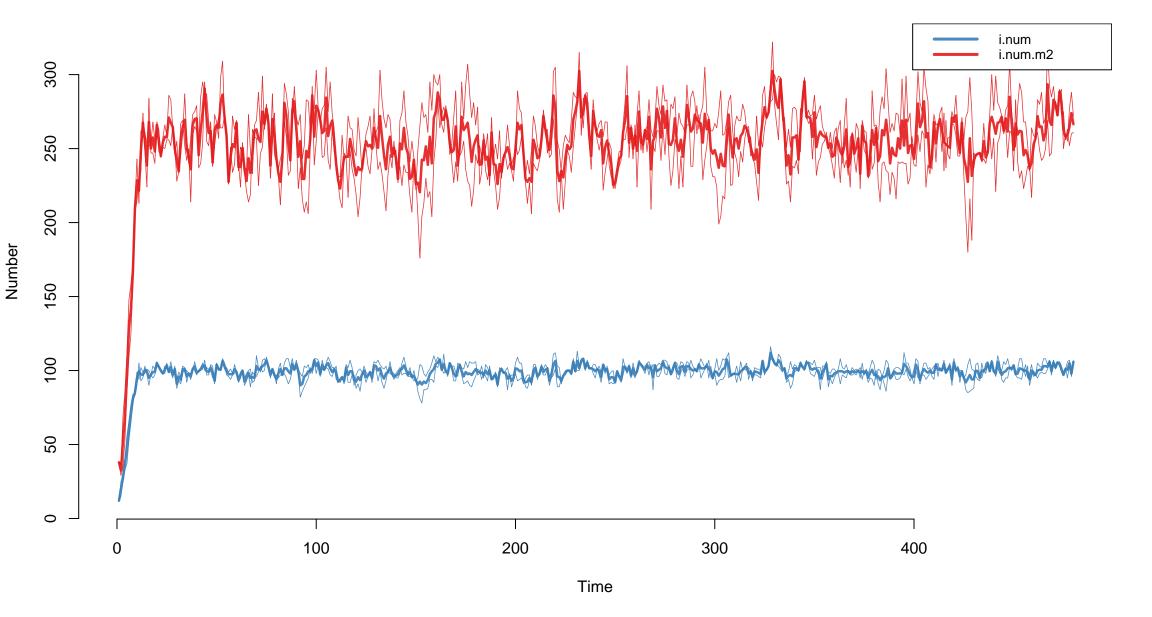
sizes of I state - scenario 1: 0 %



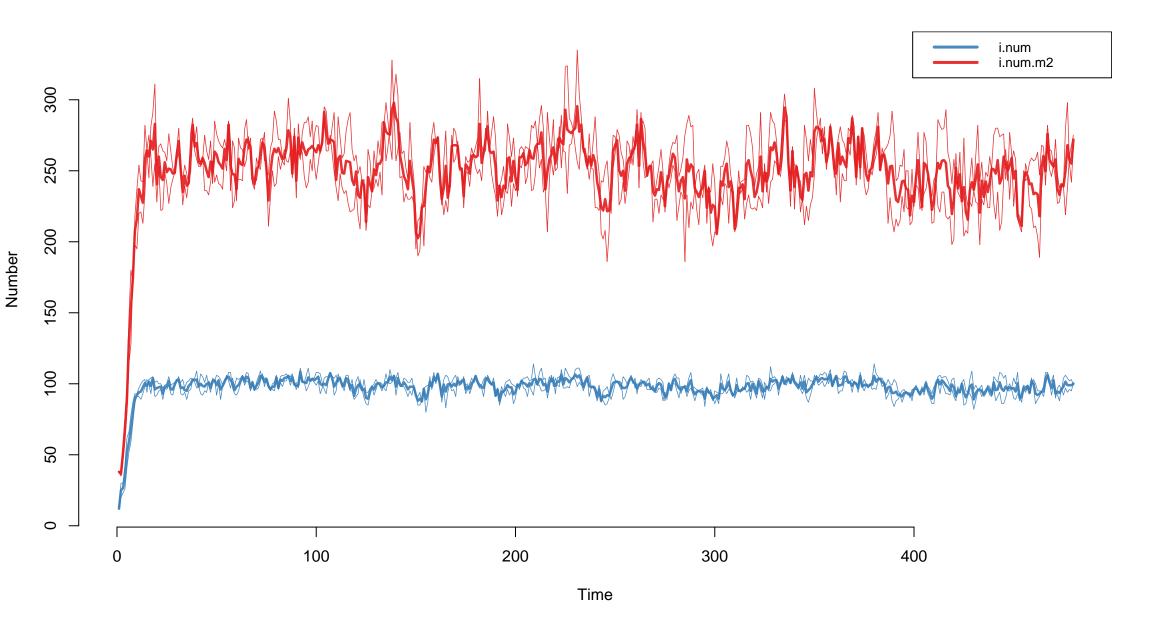
prevalence for sub-populations - scenario 1: 0 % 0.75 prev_overall population overall ses0 ses1 0.25 0.00 100 200 300 400 500 0

incidence for sub–populations – scenario 1 : 0%0.5 -0.4 -0.3 population IR_overall overall ses0 ses1 0.2 -0.1 -0.0 -500 100 200 300 400 0

relative prevalence ses1 to ses0 – scenario 1: 0 % 4.5 -4.0 -3.5 -PR 3.0 -2.5 -500 200 400 100 300

