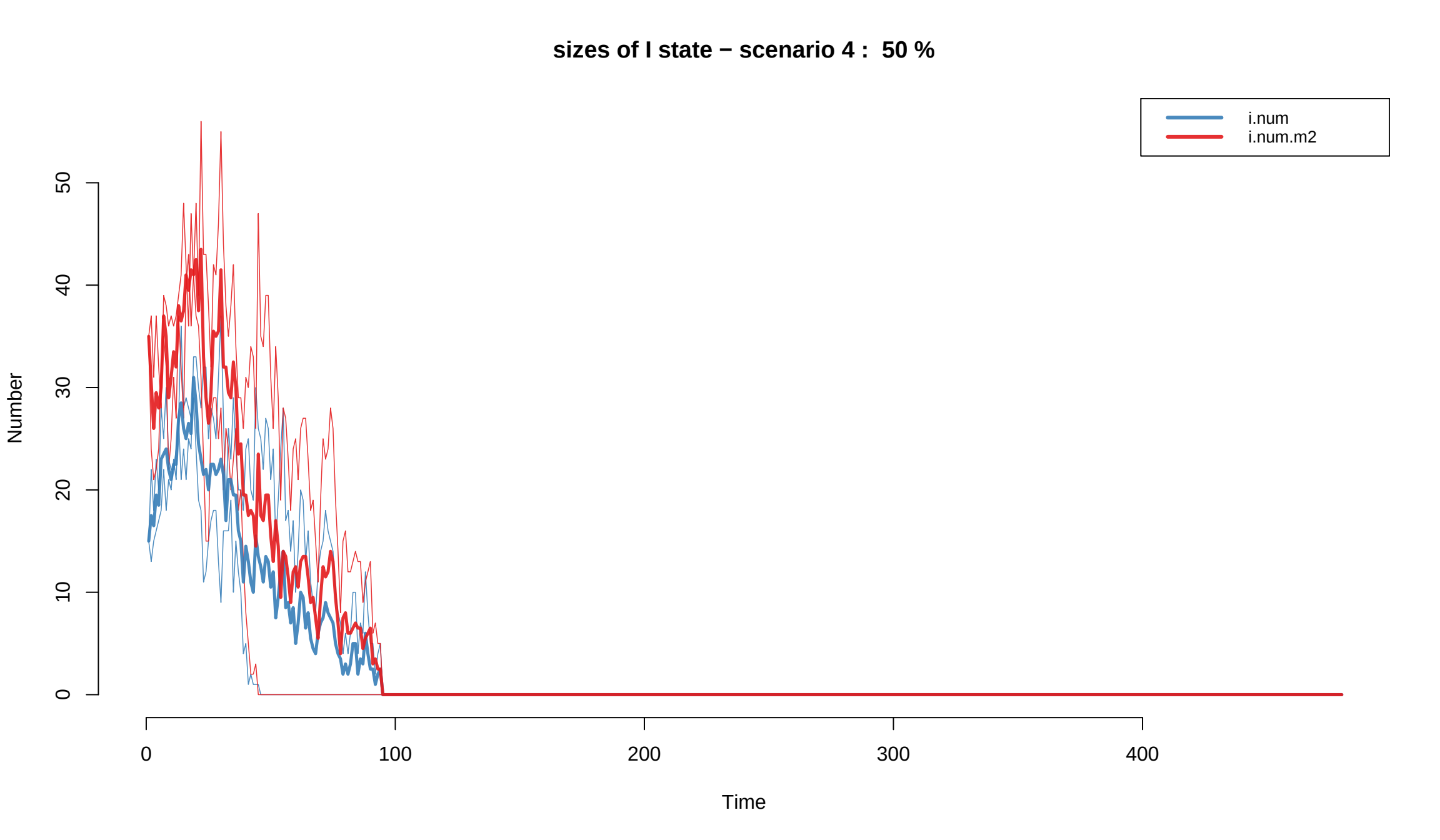

sizes of I state − scenario 3 : 25 %
i.num
i.num.m2
Number
0
20
40
60
80
0
100
200
300
400
Time

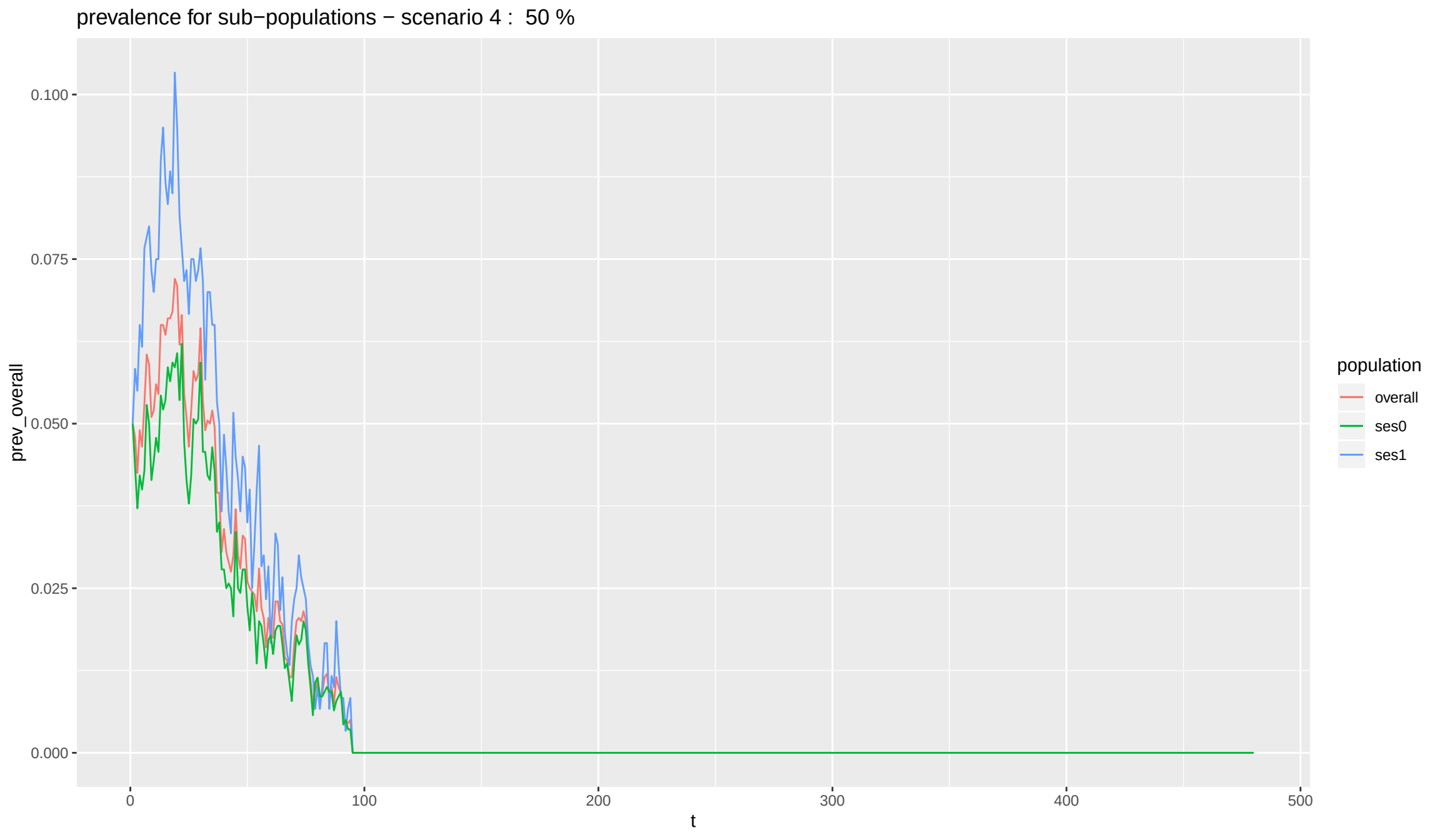

prevalence for sub−populations − scenario 3 : 25 %
prev_overall
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1

