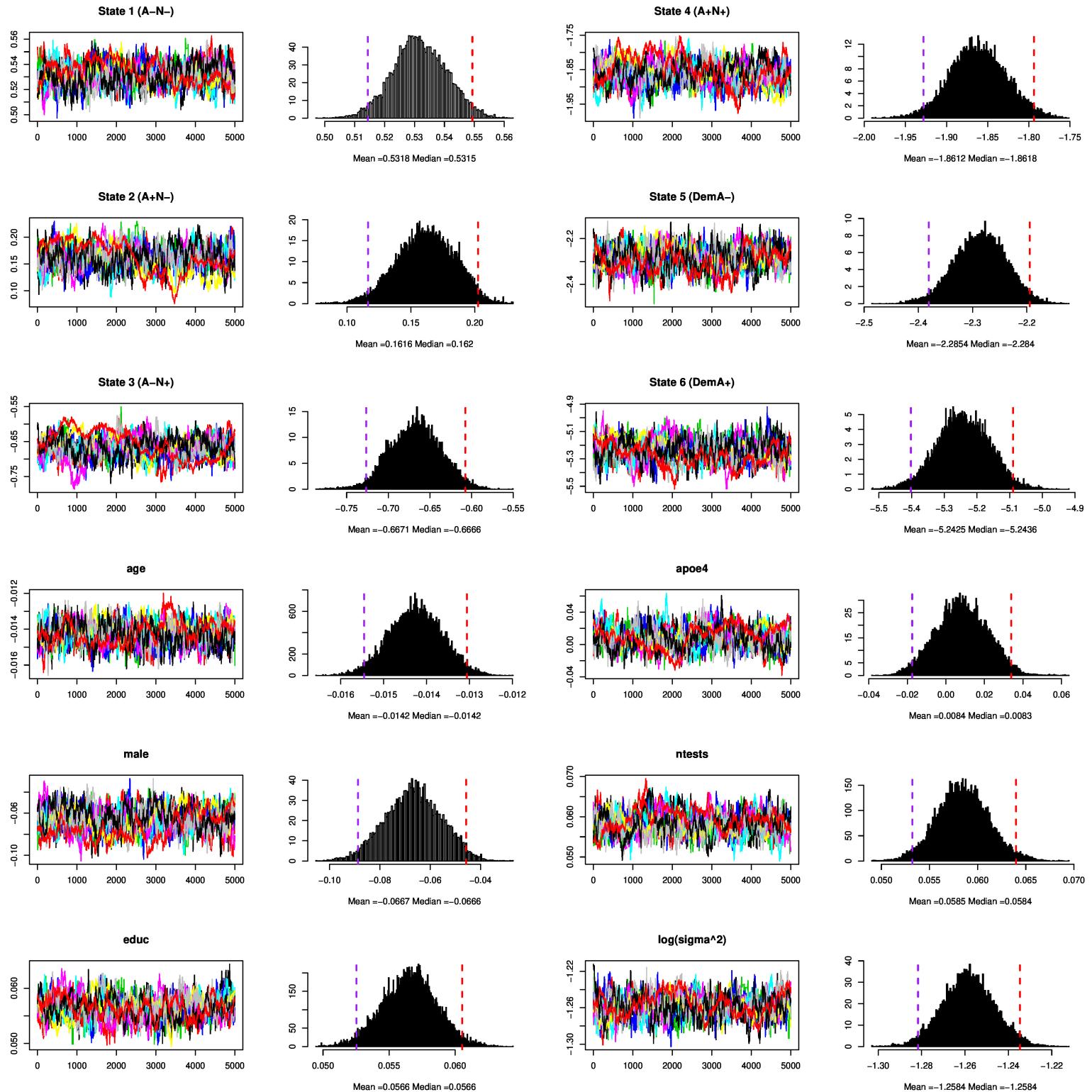
