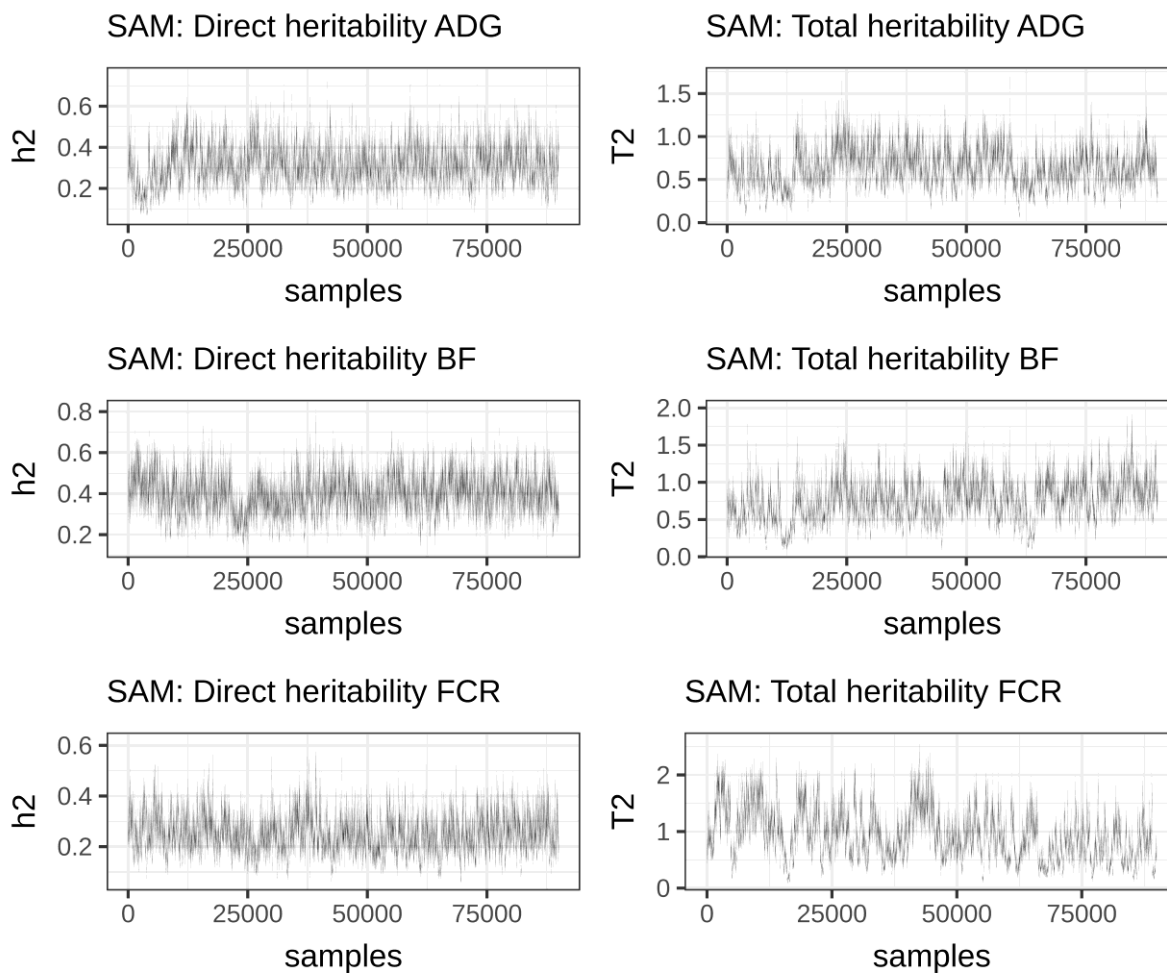
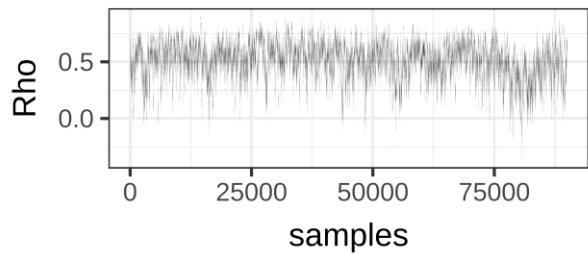