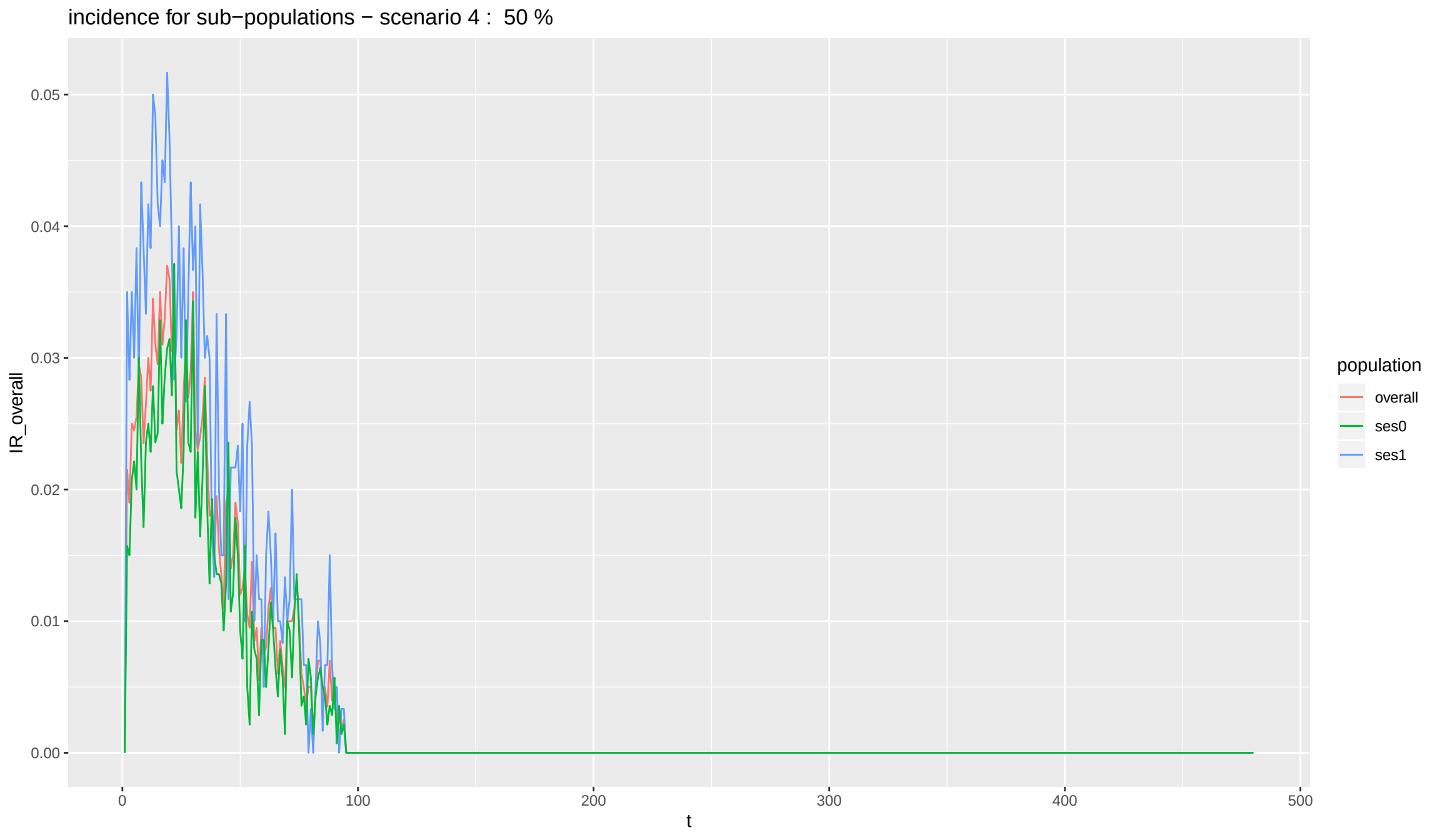

incidence for sub−populations − scenario 3 : 25 %
IR_overall
0.04
0.02
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

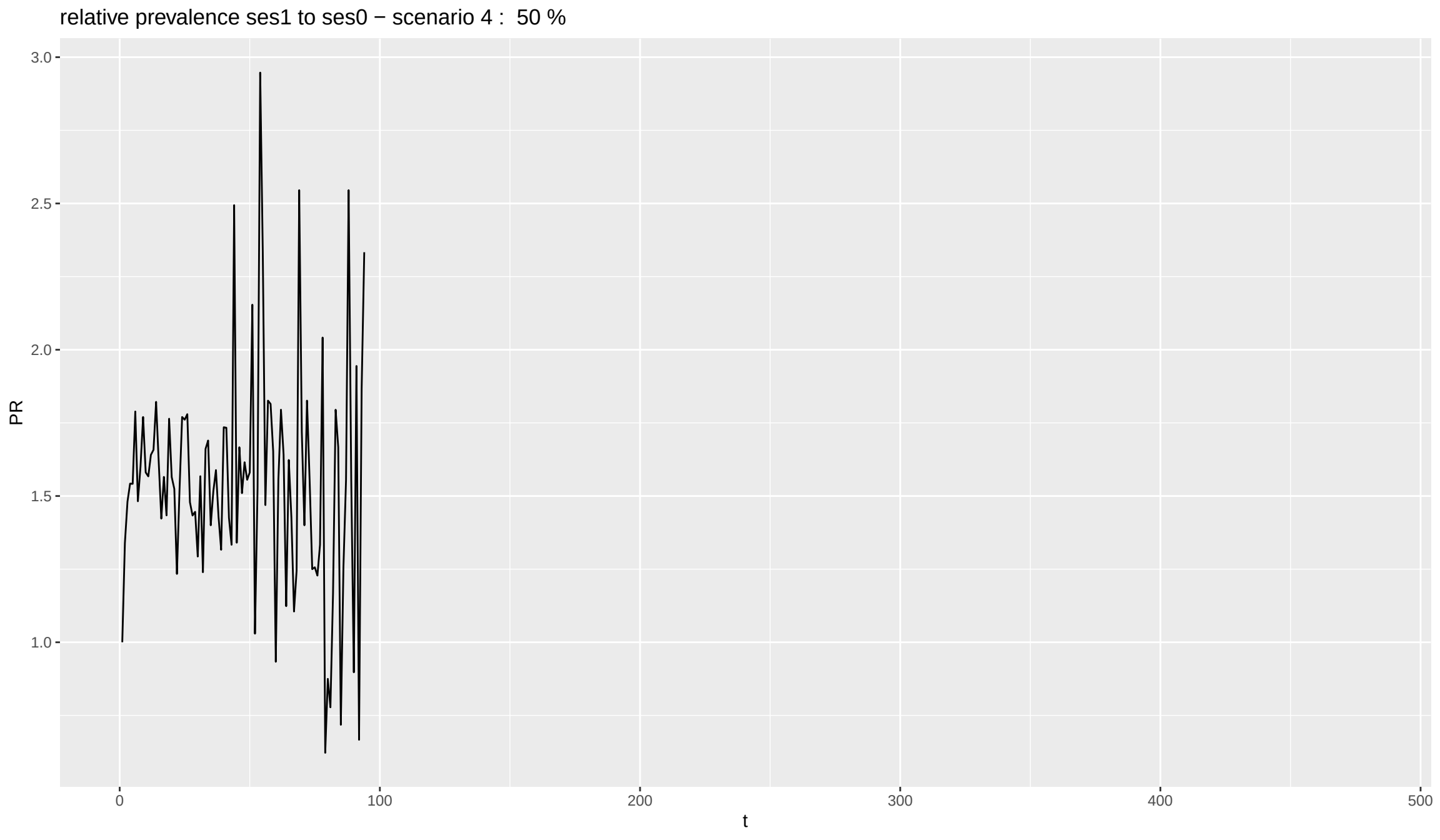

relative prevalence ses1 to ses0 − scenario 3 : 25 %
6
4
2
PR
0
100
200
300
400
500
t

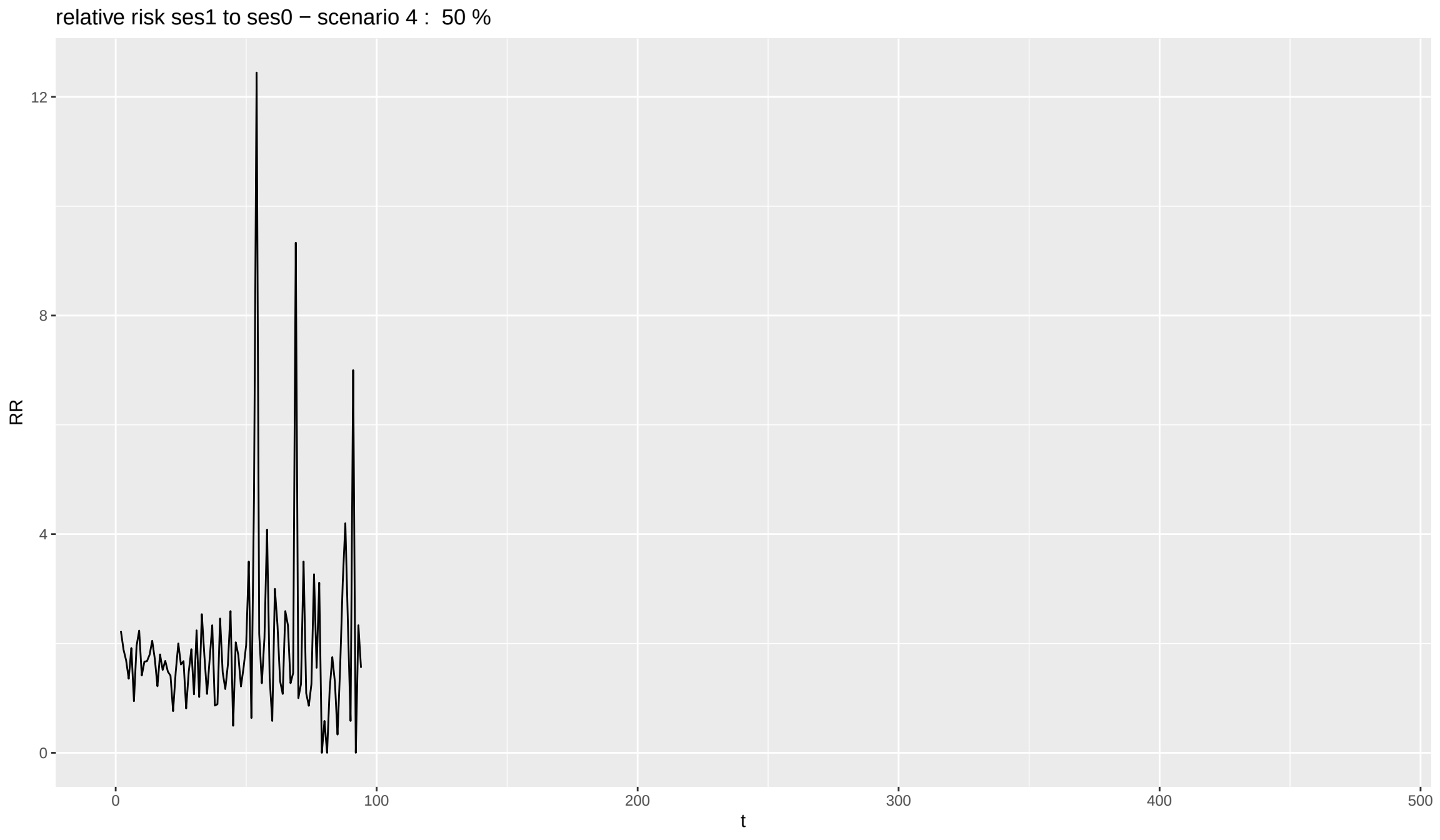

relative risk ses1 to ses0 − scenario 3 : 25 %
RR
15
10
5
0
0
100
200
300
400
500
t

