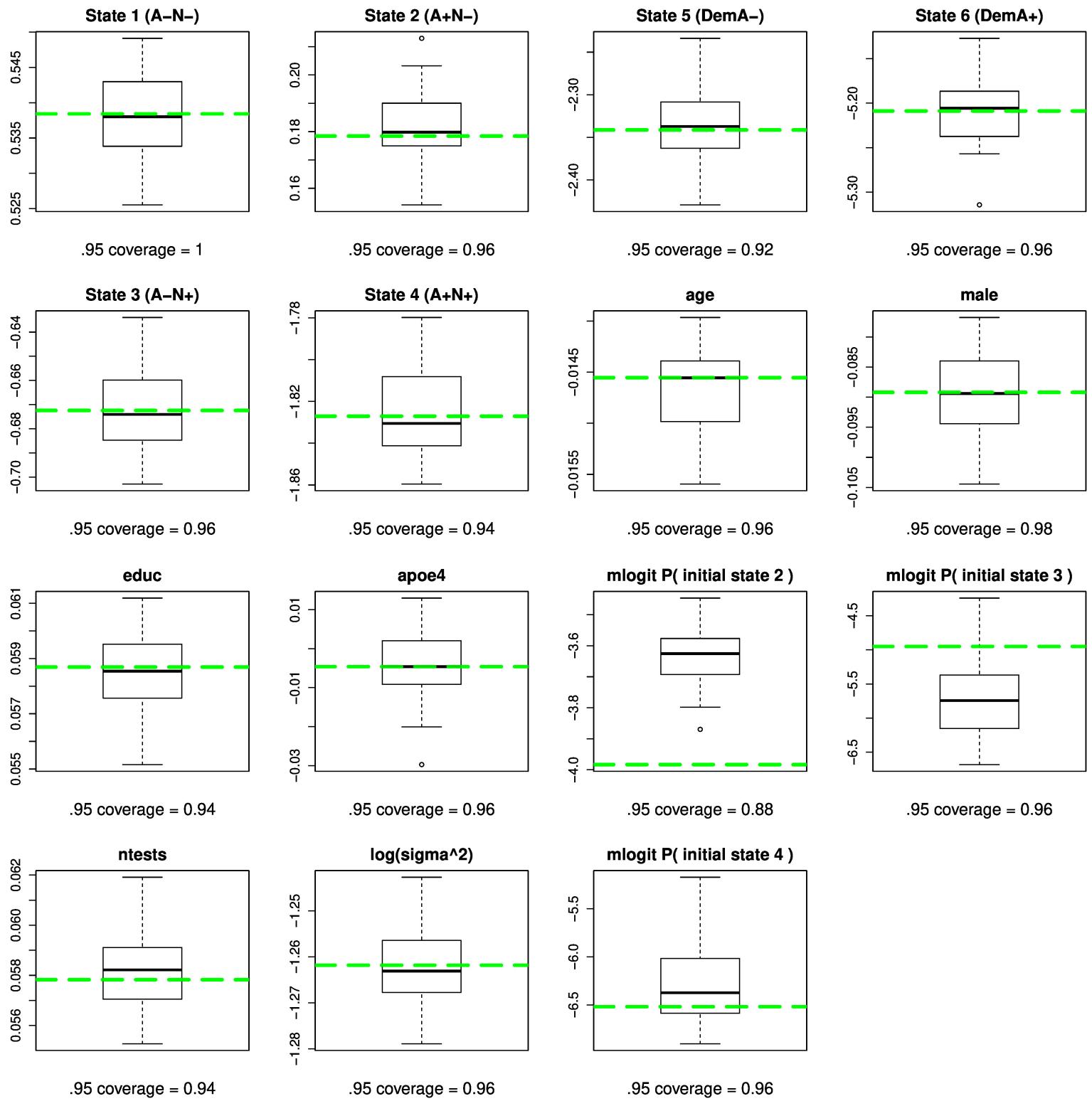
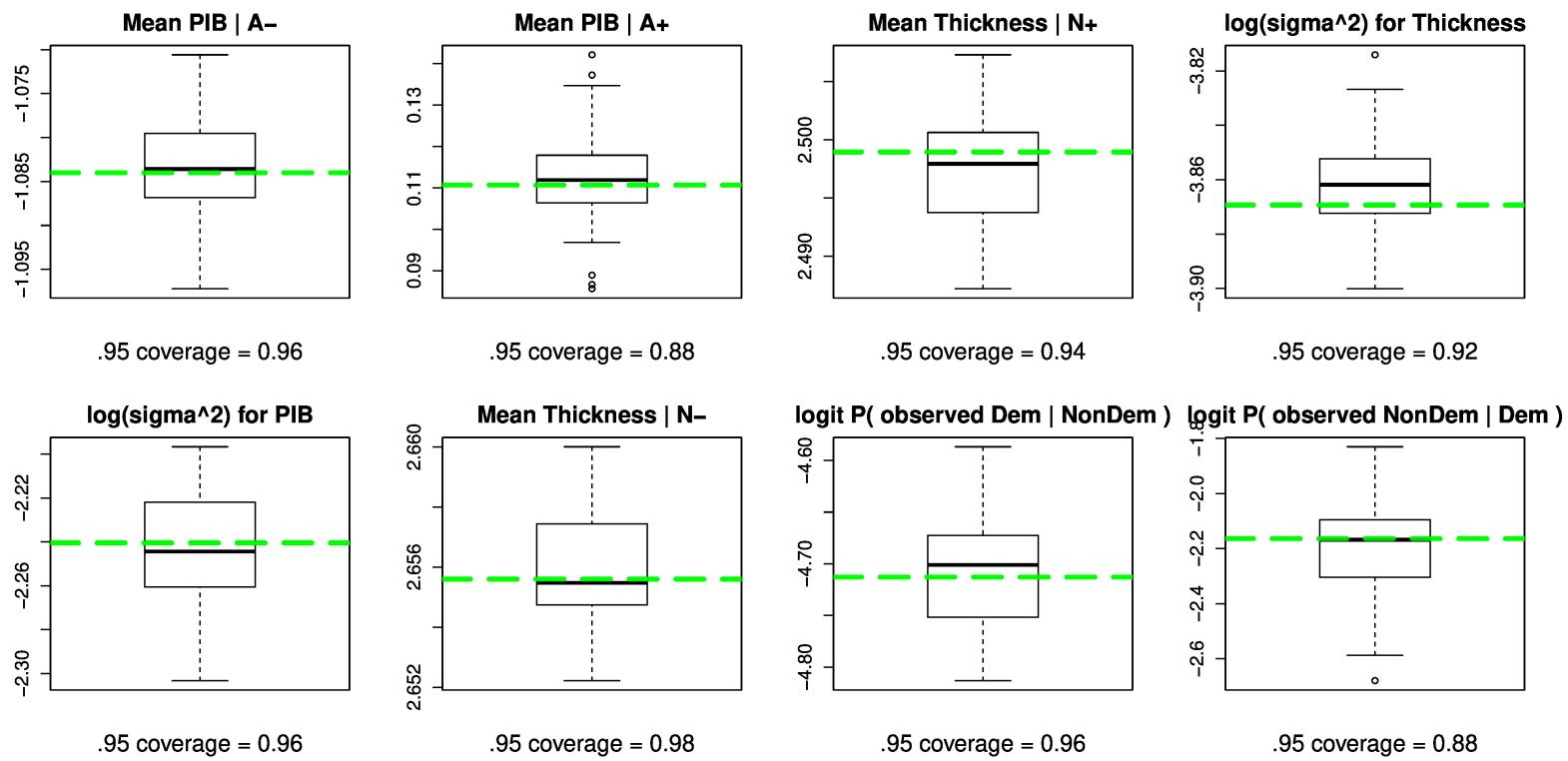