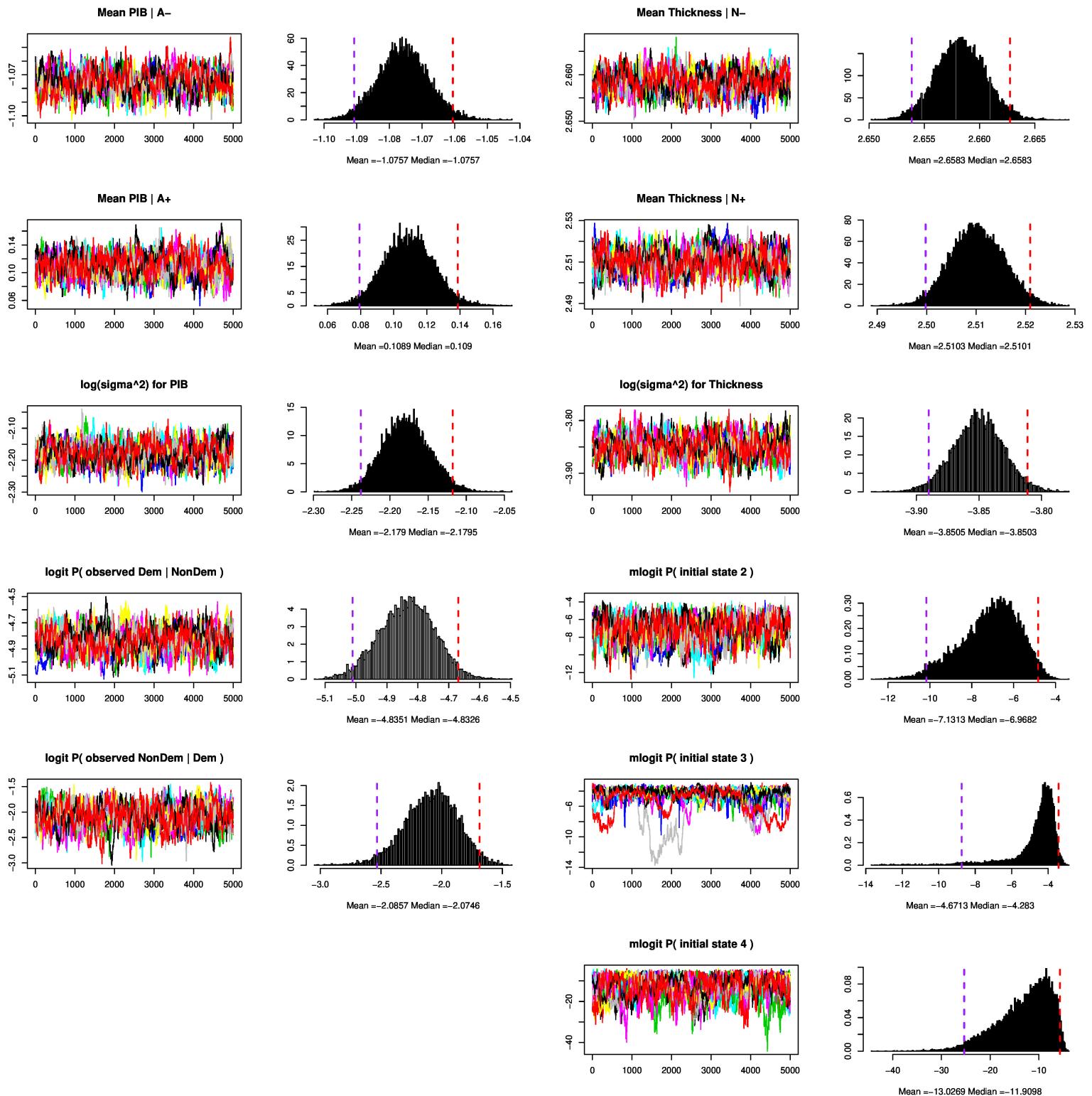