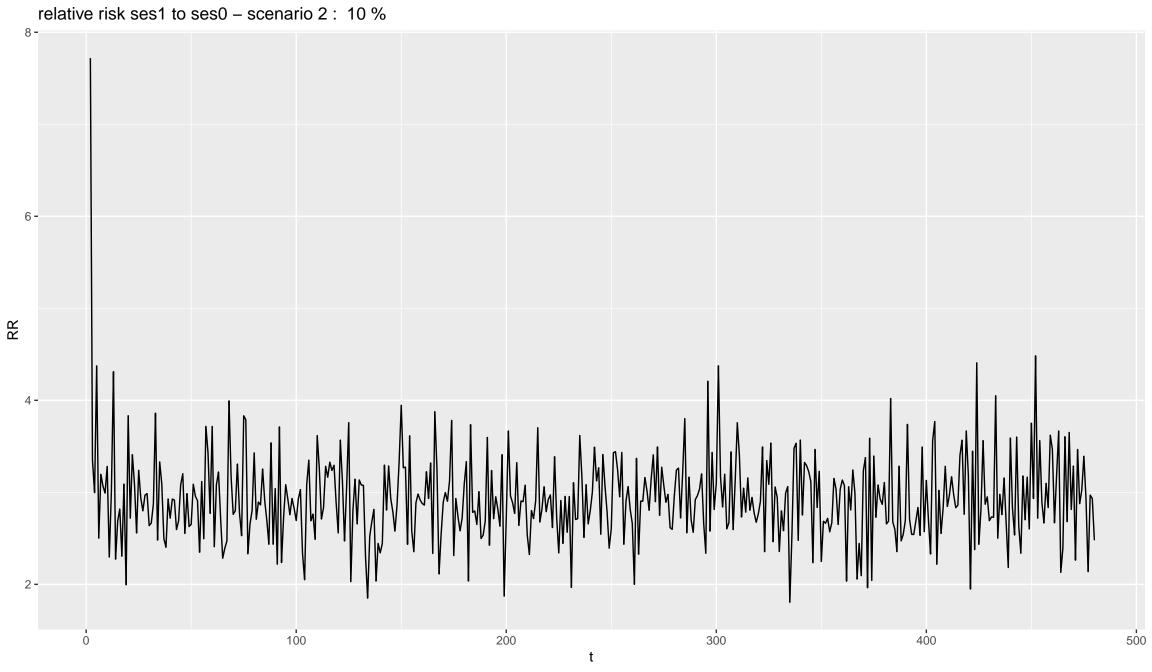
relative risk ses1 to ses0 – scenario 1: 0 % 7 -RR 2 -500 100 300 200 400 Ó