## Supplementary Material D: Synthetic MCSA data simulation results

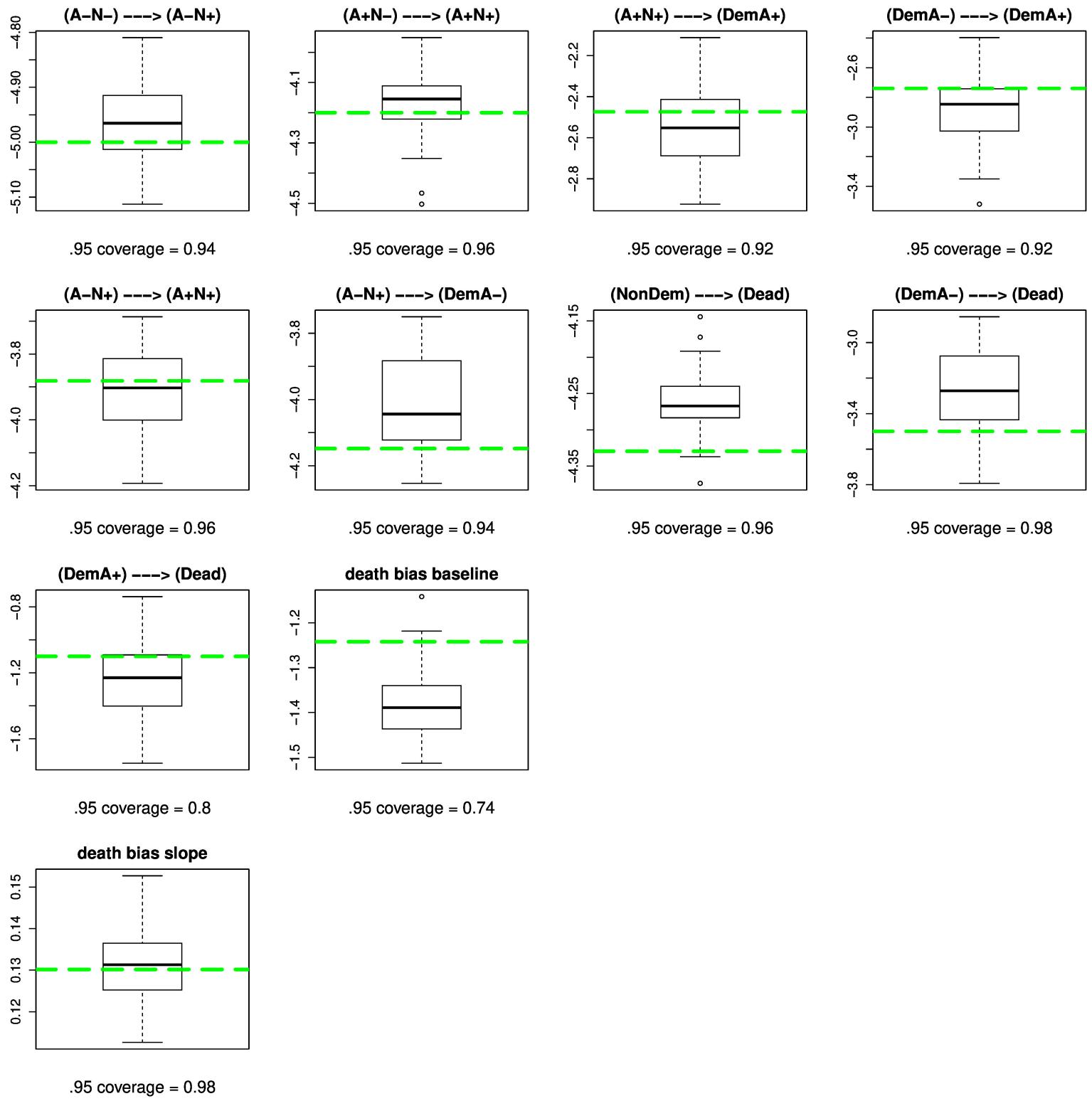
Synthetic MCSA data: MMSE response parameters, and initial probability parameters



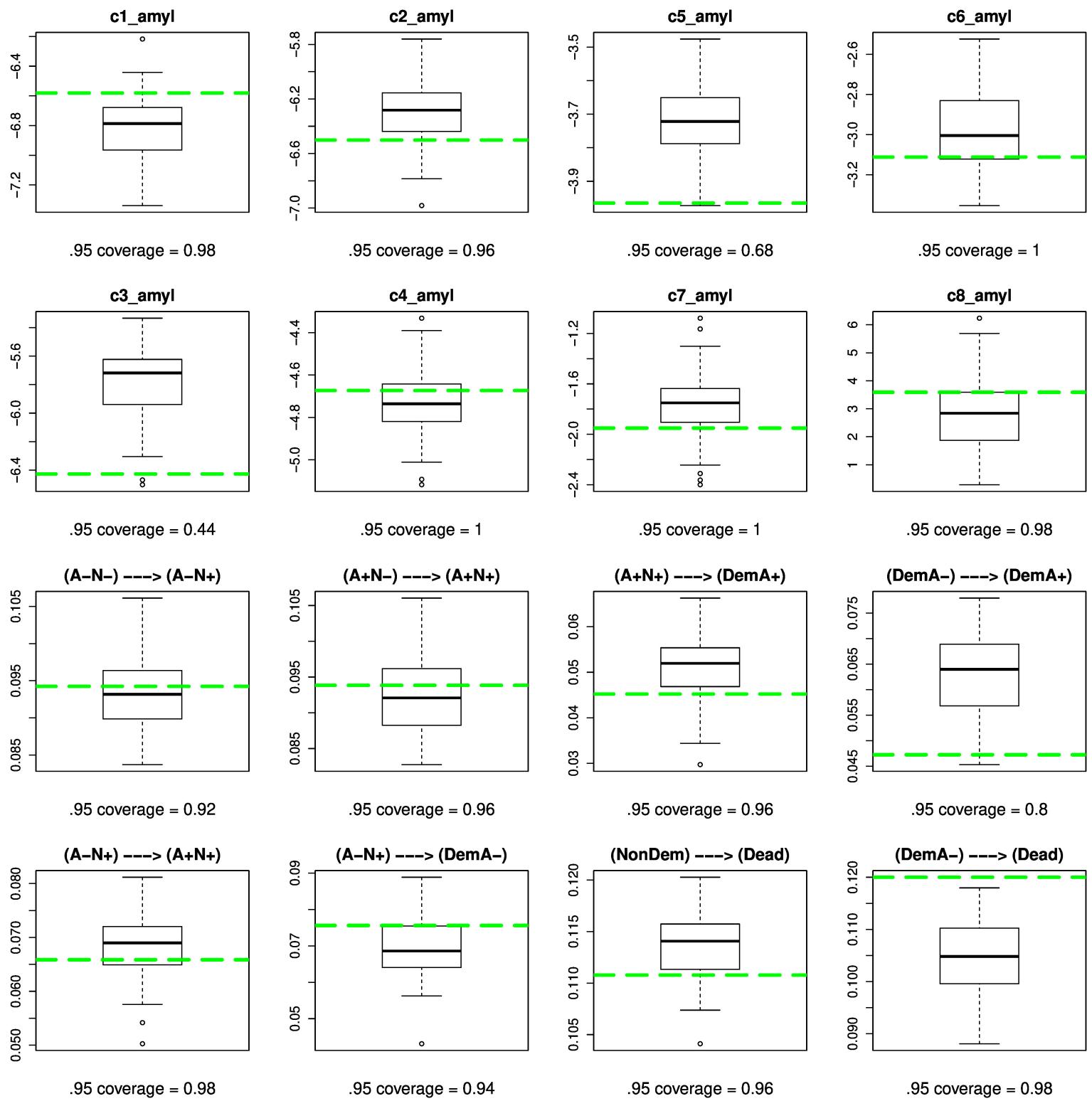
## Synthetic MCSA data: other response parameters