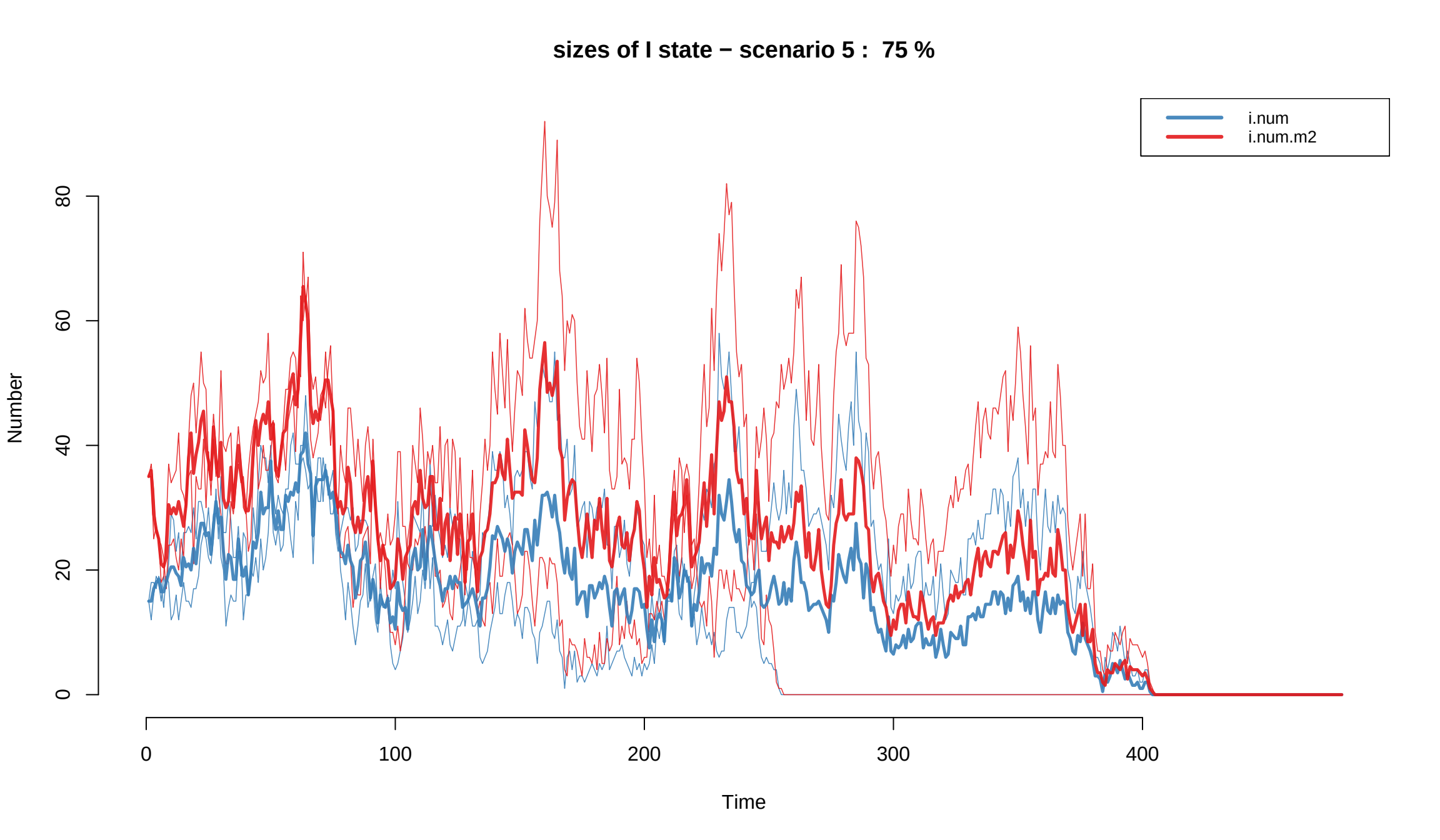

sizes of I state − scenario 4 : 50 %
i.num
i.num.m2
Number
0
10
20
30
40
50
0
100
200
300
400
Time

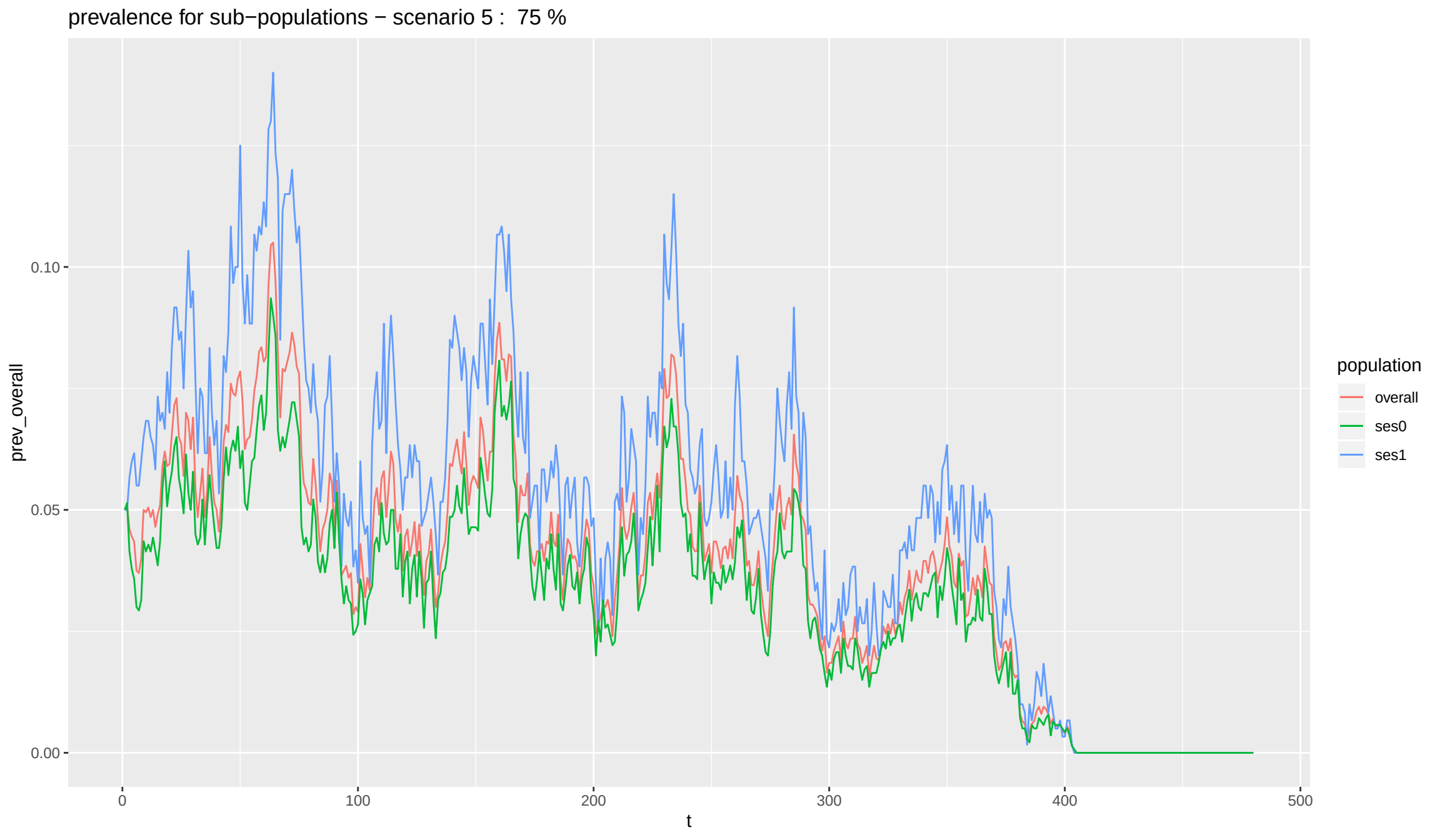

prevalence for sub−populations − scenario 4 : 50 %
prev_overall
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1

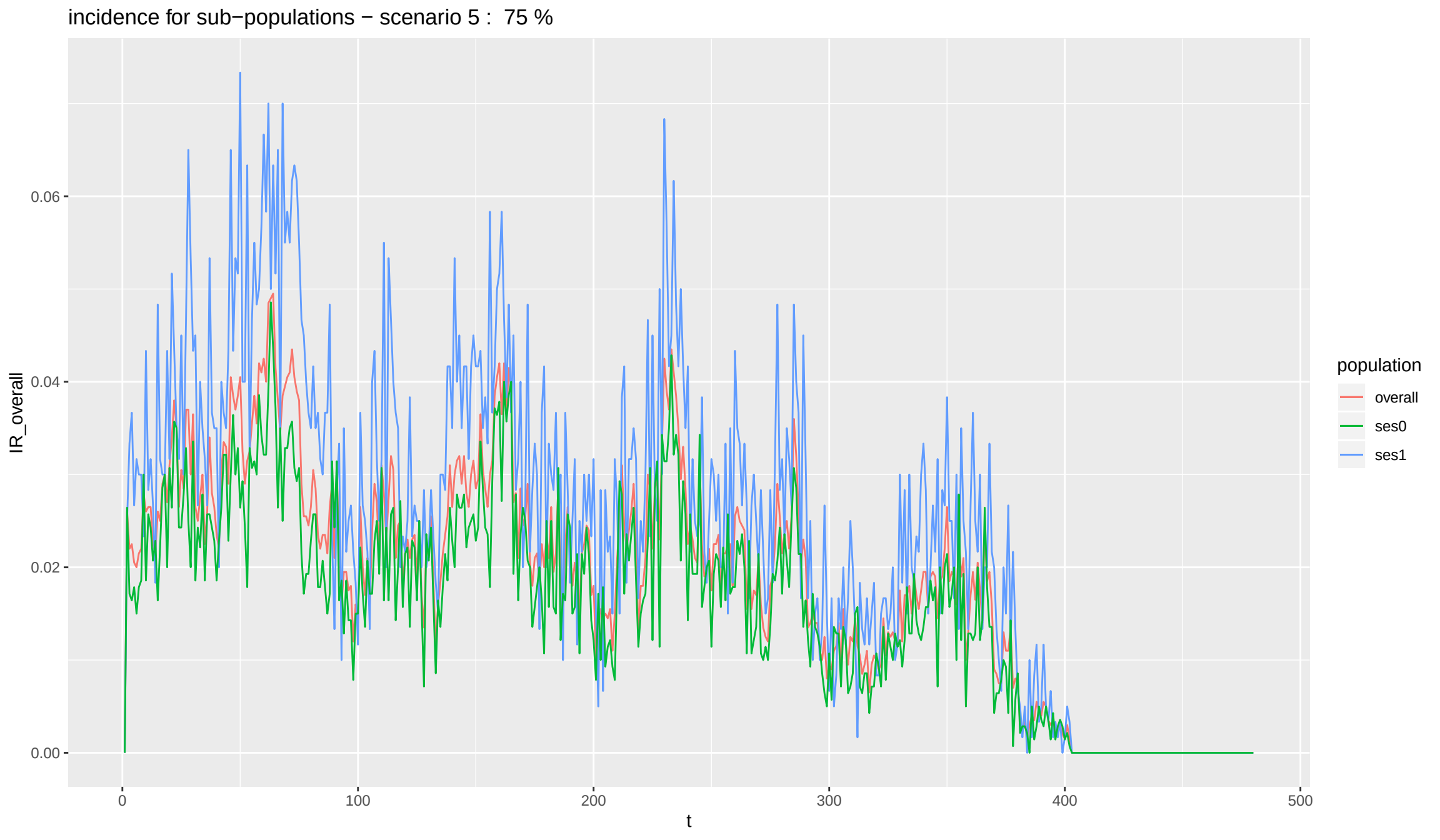

incidence for sub−populations − scenario 4 : 50 %
IR_overall
0.05
0.04
0.03
0.02
0.01
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