sizes of I state - scenario 2: 10 %

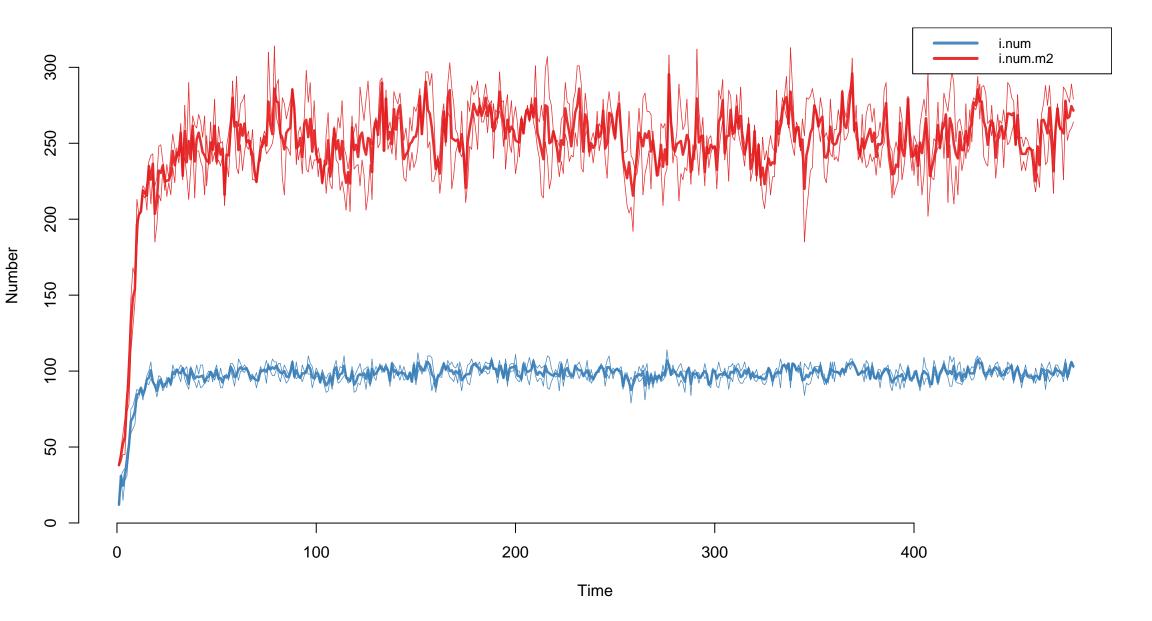


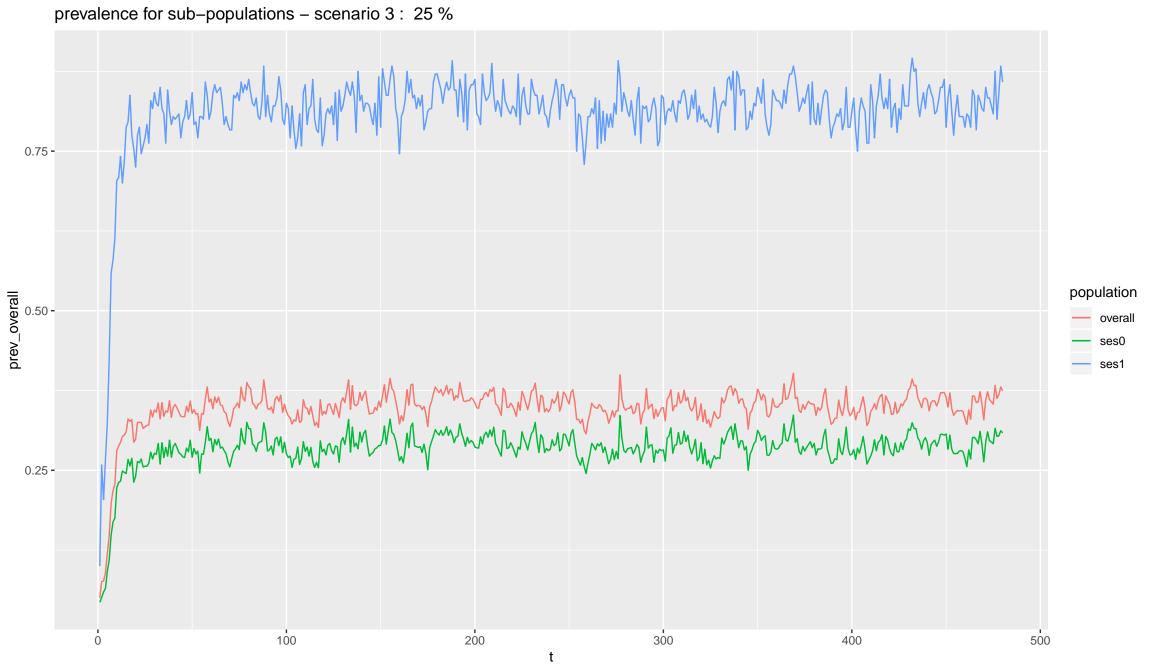


incidence for sub–populations – scenario 2 : 10 %0.5 -0.4 -0.3 population IR_overall overall ses0 ses1 0.2 -0.1 -0.0 -100 200 500 300 400 0