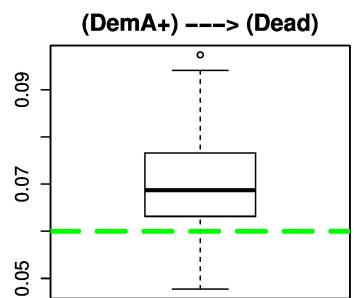
## Synthetic MCSA data: log-rate intercept and death bias parameters



## Synthetic MCSA data: log-rate iage parameters

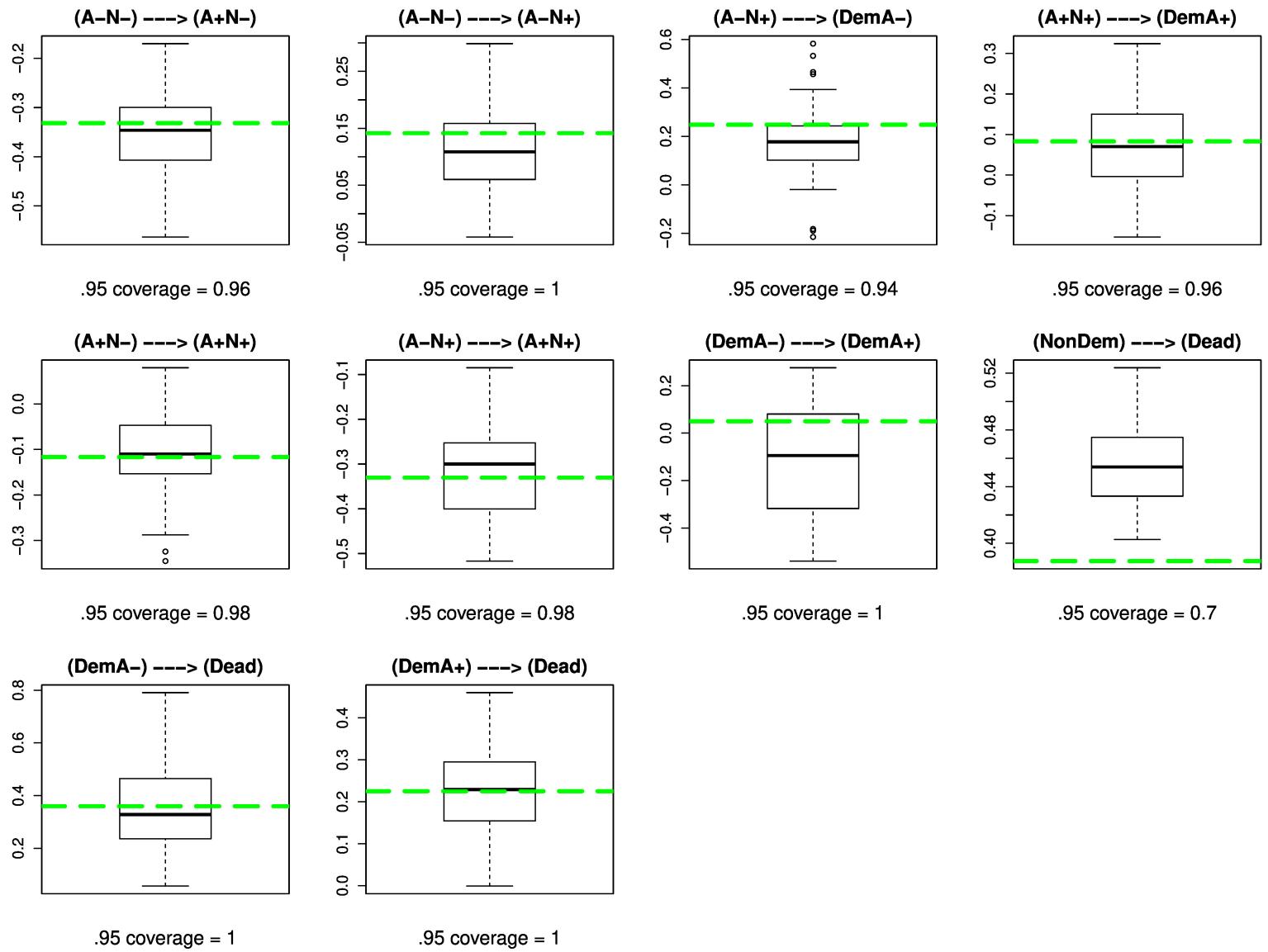