Supplementary Material C: Sensitivity test of real MCSA data results

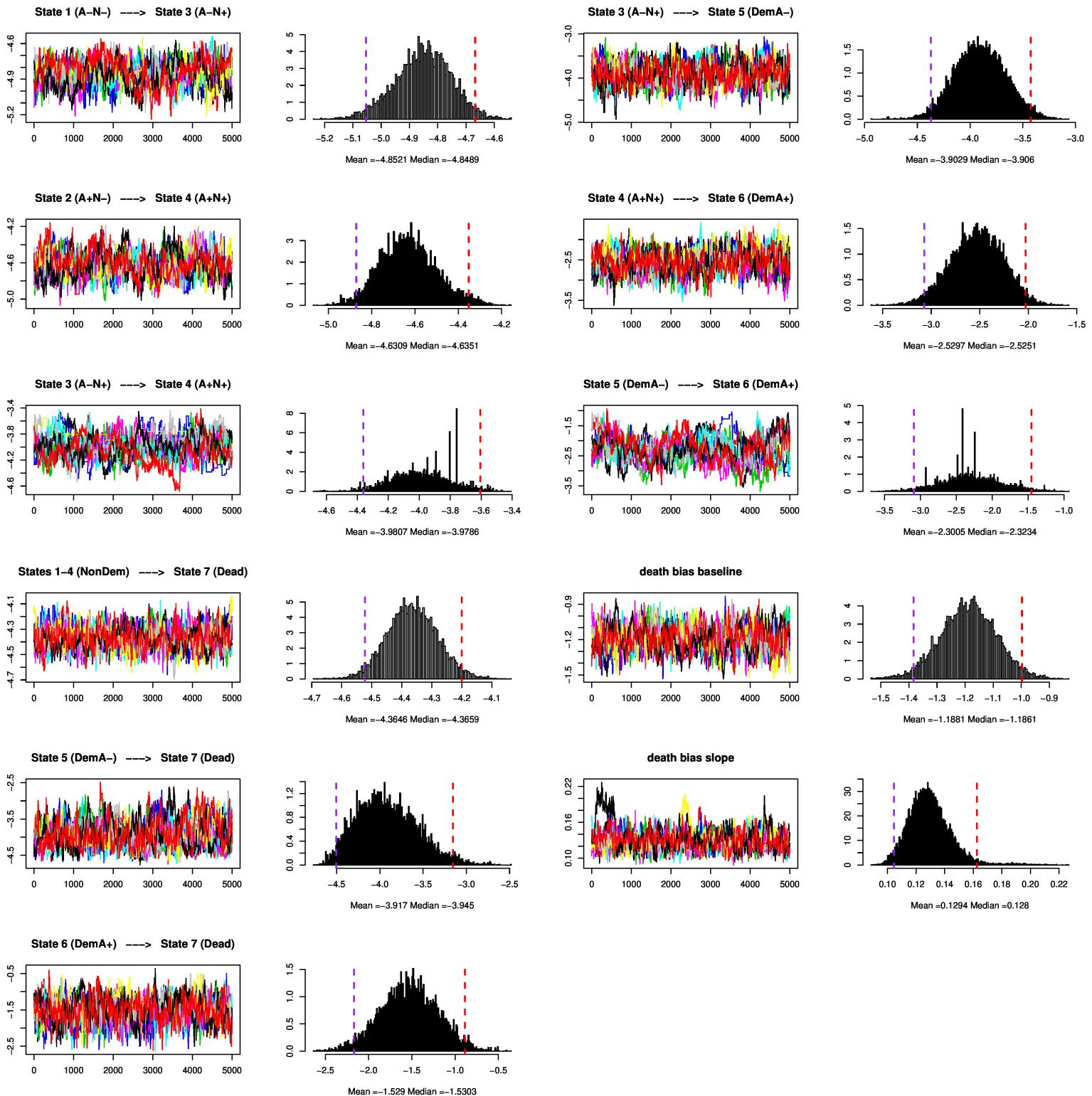
Sensitivity test of real MCSA data: MMSE response parameters