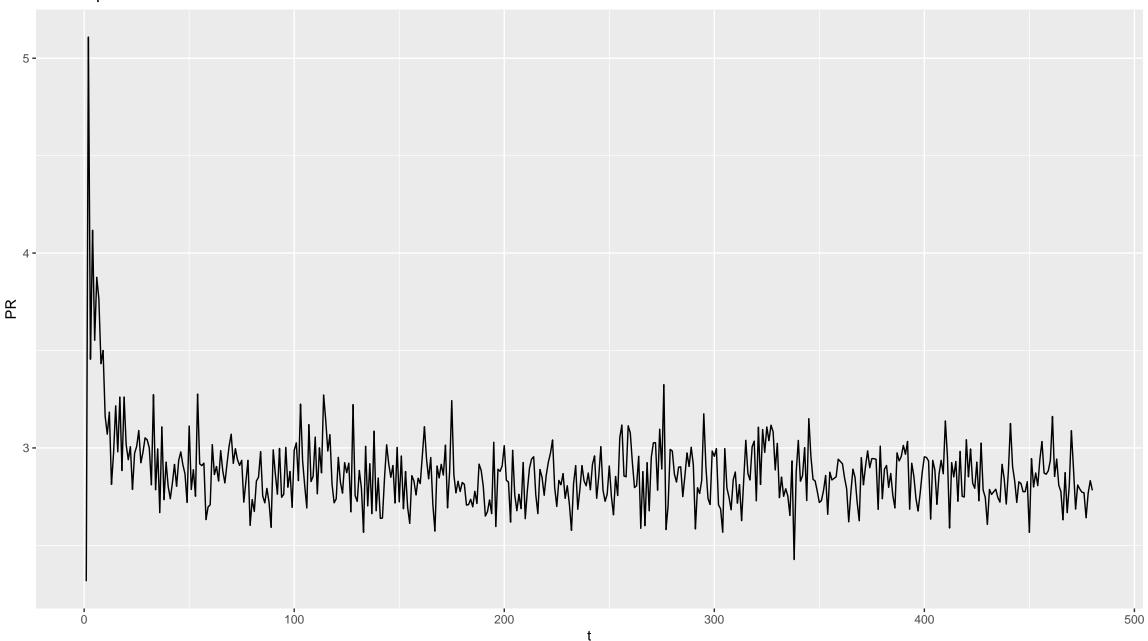


sizes of I state - scenario 3: 25 %



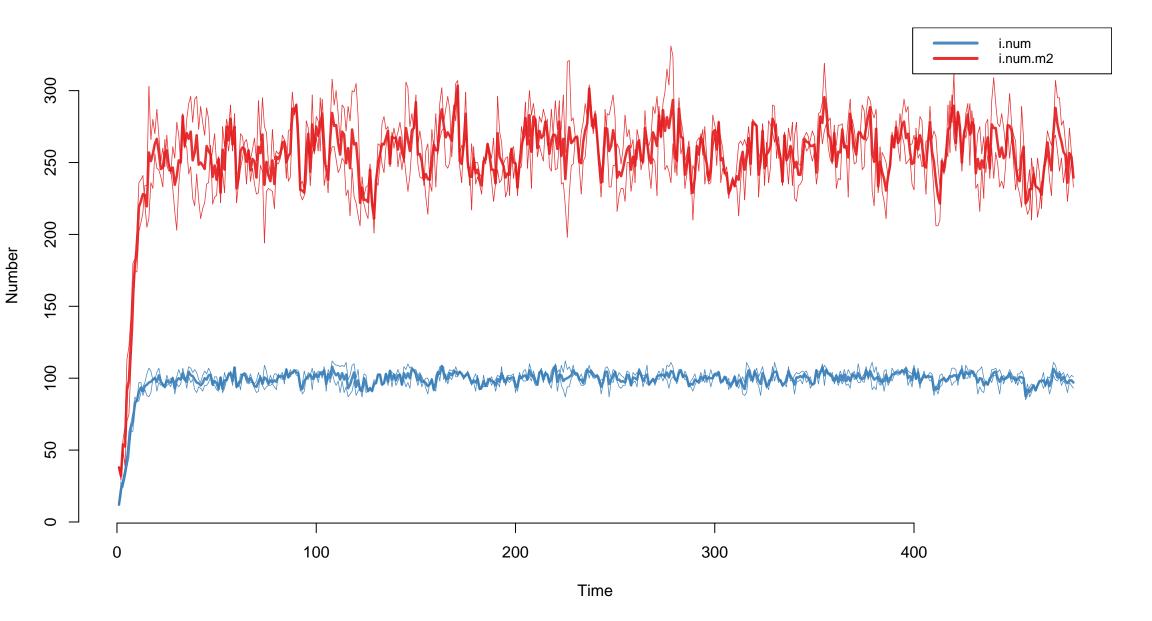


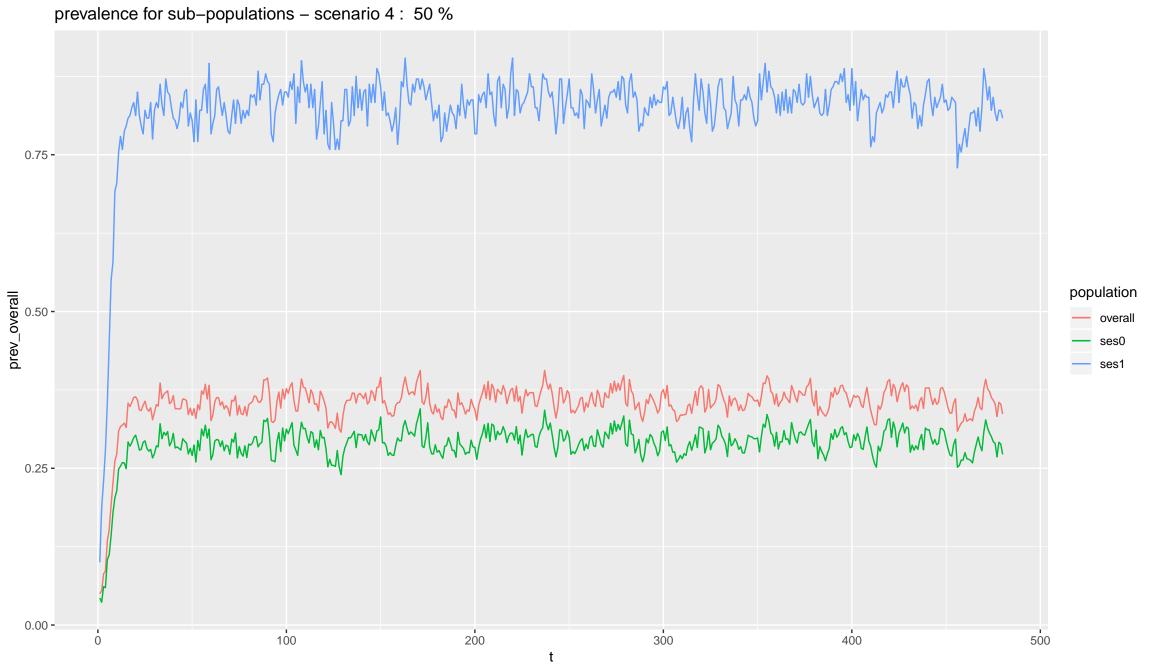
incidence for sub–populations – scenario 3 : 25 %0.5 -0.4 -0.3 population IR_overall overall ses0 ses1 0.2 -0.1 -0.0 -500 100 200 300 400 0



