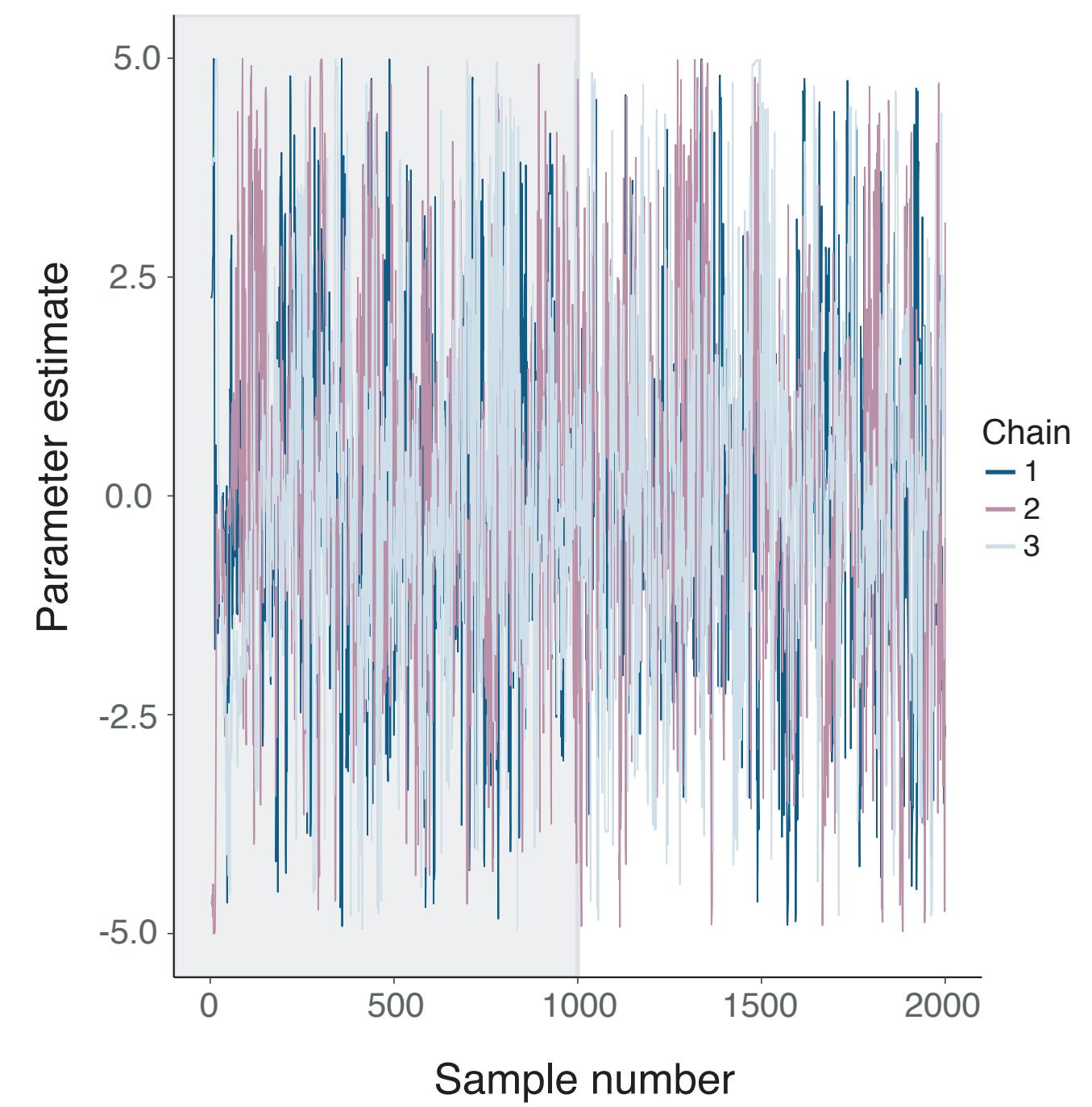
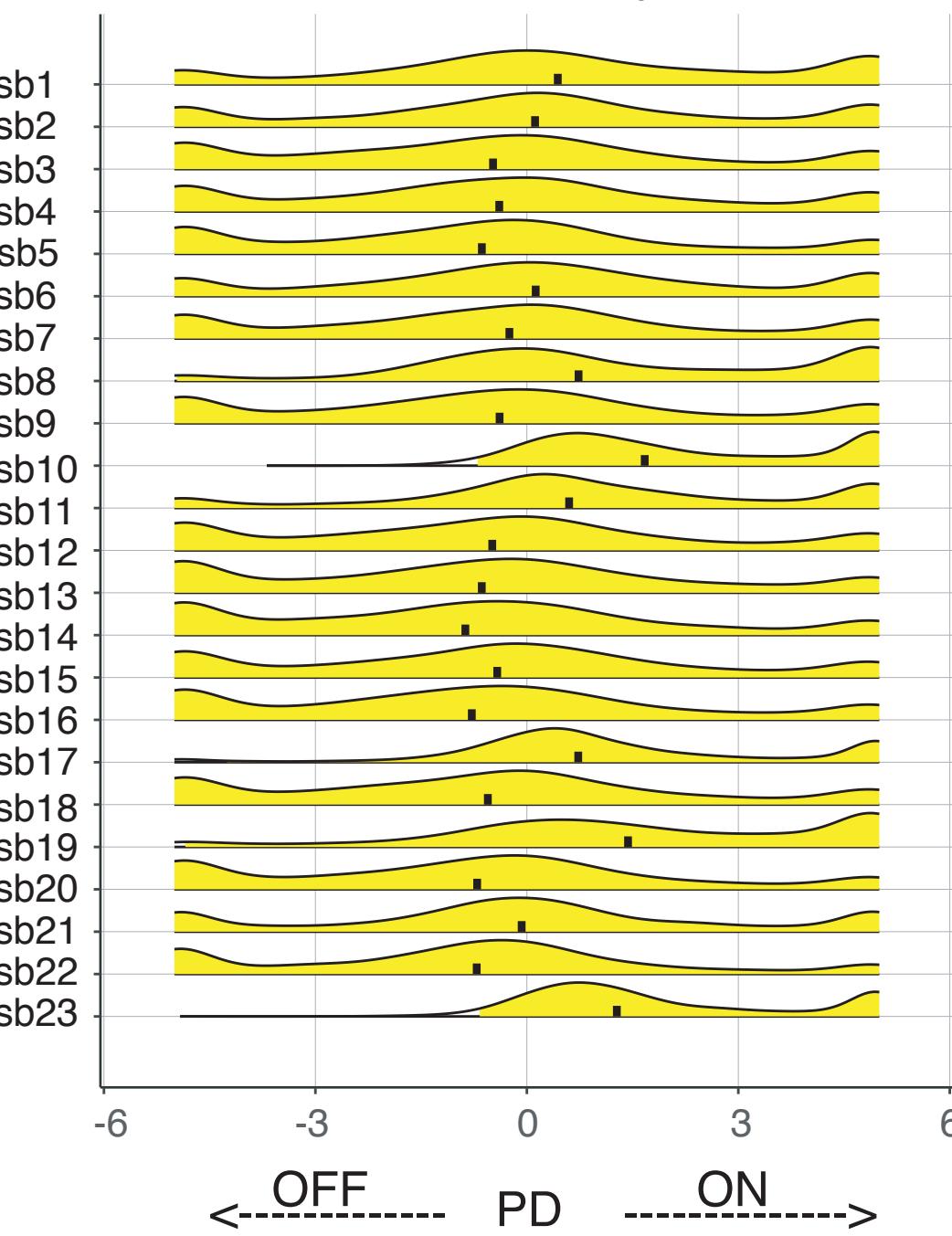
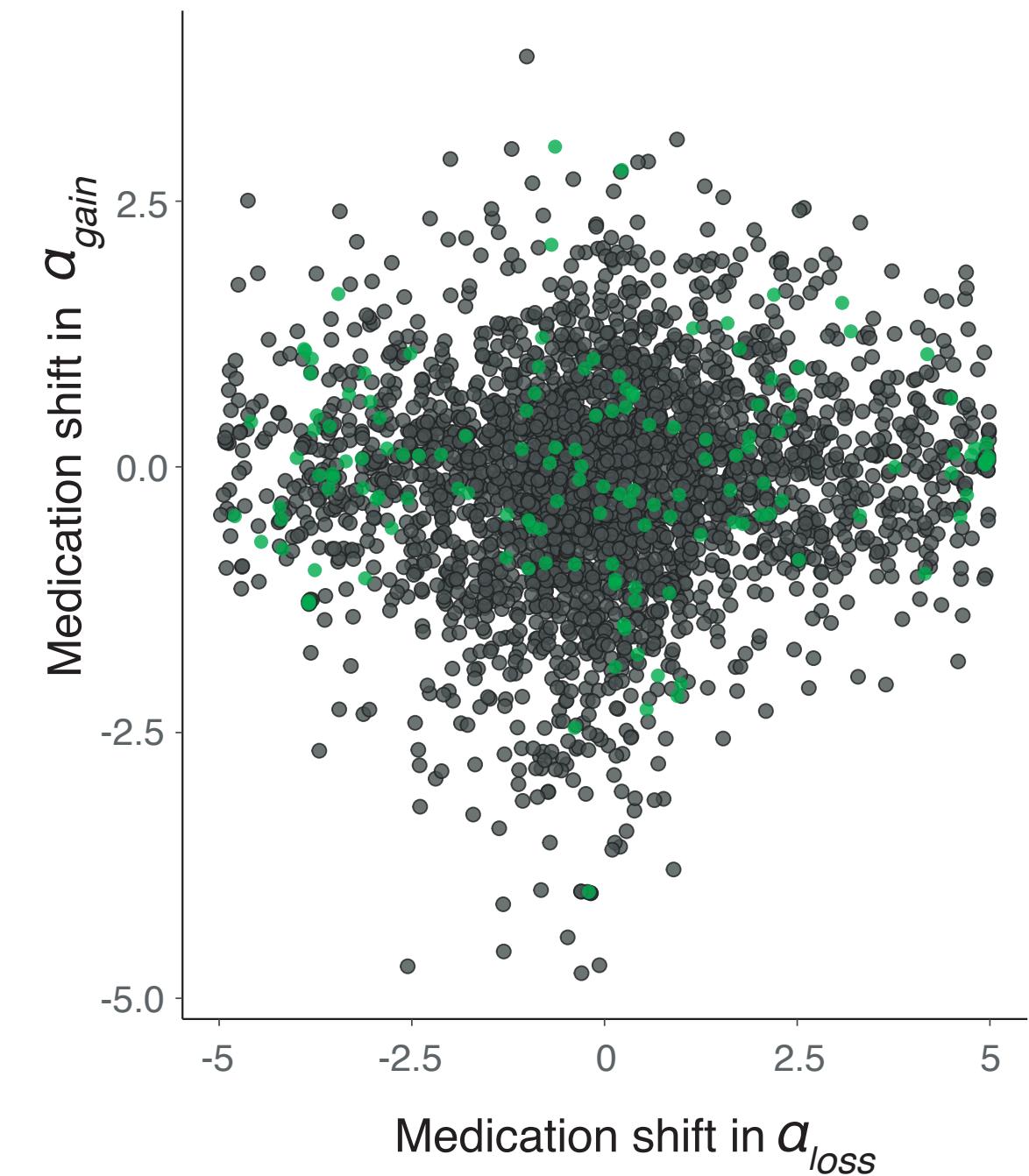


A

Chain convergence for:

Med shift in a_{gain} **B**

Individual posterior distributions:

Med shift in a_{gain} **C**Divergent sampling transitions in
 a_{gain} and a_{loss} Medication shift

Representative plots of OpAL convergence issues and misspecification of model parameters. (A) Chains of the again medication-driven difference parameter do not converge, i.e., they bounce between boundaries with a substantial spread that does not reduce across samples. (B) Non-normal (bi- and tri-modal) distributions of the again medication-driven difference parameter, with posterior peaks at the limits of possible parameter values. (C) A large number of divergent transitions occur during sampling. This means the sampler misses certain features of the target distribution and returns biased estimates. The divergences are plotted here for the again and aloss medication-driven difference parameters.