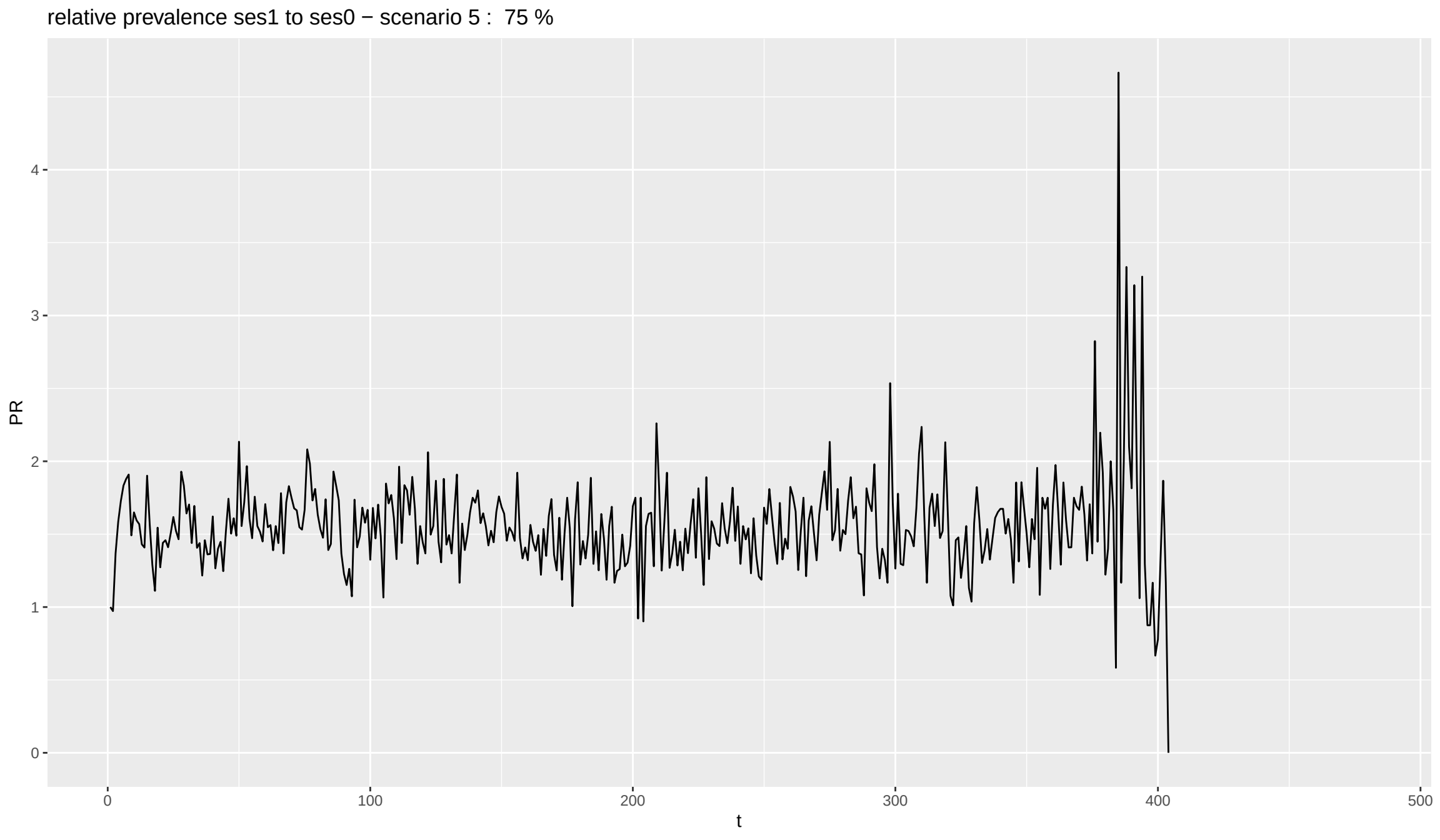

relative prevalence ses1 to ses0 − scenario 4 : 50 %
3.0
2.5
2.0
1.5
1.0
PR
0
100
200
300
400
500
t

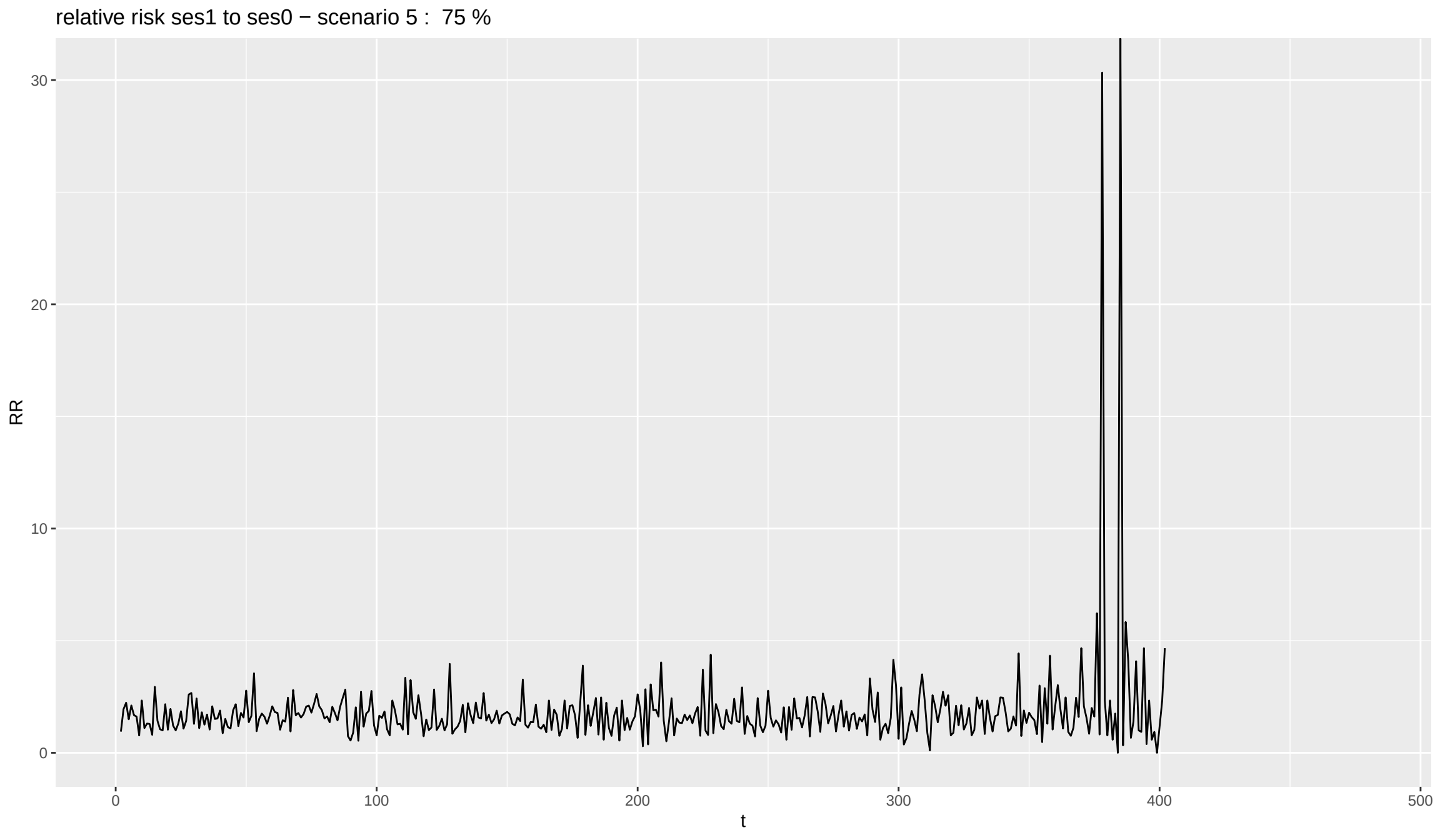

relative risk ses1 to ses0 − scenario 4 : 50 %
RR
12
8
4
0
0
100
200
300
400
500
t