relative risk ses1 to ses0 - scenario 3: 25 % RR Ó

sizes of I state - scenario 4: 50 %



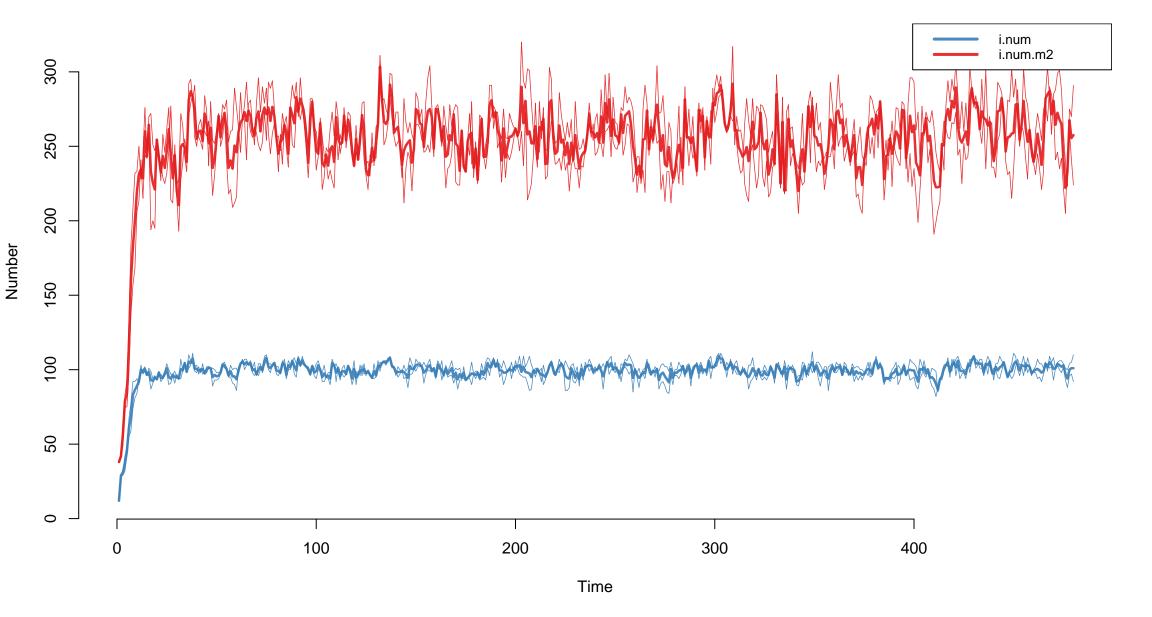


incidence for sub–populations – scenario 4 : 50 %0.5 -0.4 -0.3 population IR_overall overall ses0 ses1 0.2 -0.1 -0.0 -500 100 200 300 400 0

relative prevalence ses1 to ses0 - scenario 4: 50 % Ó

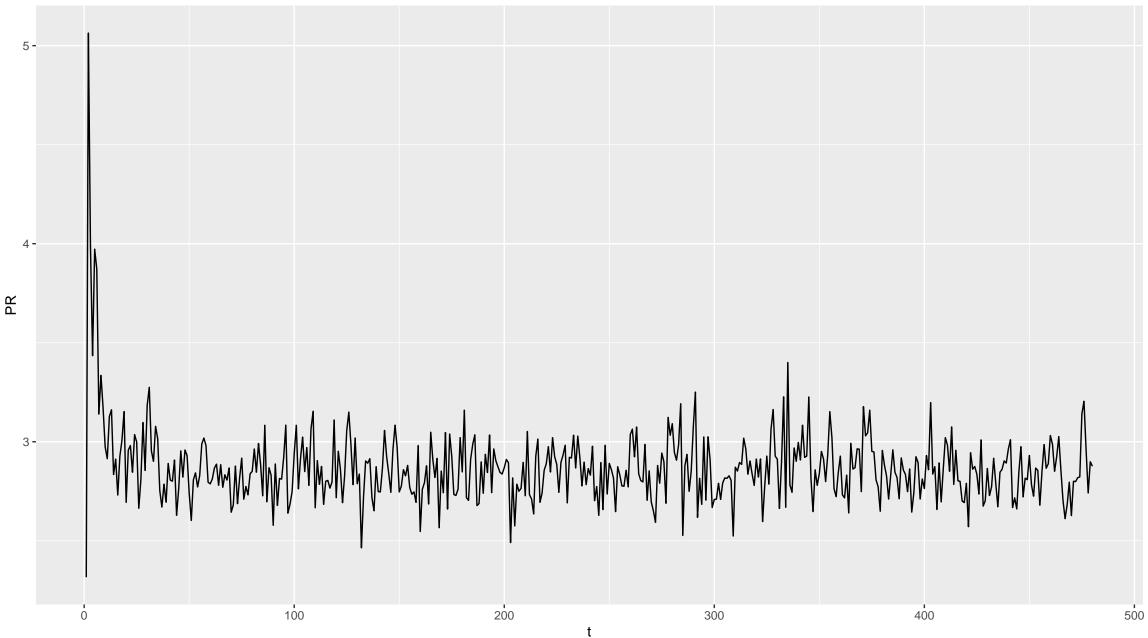
relative risk ses1 to ses0 - scenario 4: 50 % 10.0 -7.5 **-**5.0 -2.5 500 0 100 200 300 400