## Synthetic MCSA data: log-rate iage parameters (continued)

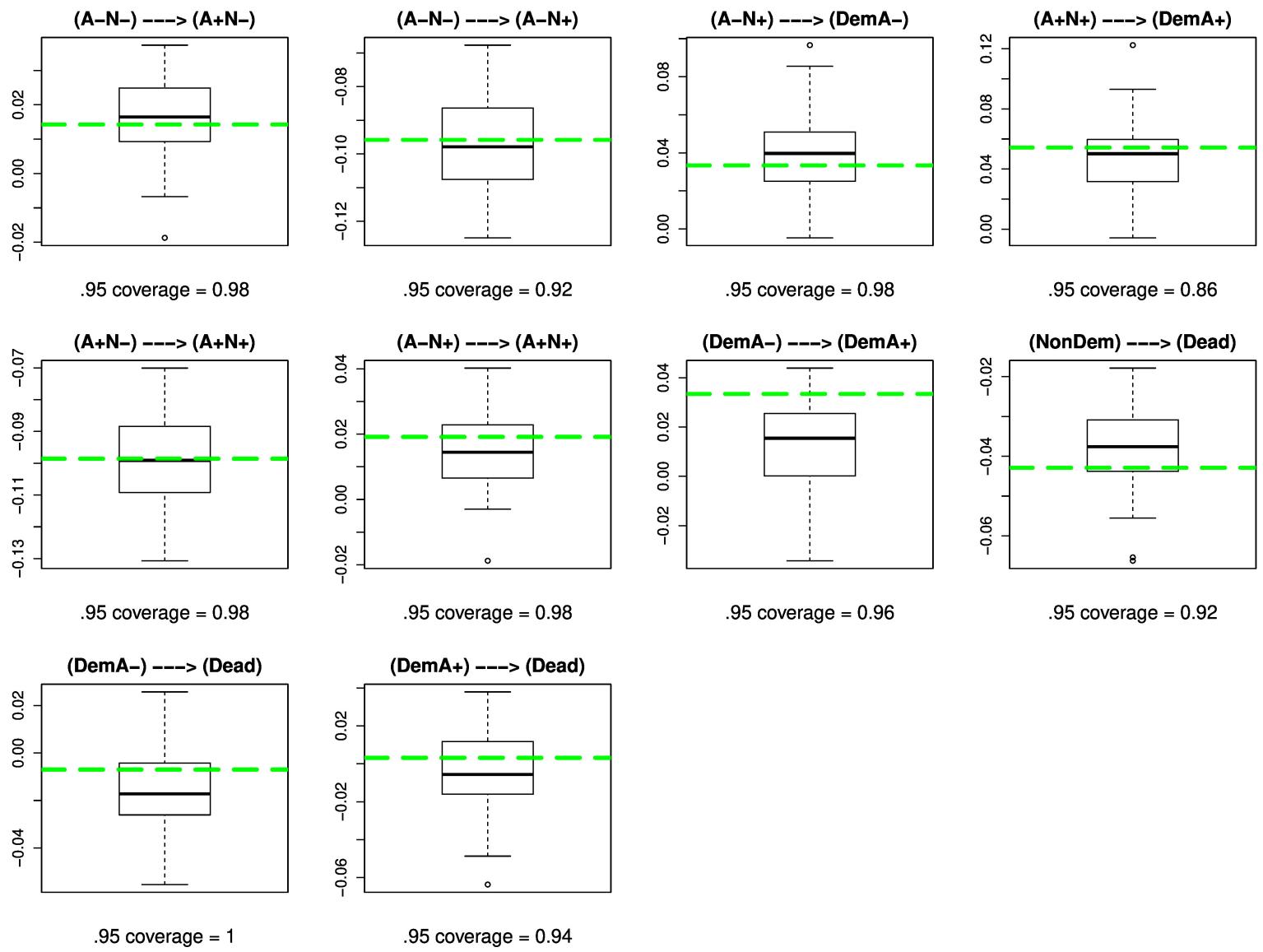


.95 coverage = 0.8

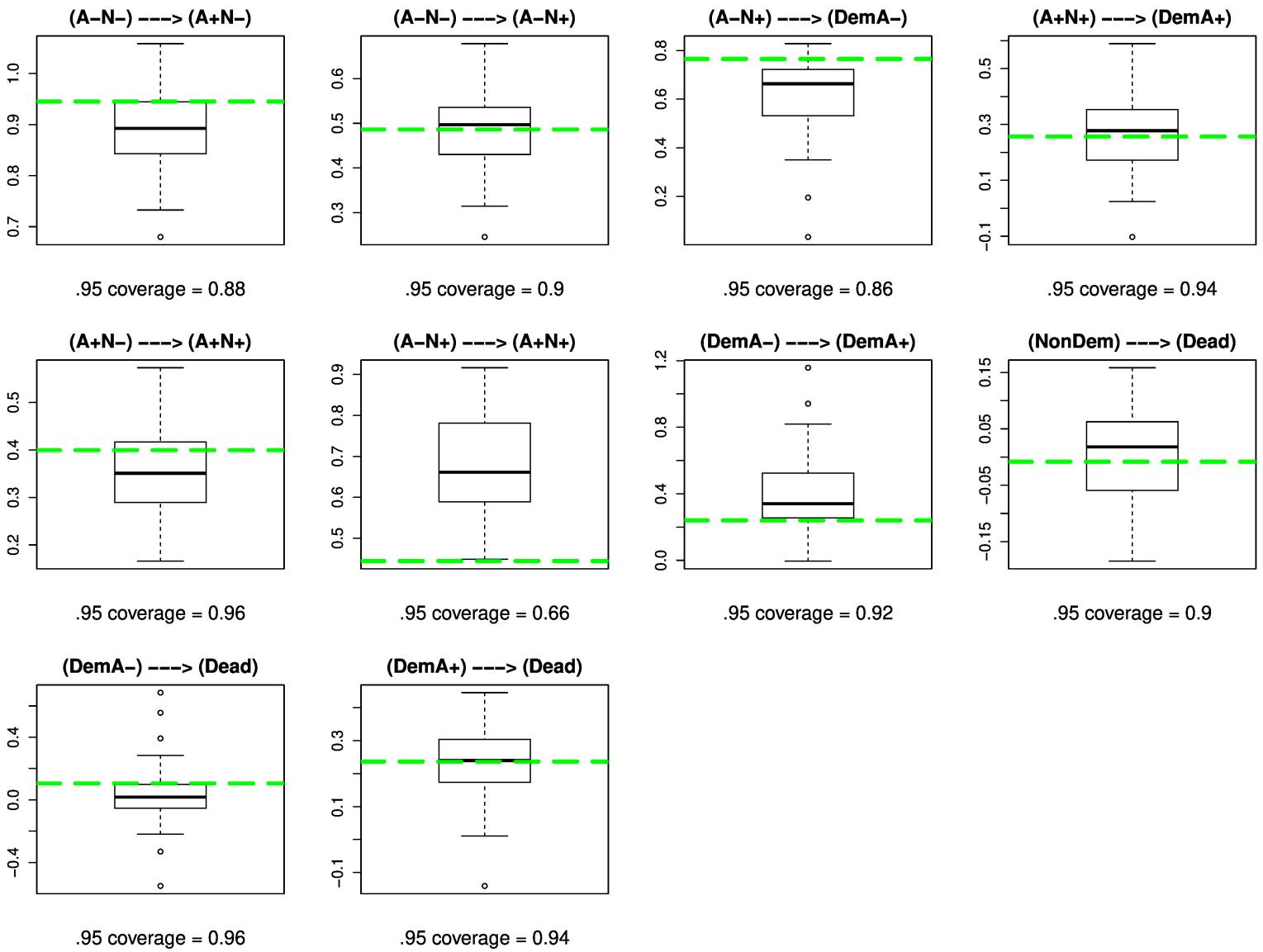
## Synthetic MCSA data: log-rate male parameters