Additional file 1

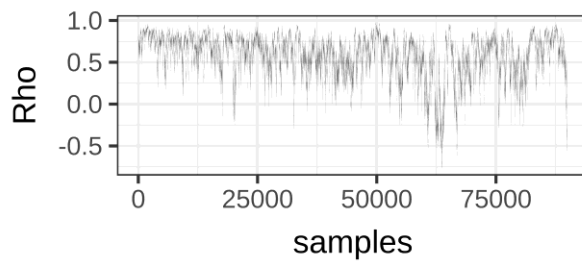
Figure S1 Trace plots of Markov Chains of the genetic parameters for the social animal model



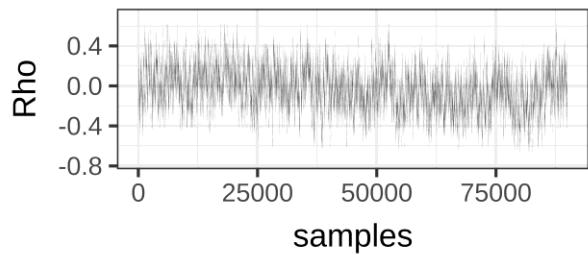
SAM: $\rho(\text{DGE-ADG}, \text{DGE-BF})$



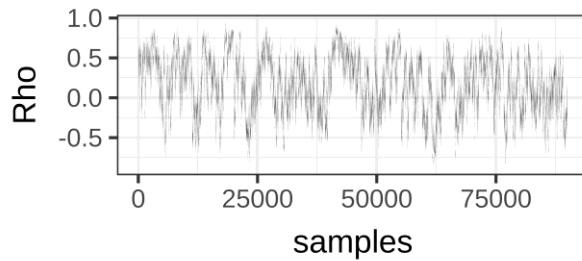
SAM: $\rho(\text{IGE-ADG}, \text{IGE-BF})$



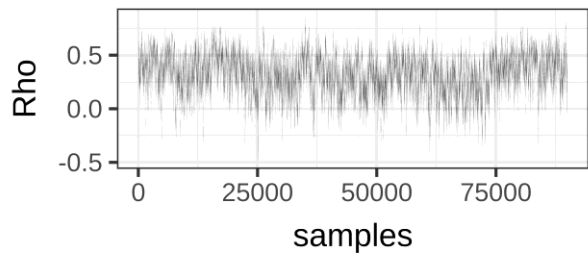
SAM: $\rho(\text{DGE-ADG}, \text{DGE-FCR})$



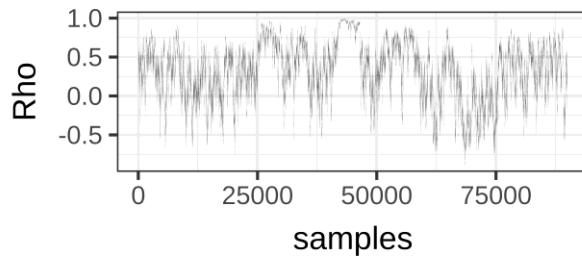
SAM: $\rho(\text{IGE-ADG}, \text{IGE-FCR})$



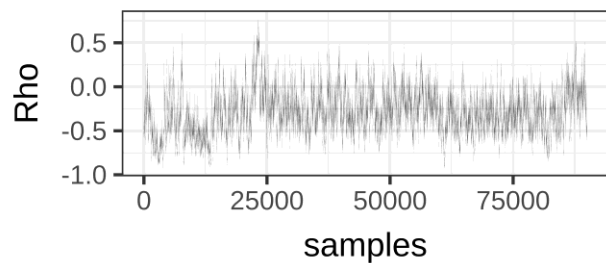
SAM: $\rho(\text{DGE-BF}, \text{DGE-FCR})$



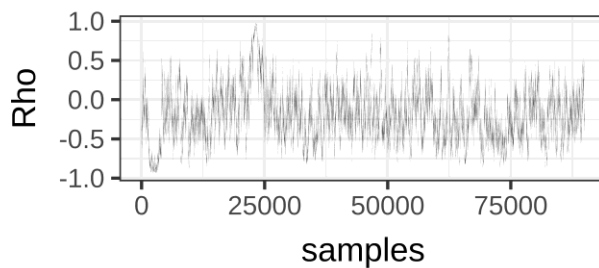
SAM: $\rho(\text{IGE-BF}, \text{IGE-FCR})$