sizes of I state - scenario 5: 75 %



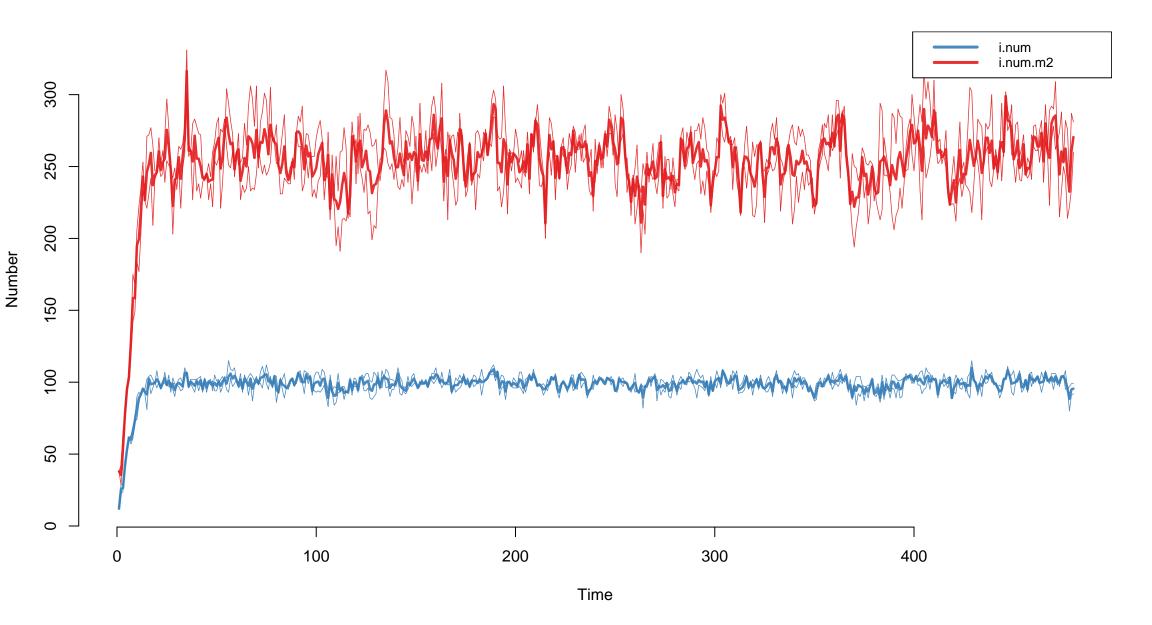
prevalence for sub-populations - scenario 5: 75 % 0.75 prev_overall population overall ses0 ses1 0.25 0.00 100 200 300 400 500 0

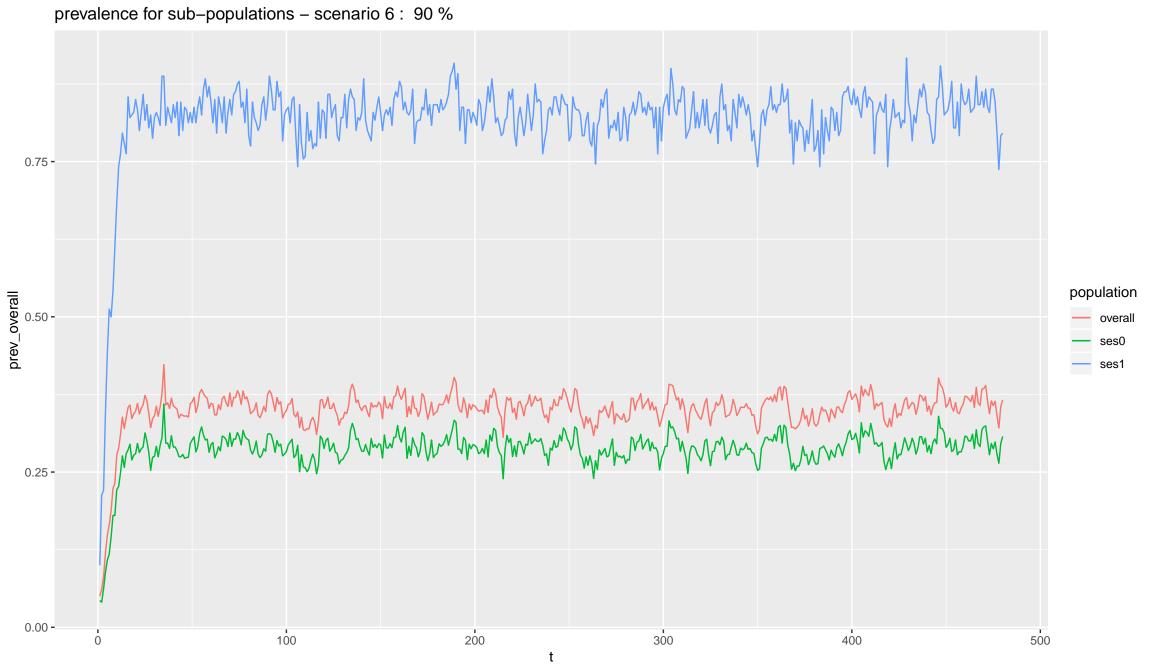
incidence for sub–populations – scenario 5 : 75 %0.5 -0.4 -0.3 population IR_overall overall ses0 ses1 0.2 -0.1 -0.0 -500 100 200 300 400 0