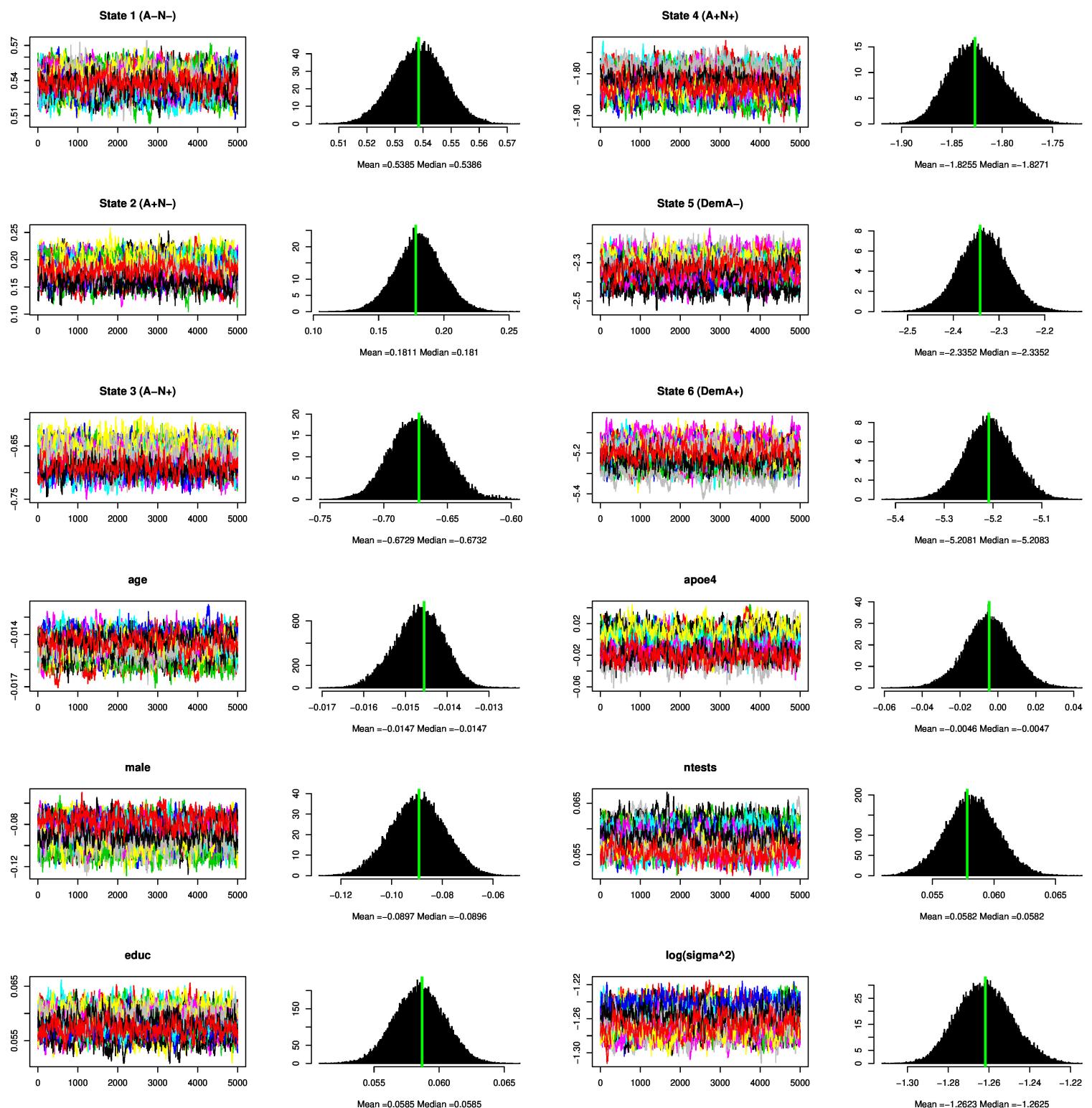
## Synthetic MCSA data: log-rate educ parameters



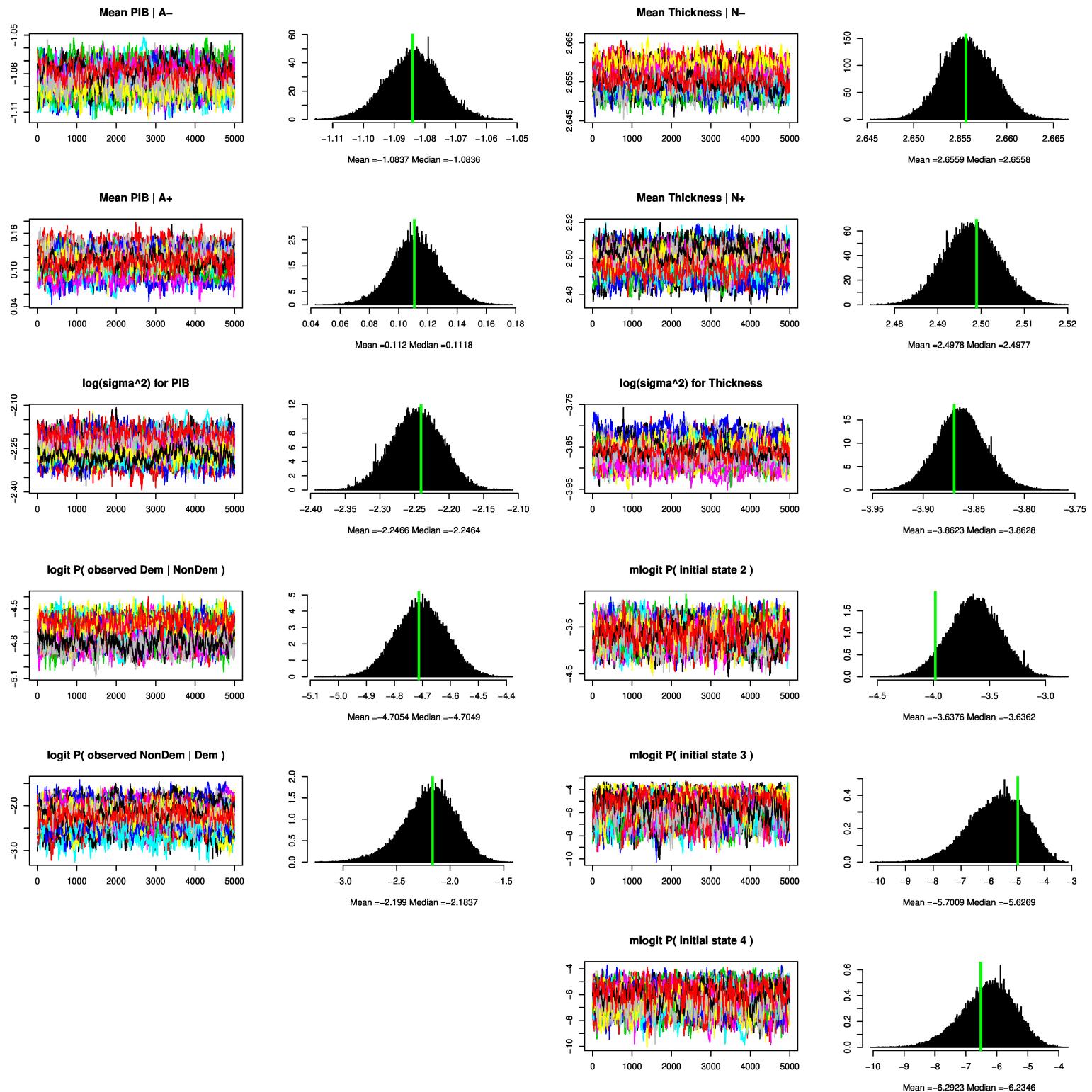
## Synthetic MCSA data: log-rate apoe4 parameters