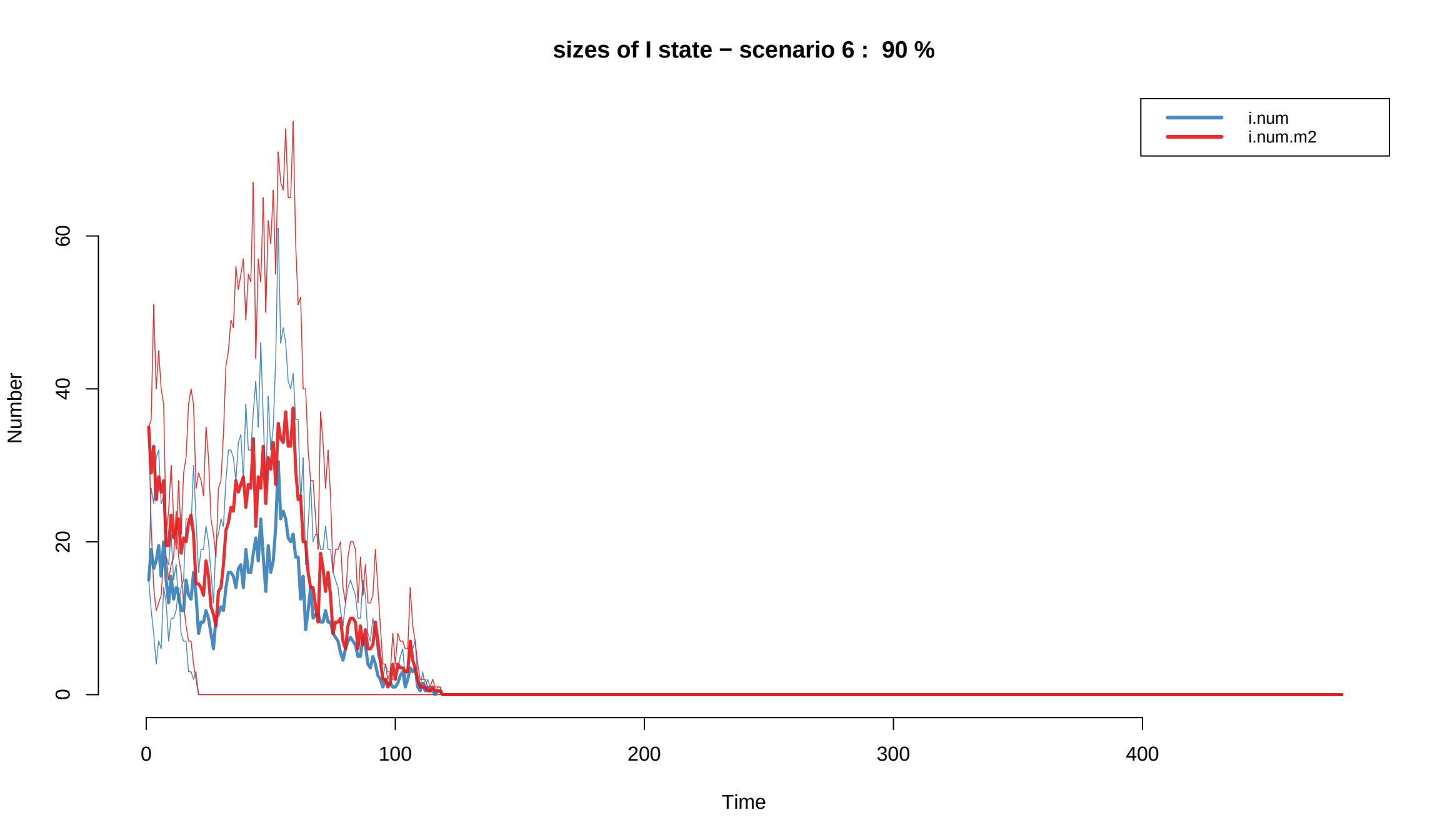

sizes of I state − scenario 5 : 75 %
i.num
i.num.m2
Number
0
20
40
60
80
0
100
200
300
400
Time

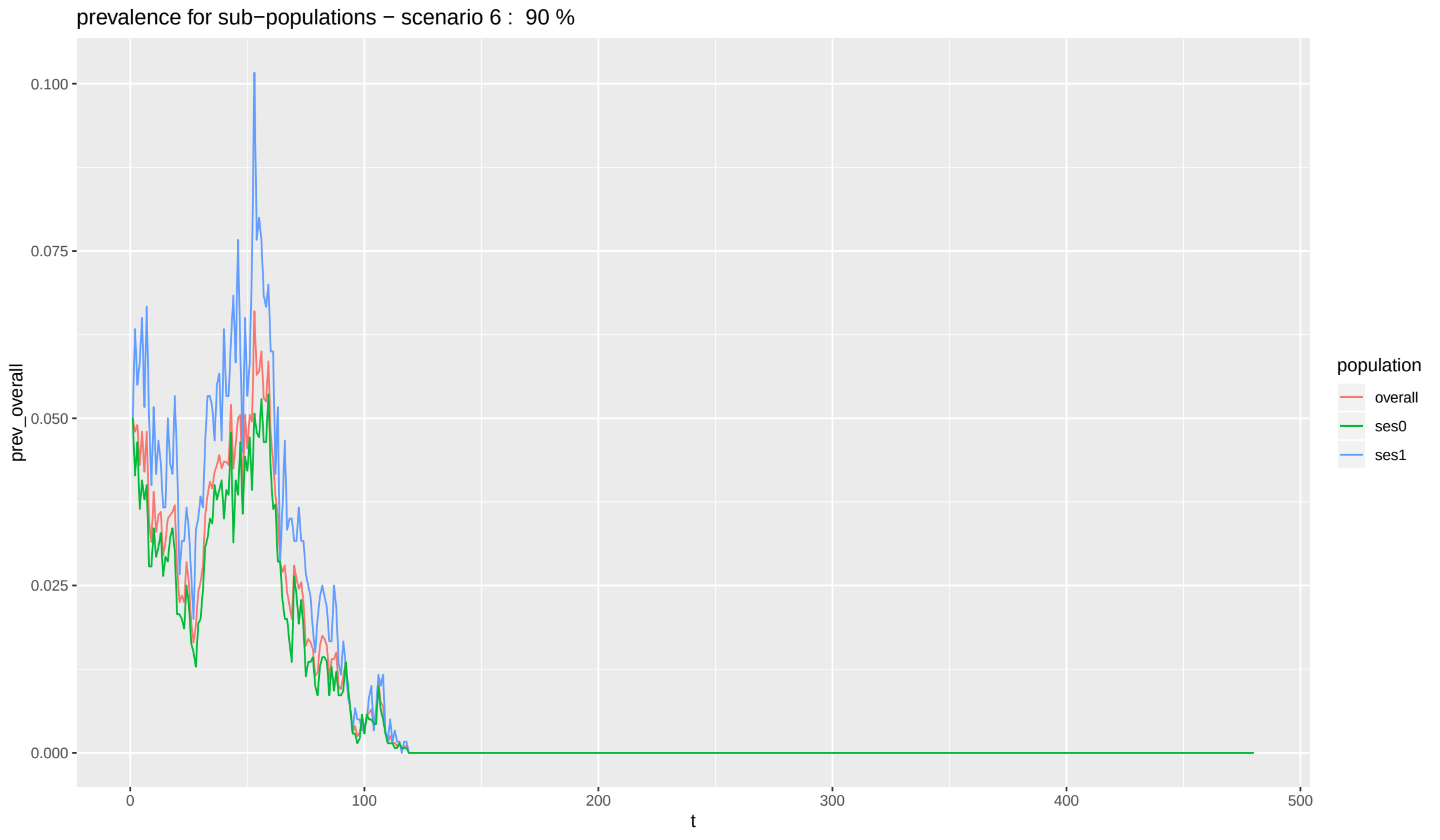

prevalence for sub−populations − scenario 5 : 75 %
prev_overall
0.10
0.05
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

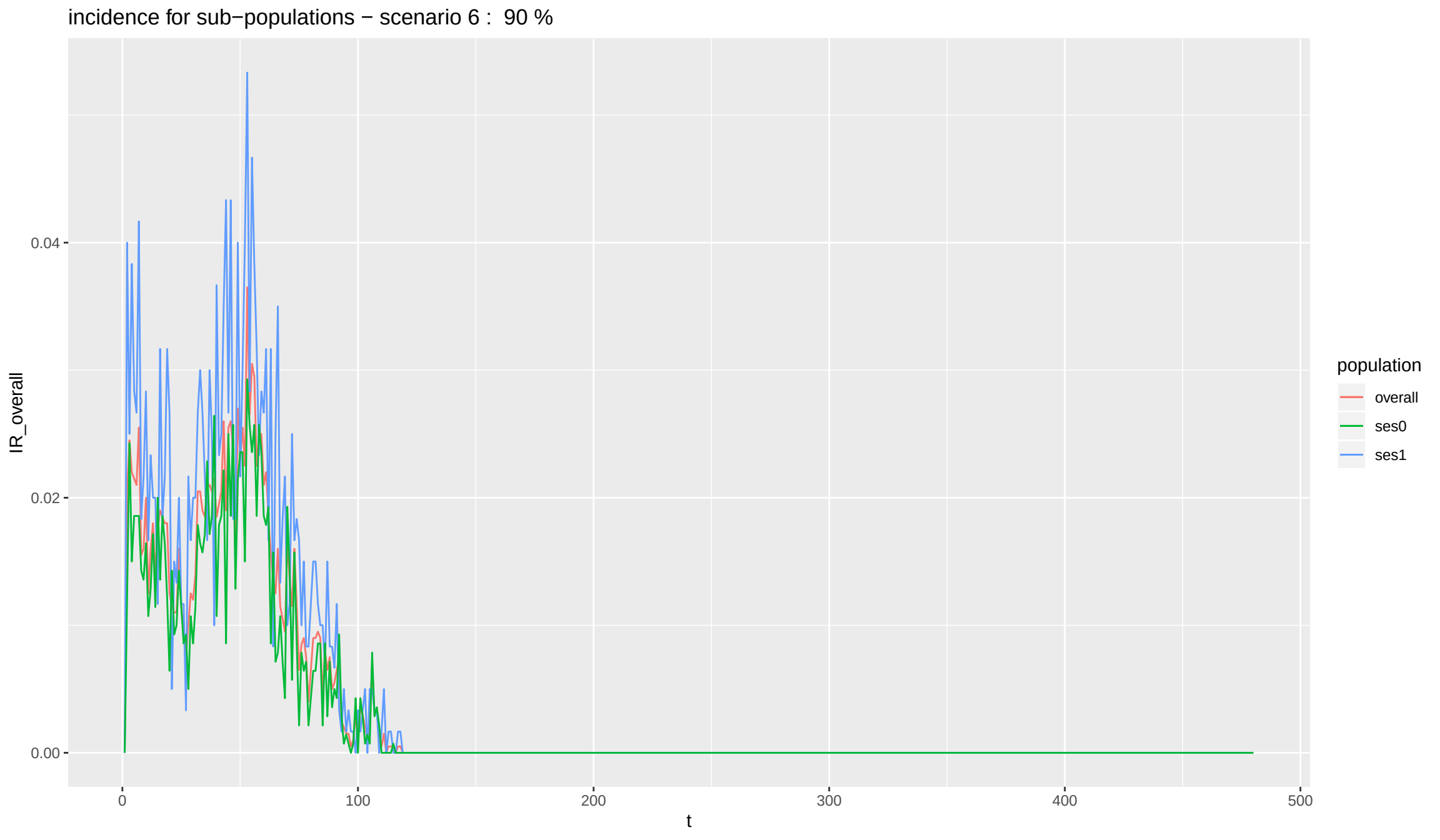

incidence for sub−populations − scenario 5 : 75 %
IR_overall
0.06
0.04
0.02
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