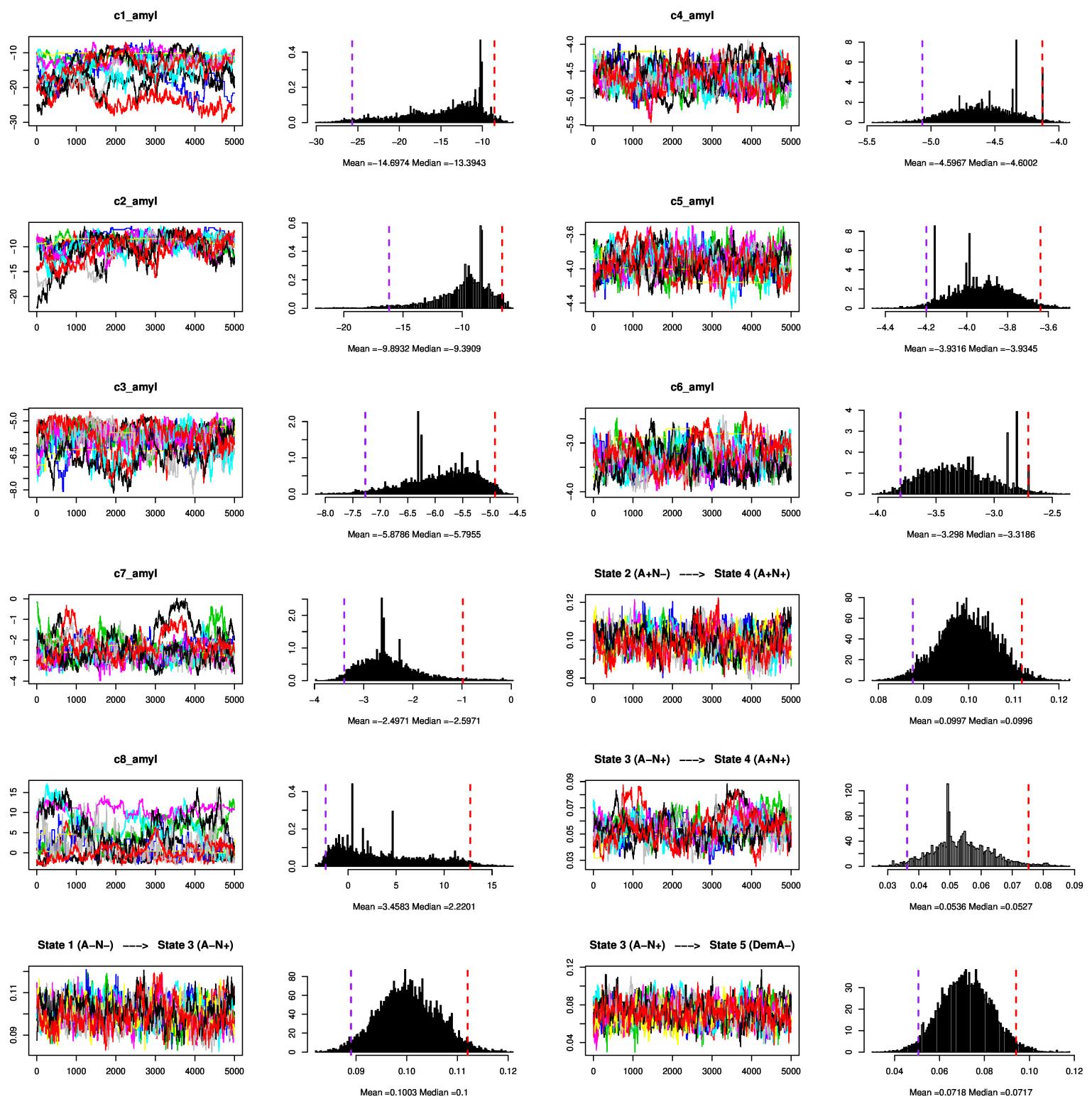
Sensitivity test of real MCSA data: other response parameters, and initial probability parameters