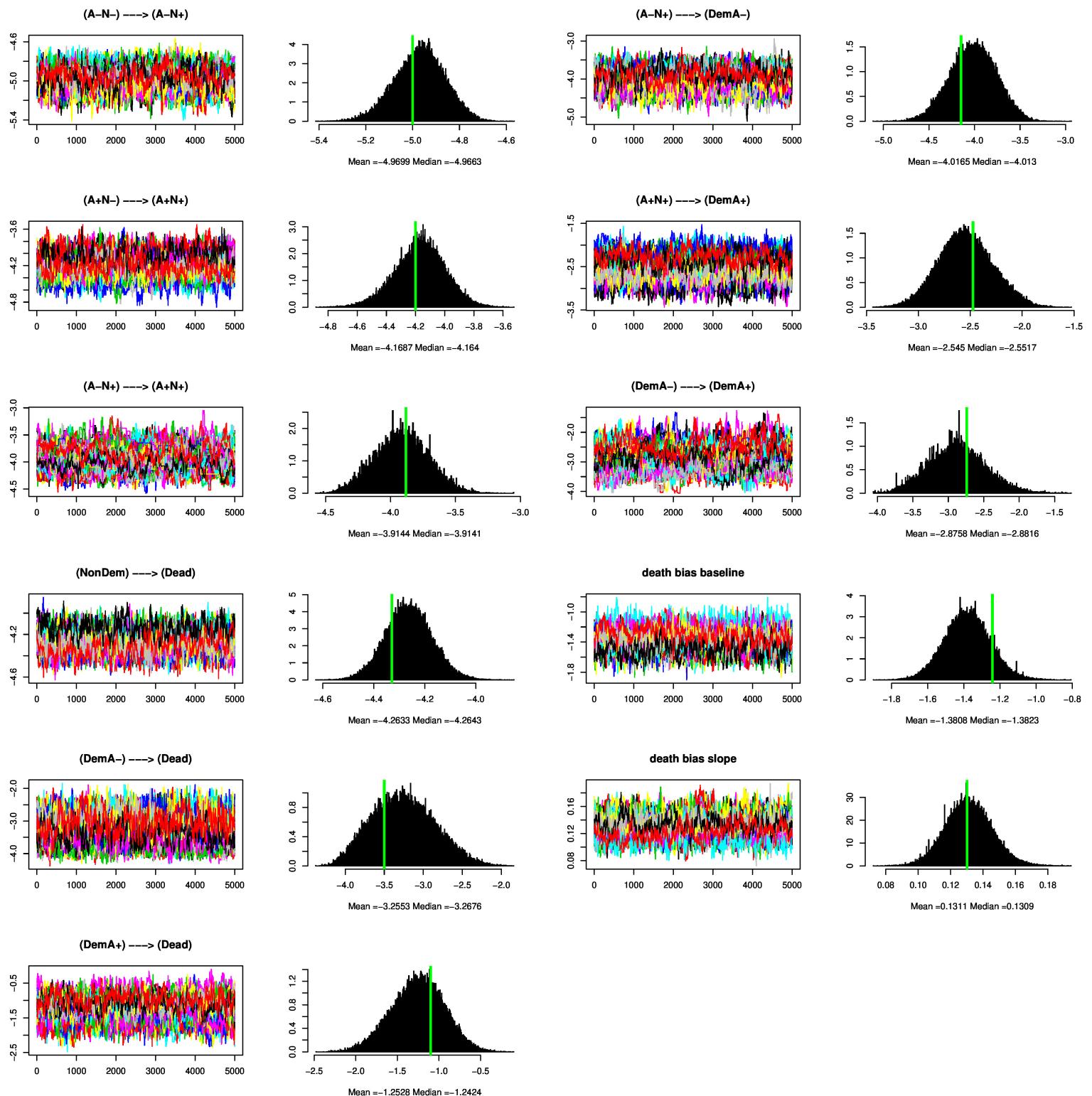
# Synthetic MCSA data: MMSE response parameters



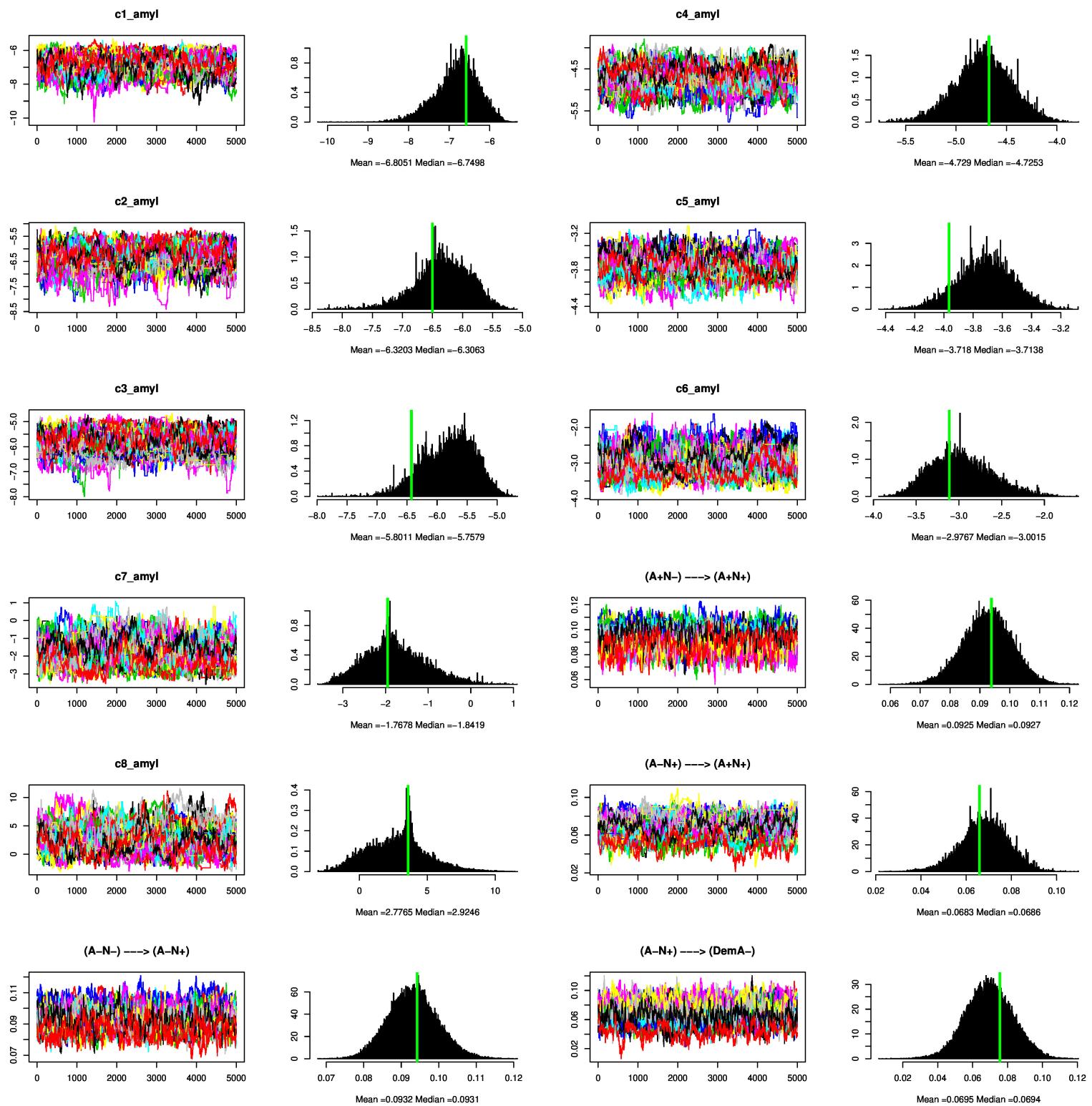
# Synthetic MCSA data: other response parameters, and initial probability parameters