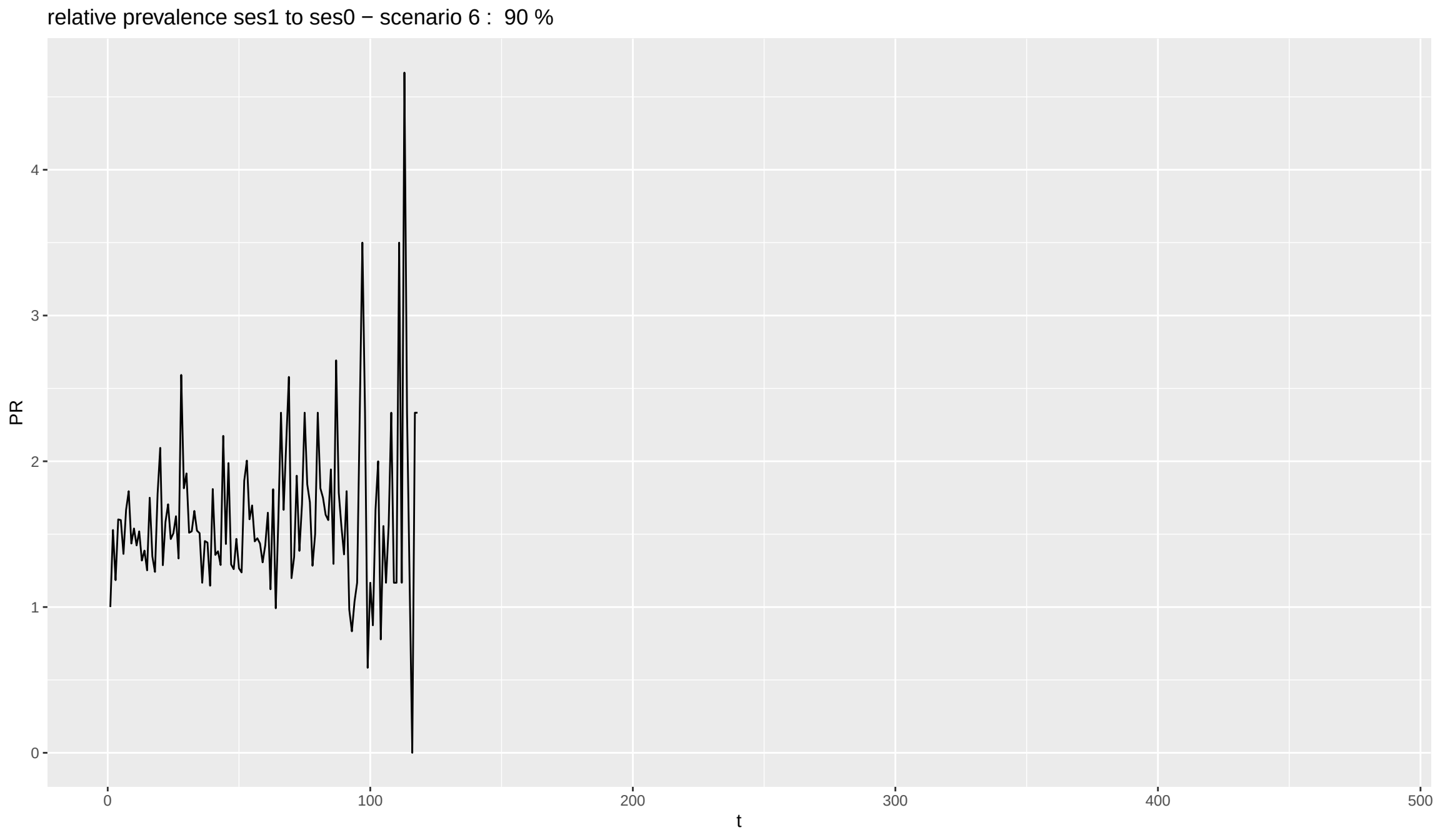

relative prevalence ses1 to ses0 − scenario 5 : 75 %
PR
t
0
1
2
3
4
0
100
200
300
400
500

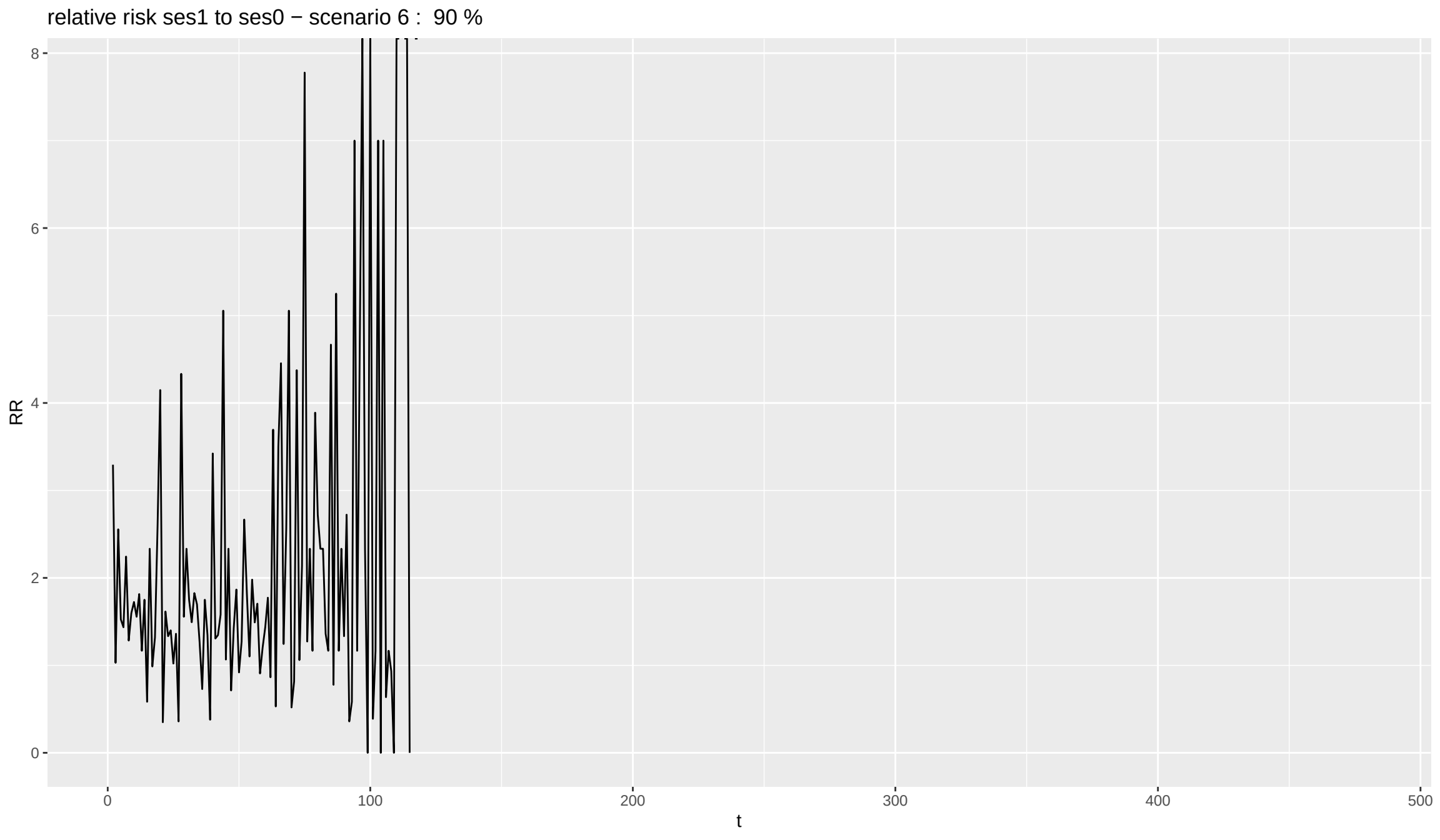

relative risk ses1 to ses0 − scenario 5 : 75 %
RR
30
20
10
0
0
100
200
300
400
500
t