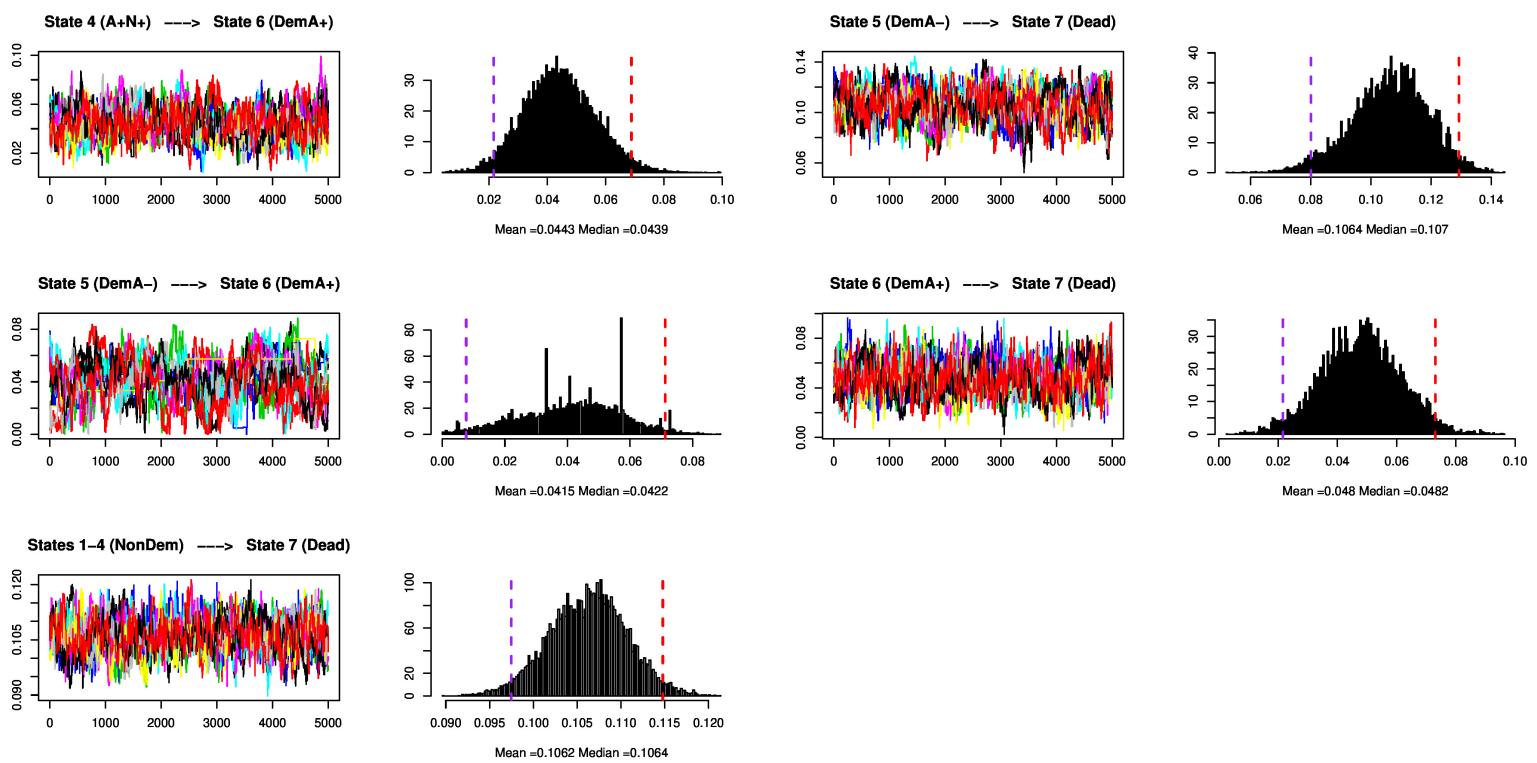
Sensitivity test of real MCSA data: log-rate intercept and death bias parameters