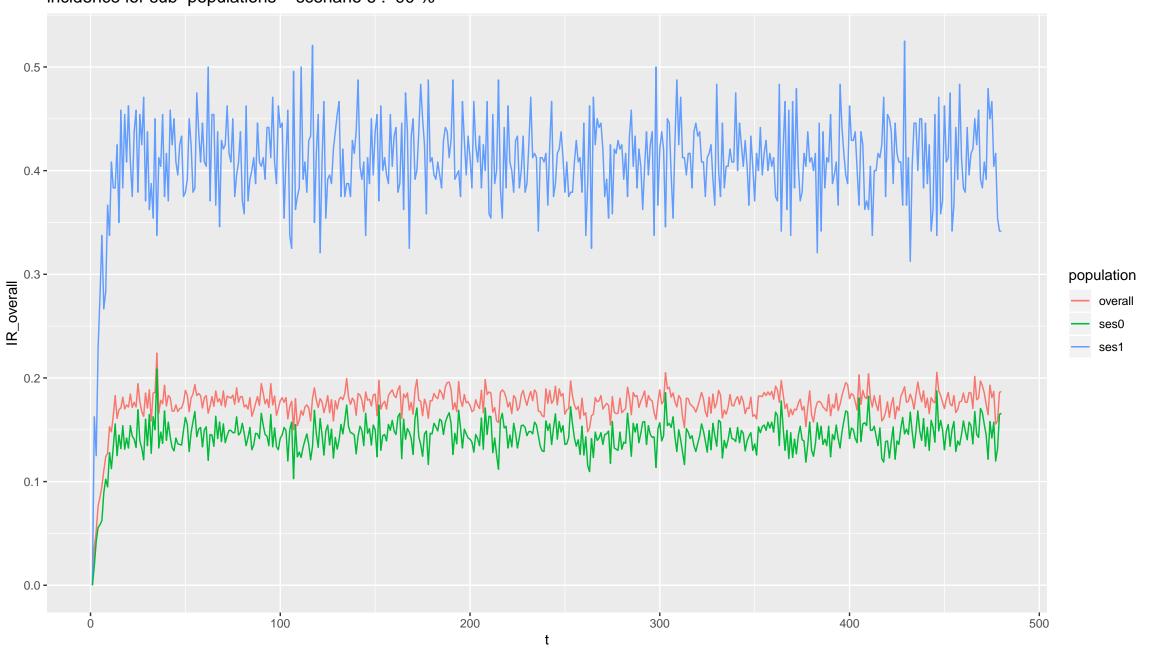
relative risk ses1 to ses0 – scenario 5 : 75 %7 -RR 2 -500 100 200 300 400 0

sizes of I state - scenario 6: 90 %

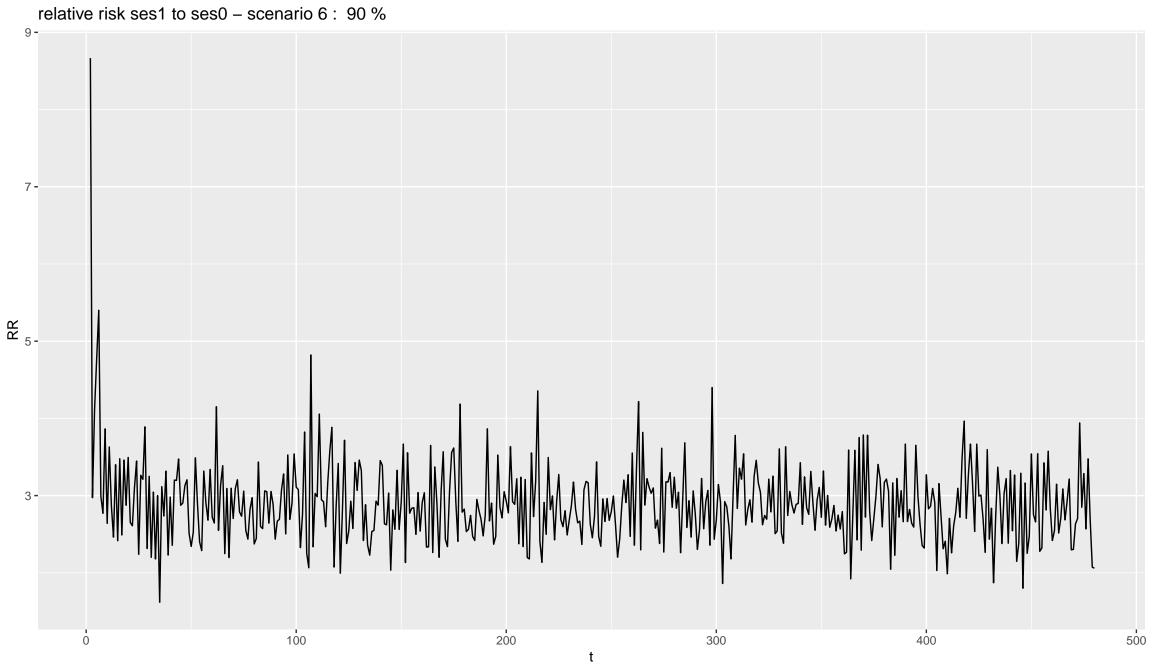




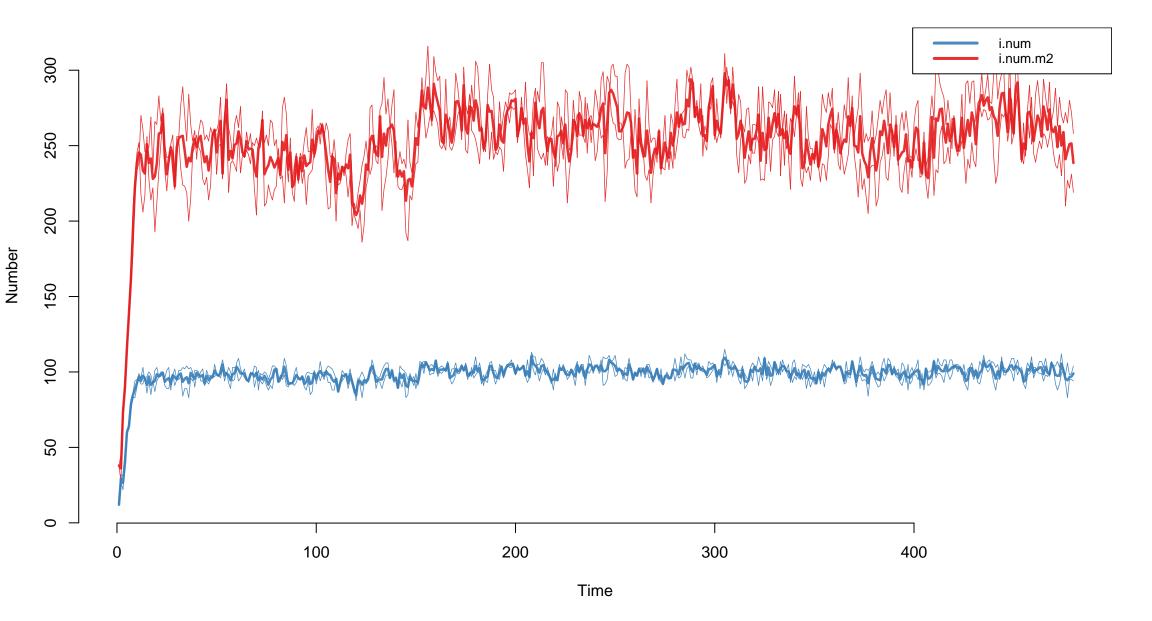
incidence for sub-populations - scenario 6: 90 % population overall ses0 ses1