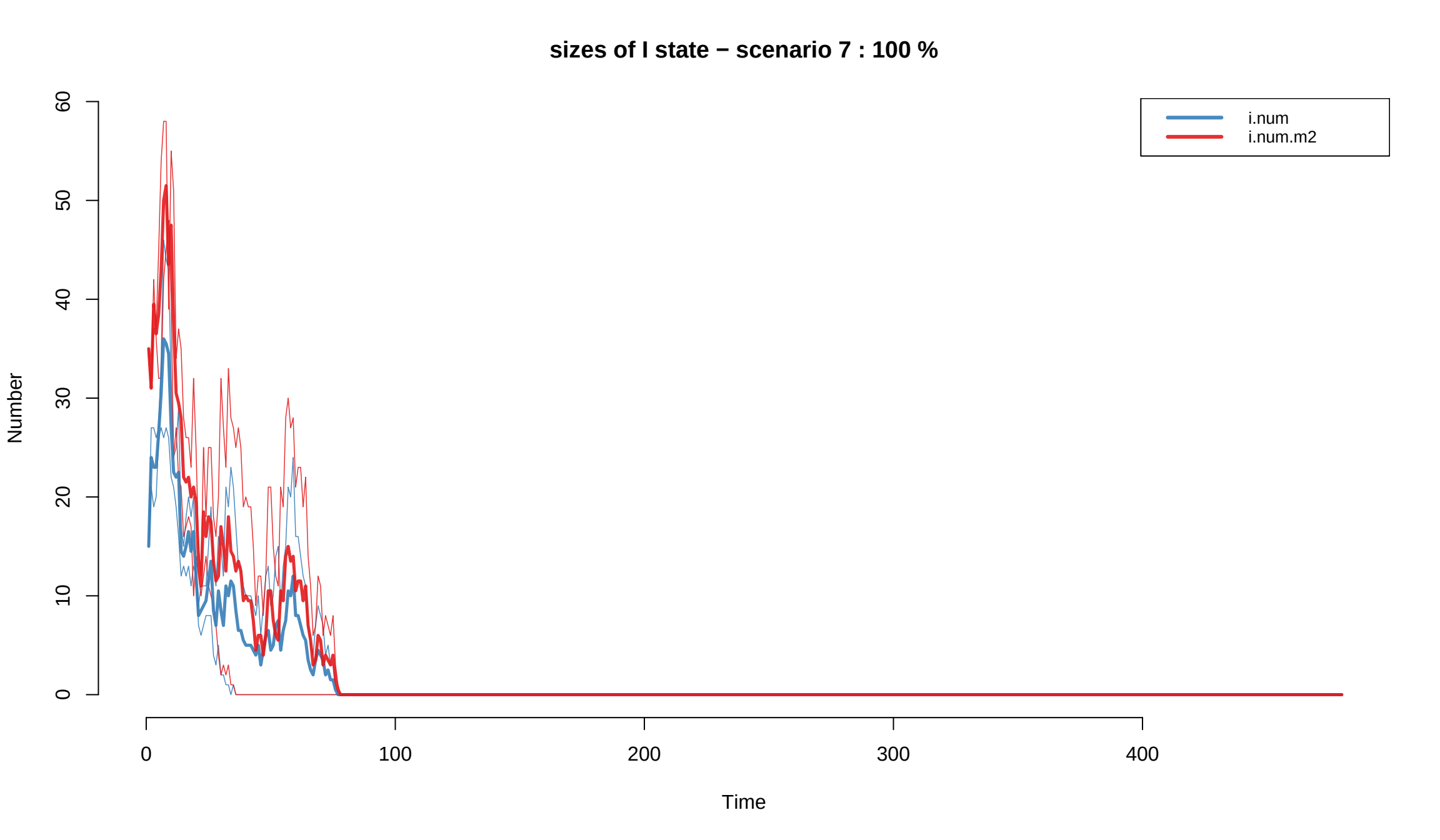

sizes of I state − scenario 6 : 90 %
i.num
i.num.m2
Number
0
20
40
60
0
100
200
300
400
Time

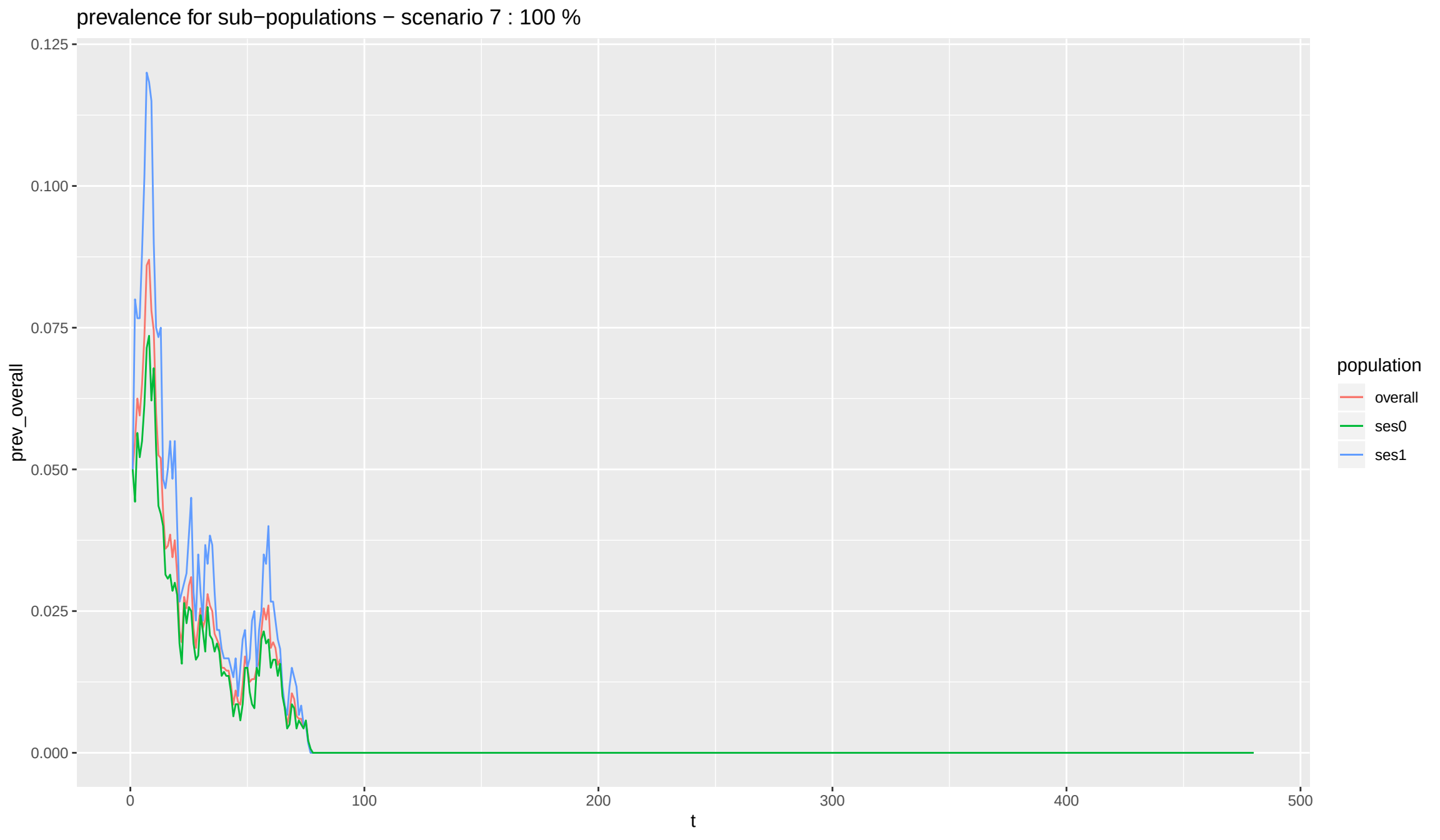

prevalence for sub−populations − scenario 6 : 90 %
prev_overall
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1

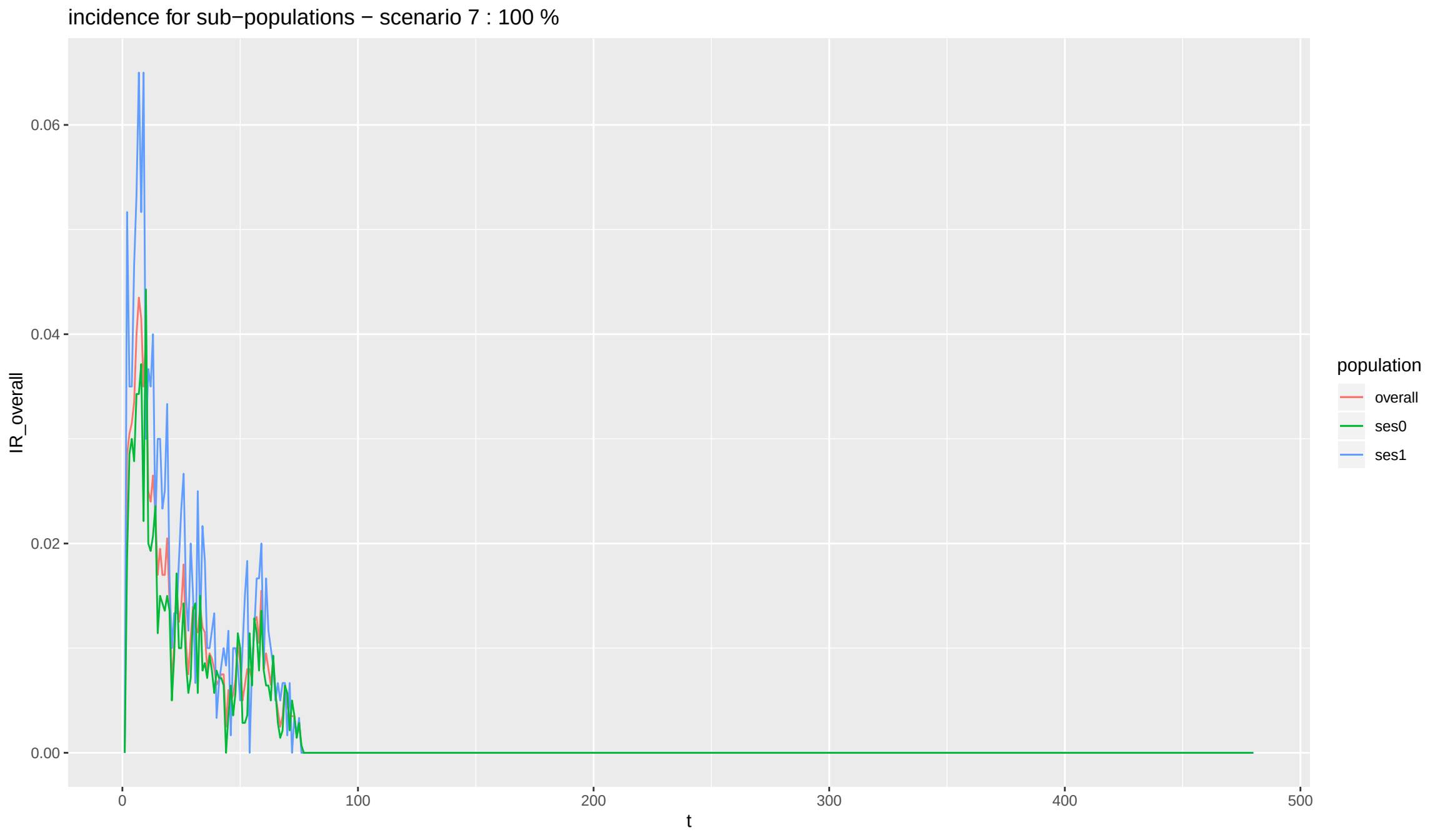

incidence for sub−populations − scenario 6 : 90 %
IR_overall
0.04
0.02
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1