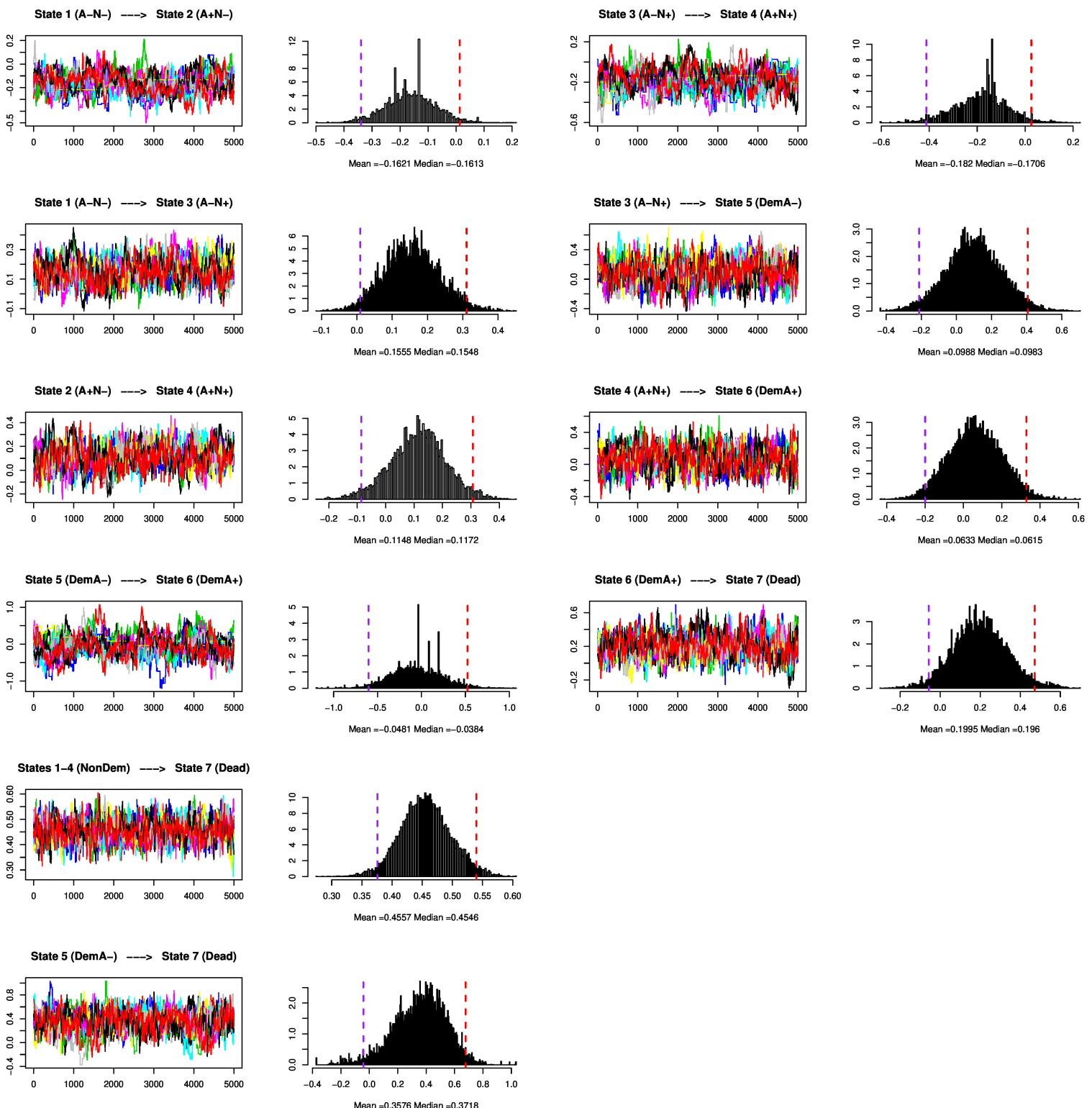
Sensitivity test of real MCSA data: log-rate iage parameters



Sensitivity test of real MCSA data: log-rate iage parameters (continued)

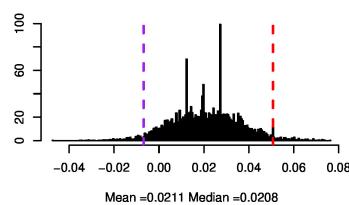
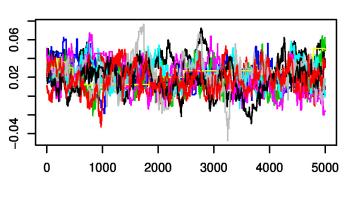


Sensitivity test of real MCSA data: log-rate male parameters

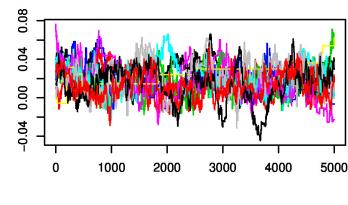


Sensitivity test of real MCSA data: log-rate educ parameters

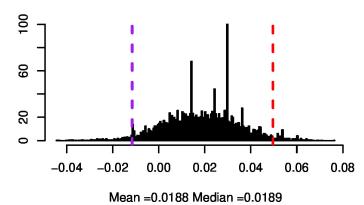
State 1 (A-N-) —> State 2 (A+N-)



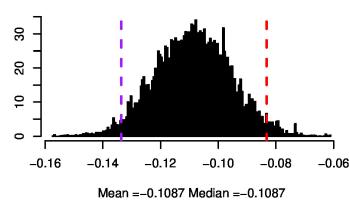
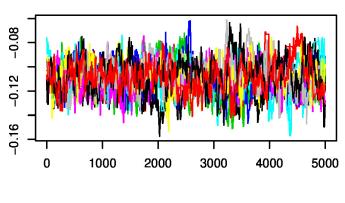
State 3 (A-N+) —> State 4 (A+N+)