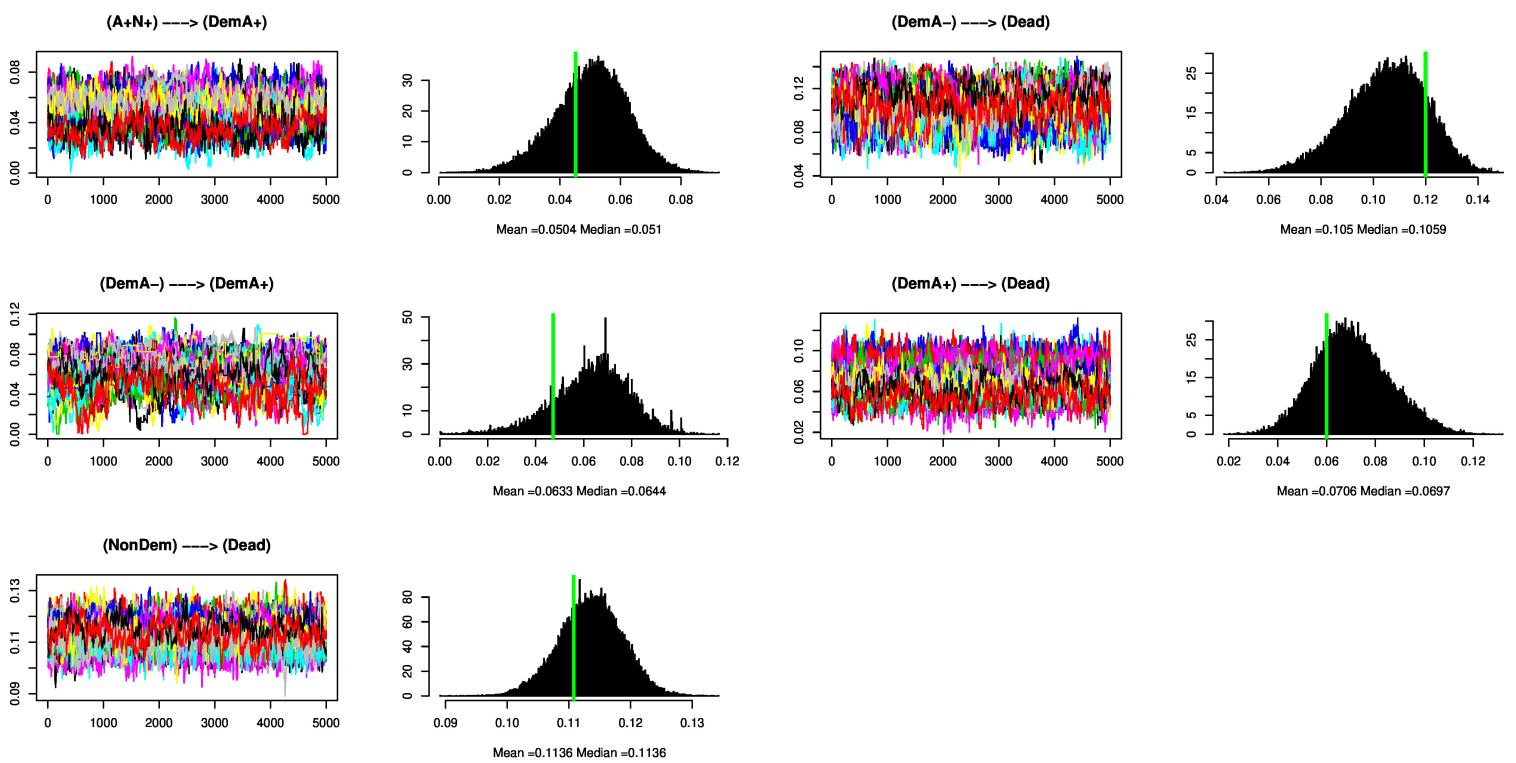
## Synthetic MCSA data: log-rate intercept and death bias parameters