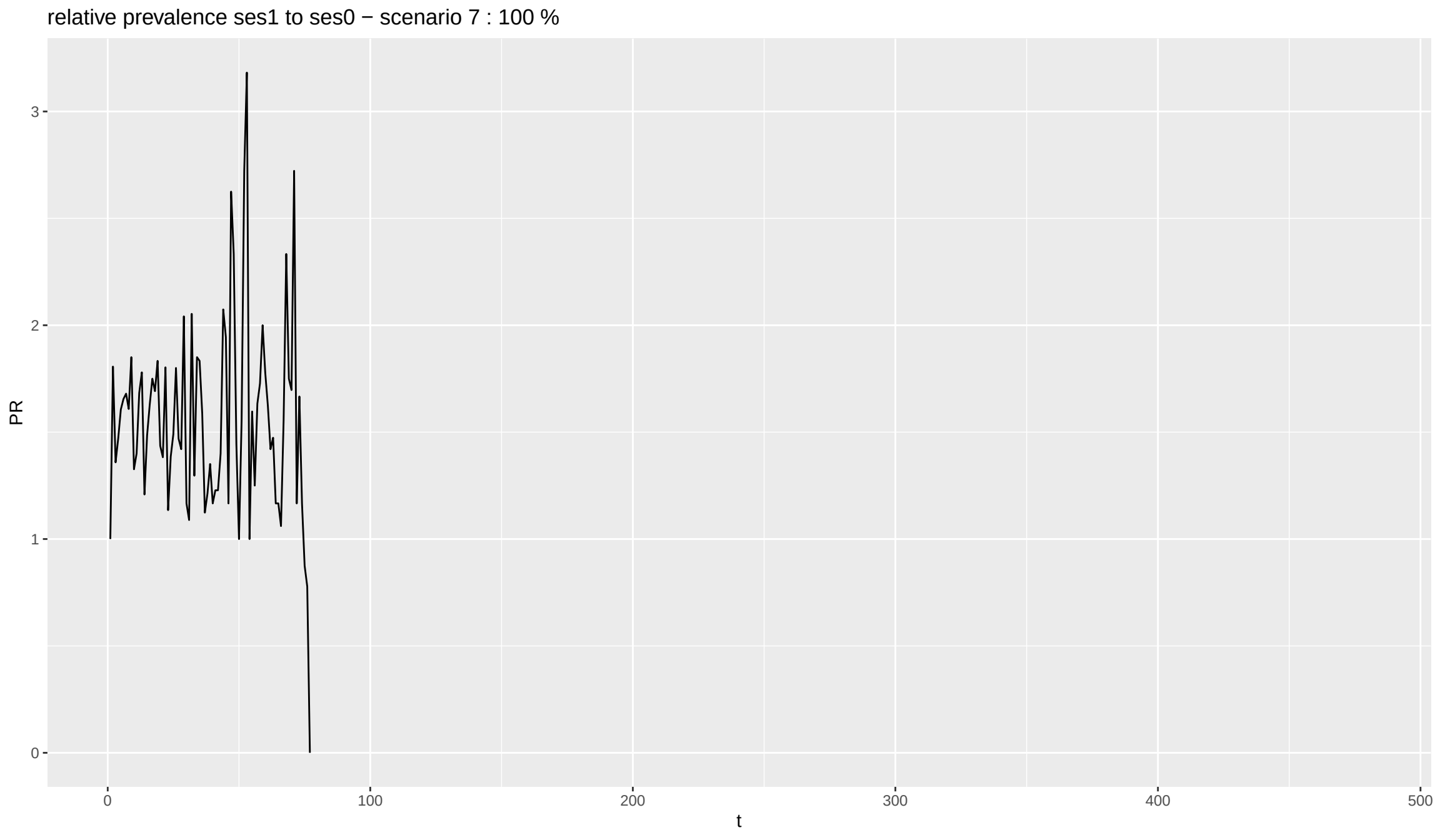

relative prevalence ses1 to ses0 − scenario 6 : 90 %
PR
0
1
2
3
4
0
100
200
300
400
500
t

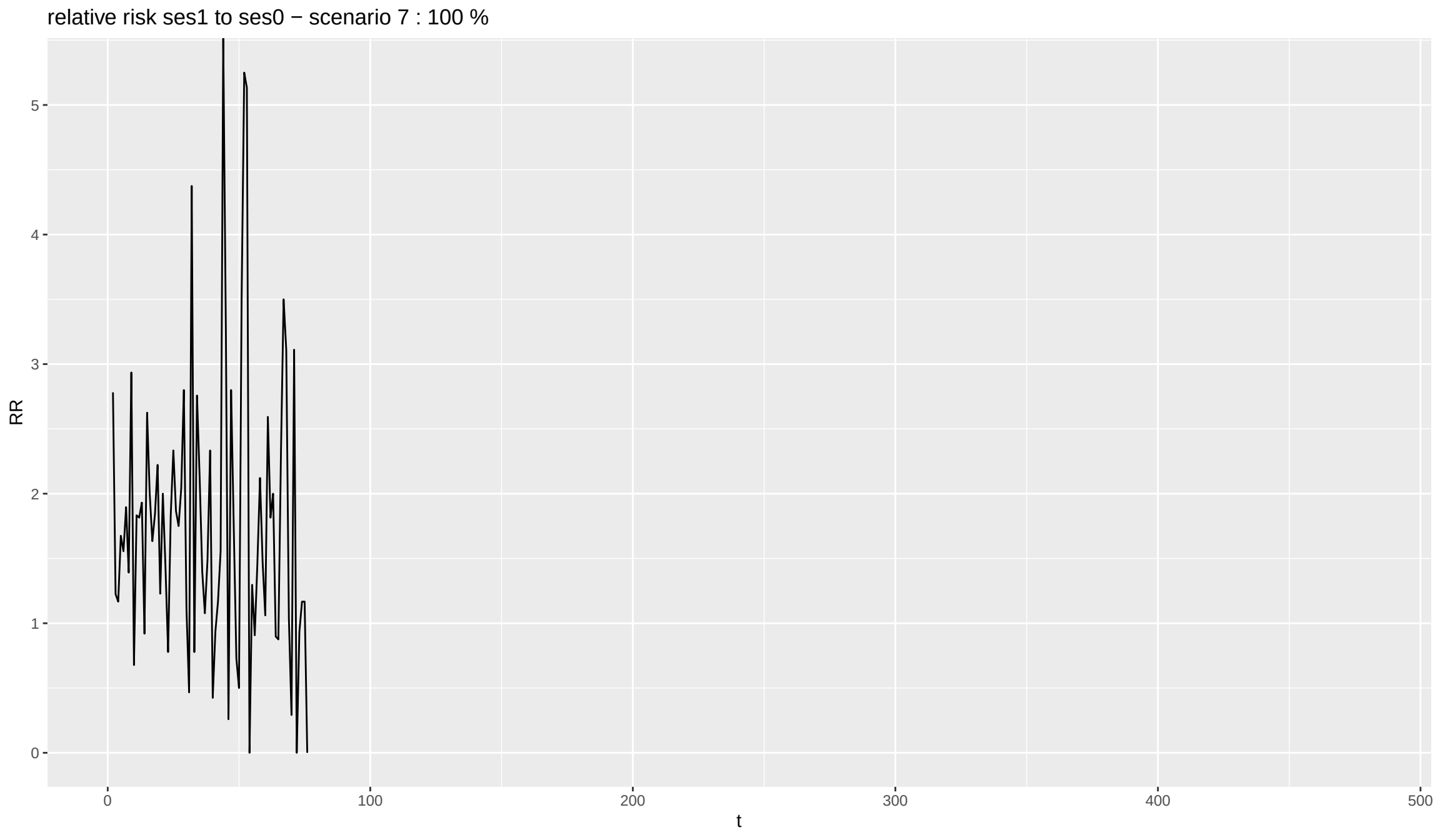

relative risk ses1 to ses0 − scenario 6 : 90 %
RR
t
0
2
4
6
8
0
100
200
300
400
500


sizes of I state − scenario 7 : 100 %
i.num
i.num.m2
Number
0
10
20
30
40
50
60
0
100
200
300
400
Time


prevalence for sub−populations − scenario 7 : 100 %
prev_overall
0.125
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
t
population
overall
ses0
ses1


incidence for sub−populations − scenario 7 : 100 %
IR_overall
0.06
0.04
0.02
0.00
0
100
200
300
400
500
t
population
overall
ses0
ses1


relative prevalence ses1 to ses0 − scenario 7 : 100 %
PR
3
2
1
0
0
100
200
300
400
500
t


relative risk ses1 to ses0 − scenario 7 : 100 %
RR
t
0
1
2
3
4
5
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	0	0	0	0	0	NaN	NA
2	2	0	0	0	0	0	0	NaN	NA
3	3	0.019	0.01	0.026	0.013	0.017	0.009	1.664	0.68
4	4	0	0	0	0	0	0	NaN	NA
5	5	0.002	0.003	0.002	0.004	0.001	0.003	1.655	1.038
6	6	0	0	0	0	0	0	NaN	NA
7	7	0	0	0	0	0	0	NaN	NA

	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	0.001	0.004	0.001	0.006	0.001	0.004	Inf	NaN
2	2	0.001	0.003	0.001	0.004	0	0.002	Inf	NaN
3	3	0.013	0.007	0.017	0.011	0.011	0.007	Inf	NaN
4	4	0.003	0.008	0.004	0.011	0.003	0.007	1.951	1.696
5	5	0.019	0.012	0.025	0.017	0.016	0.011	Inf	NaN
6	6	0.003	0.007	0.004	0.01	0.003	0.006	Inf	NaN
7	7	0.002	0.006	0.003	0.009	0.002	0.005	Inf	NaN