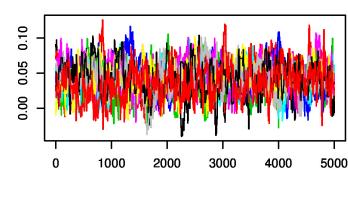
Mean = 0.0188 Median = 0.0189



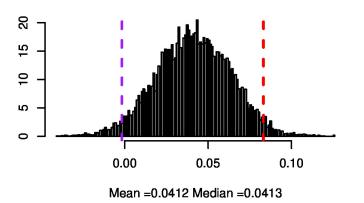
State 1 (A-N-) —> State 3 (A-N+)



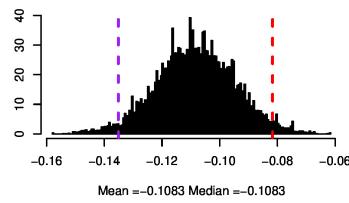
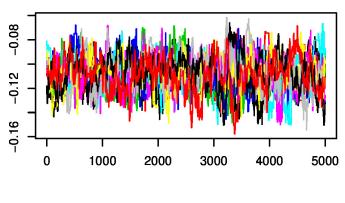
State 3 (A-N+) —> State 5 (DemA-)



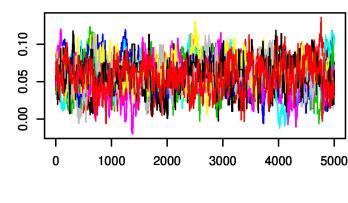
Mean = 0.0412 Median = 0.0413



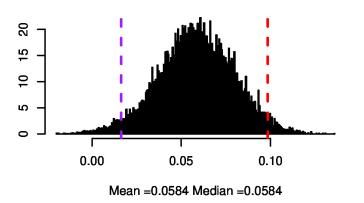
State 2 (A+N-) —> State 4 (A+N+)



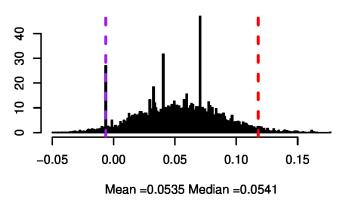
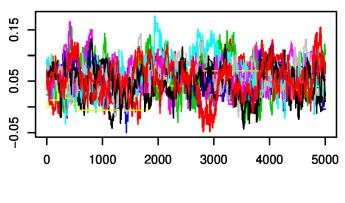
State 4 (A+N+) —> State 6 (DemA+)



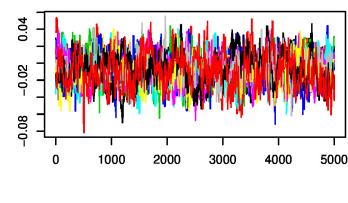
Mean = 0.0584 Median = 0.0584



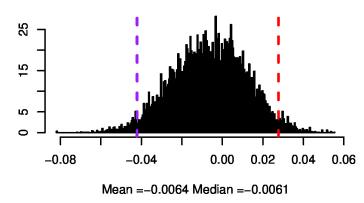
State 5 (DemA-) —> State 6 (DemA+)



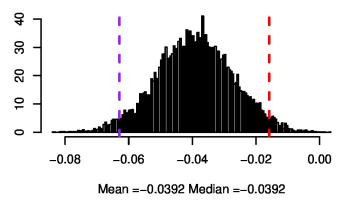
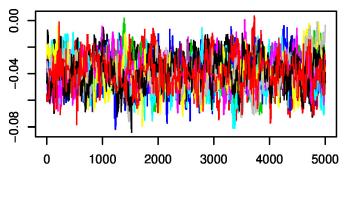
State 6 (DemA+) —> State 7 (Dead)



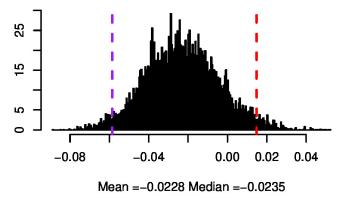
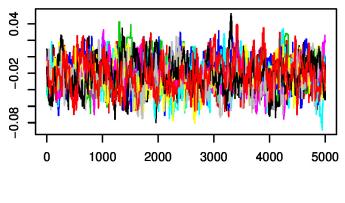
Mean = -0.0064 Median = -0.0061



States 1–4 (NonDem) —> State 7 (Dead)



State 5 (DemA-) —> State 7 (Dead)



Sensitivity test of real MCSA data: log-rate apoE4 parameters