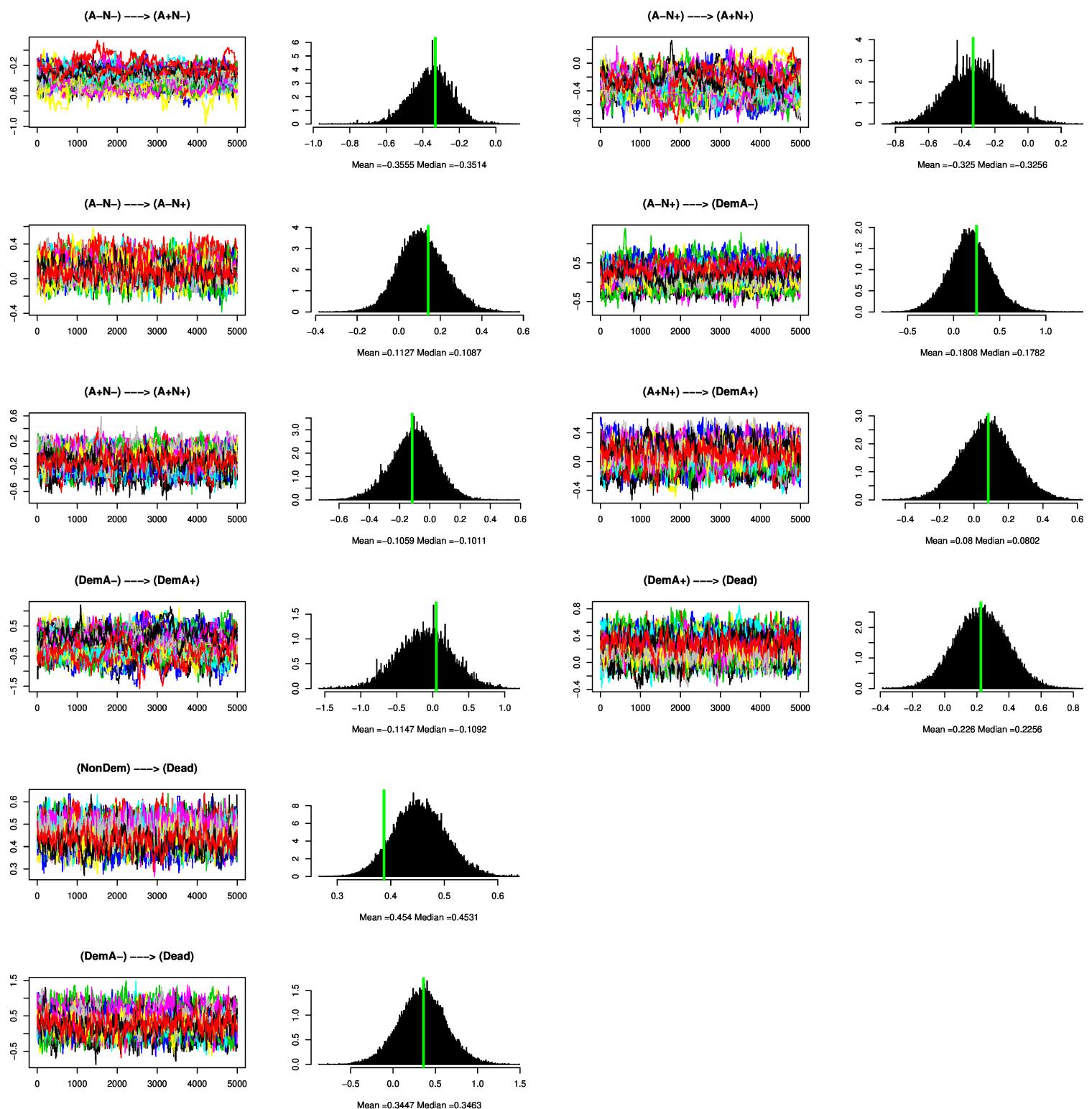
## Synthetic MCSA data: log-rate iage parameters



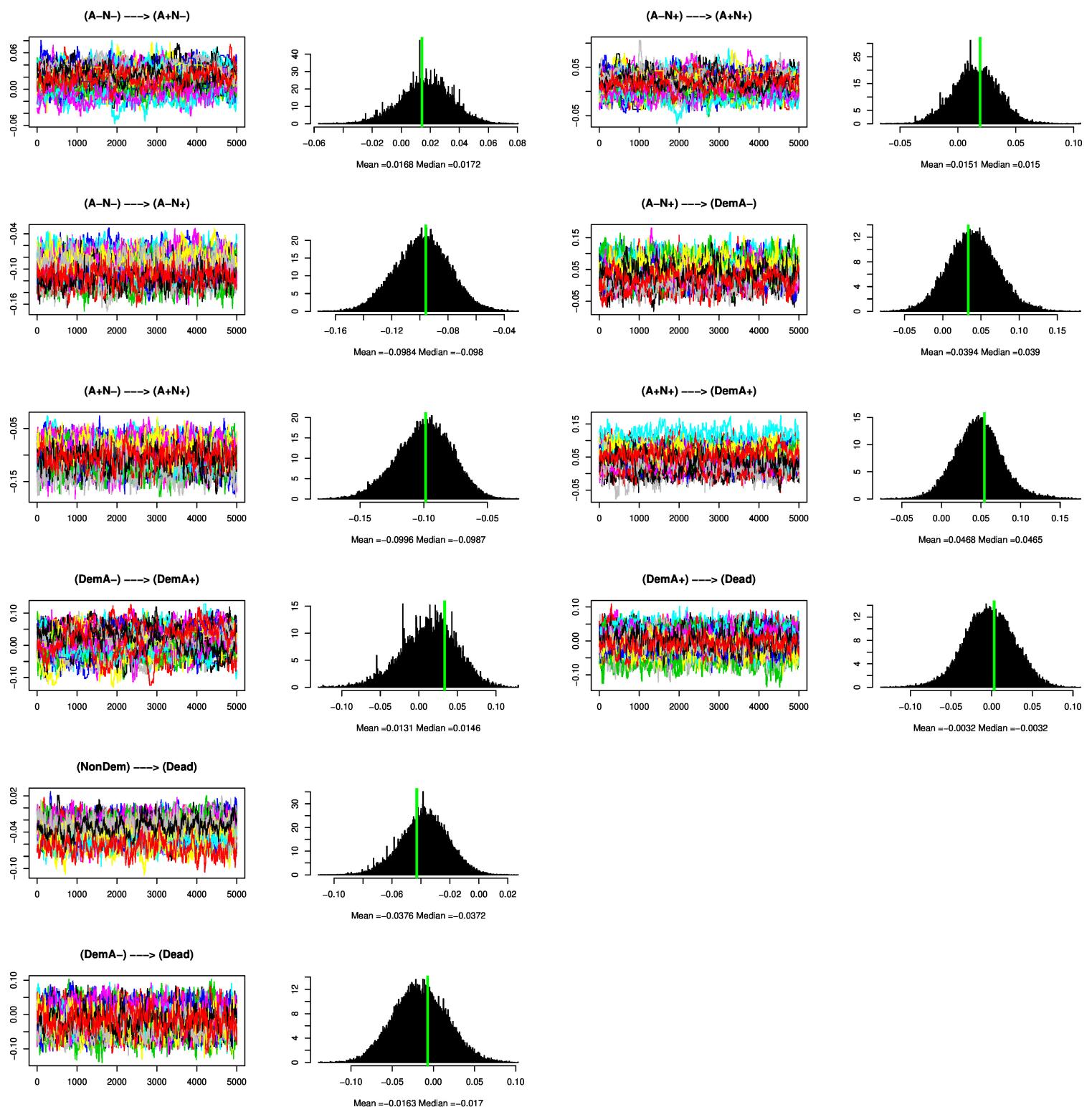
## Synthetic MCSA data: log-rate iage parameters (continued)



## Synthetic MCSA data: log-rate male parameters



## Synthetic MCSA data: log-rate educ parameters



## Synthetic MCSA data: log-rate apoe4 parameters