relative prevalence ses1 to ses0 - scenario 6: 90 % Ó

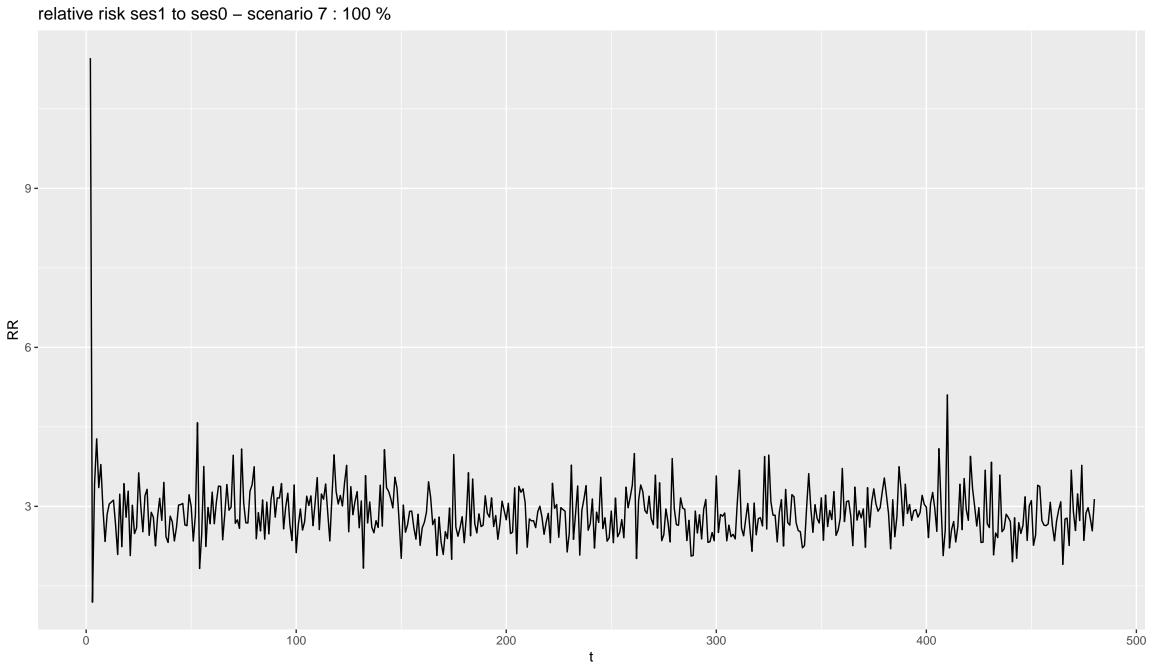


sizes of I state – scenario 7 : 100 %



prevalence for sub-populations - scenario 7:100 % 0.75 population overall ses0 ses1 0.00 100 200 300 400 500 0

incidence for sub–populations – scenario 7 : 100 %0.4 population IR_overall overall ses0 ses1 0.2 -0.0 -100 500 200 300 400 0



	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	0.358	0.015	0.83	0.028	0.294	0.015	2.829	0.13
2	2	0.341	0.016	0.804	0.032	0.277	0.016	2.905	0.146
3	3	0.353	0.016	0.821	0.029	0.289	0.015	2.842	0.12
4	4	0.356	0.019	0.831	0.03	0.292	0.019	2.856	0.145
5	5	0.359	0.019	0.835	0.032	0.295	0.018	2.839	0.122
6	6	0.358	0.017	0.831	0.034	0.294	0.017	2.833	0.154
7	7	0.359	0.016	0.834	0.029	0.295	0.016	2.837	0.146

	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	0.176	0.018	0.412	0.043	0.144	0.018	2.908	0.456
2	2	0.174	0.017	0.41	0.045	0.142	0.018	2.936	0.5
3	3	0.174	0.018	0.407	0.045	0.142	0.019	2.913	0.536
4	4	0.176	0.019	0.408	0.043	0.145	0.019	2.88	0.598
5	5	0.176	0.017	0.411	0.045	0.144	0.018	2.897	0.497
6	6	0.175	0.018	0.408	0.047	0.143	0.018	2.902	0.558
7	7	0.176	0.016	0.409	0.046	0.144	0.017	2.883	0.606