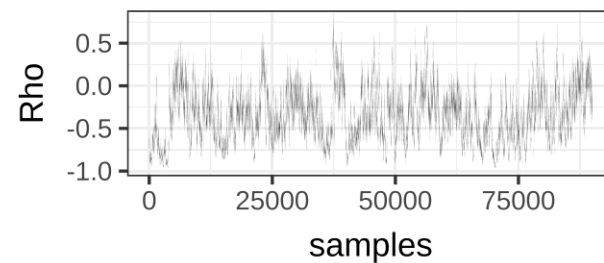
SAM: $\rho(\text{DGE-ADG}, \text{IGE-ADG})$



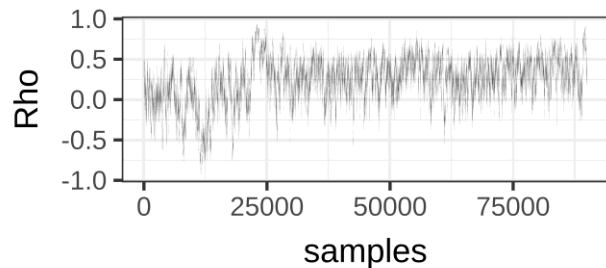
SAM: $\rho(\text{DGE-ADG}, \text{IGE-BF})$



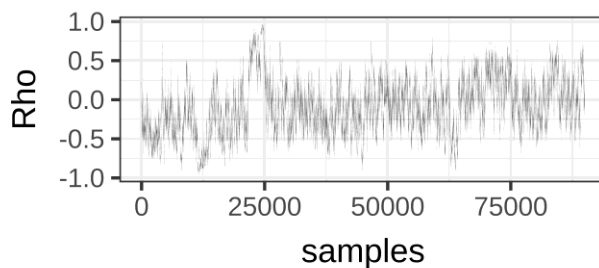
SAM: $\rho(\text{DGE-ADG}, \text{IGE-FCR})$



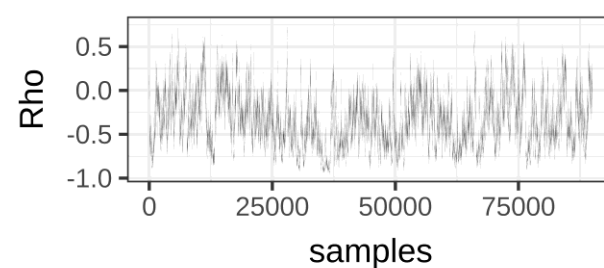
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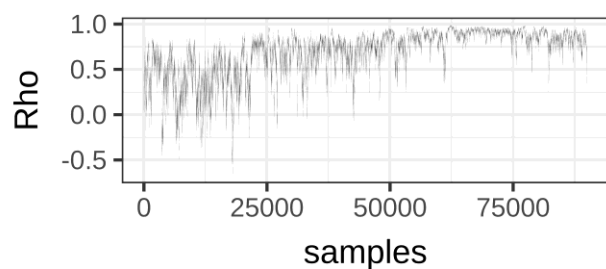
SAM: $\rho(\text{DGE-BF}, \text{IGE-BF})$



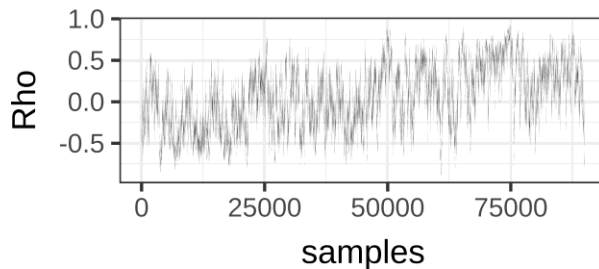
SAM: $\rho(\text{DGE-BF}, \text{IGE-FCR})$



SAM: $\rho(\text{DGE-FCR}, \text{IGE-ADG})$



SAM: $\rho(\text{DGE-FCR}, \text{IGE-BF})$



SAM: $\rho(\text{DGE-FCR}, \text{IGE-FCR})$

