# TIM Simulation Summary

#### MODEL STRUCTURE

Match/Mismatch: Matching

Population Structure: Spatial Heterogeneity

Total # of Sims: 200

Proportion of Sims Converged: 200 of 200 (1)

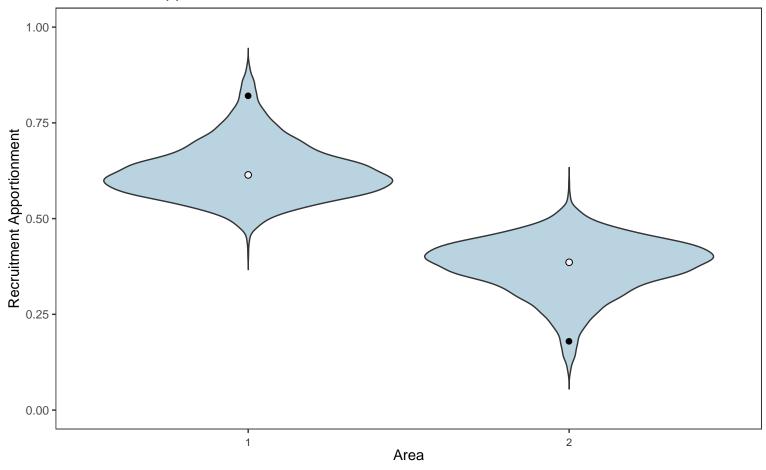
Report Date: 2022-05-04 17:32:01

**Input Parameters Survey Catchability** Mean Recruitment 33000 -0.0017 32000 -Survey Catchability 31000 -Mean Recruitment 0 30000 ô ċ 29000 -0.0014 -28000 -2 Area Area Survey Catchability Bias Mean Recruitment Bias 10 15 Relative % Difference Relative % Difference 0 0 0 5 · -5 1 Area 2

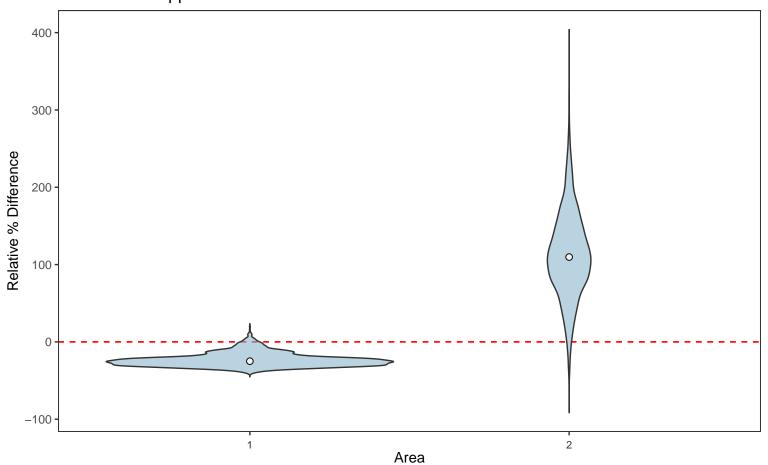
Year

### Recruitment Apportionment

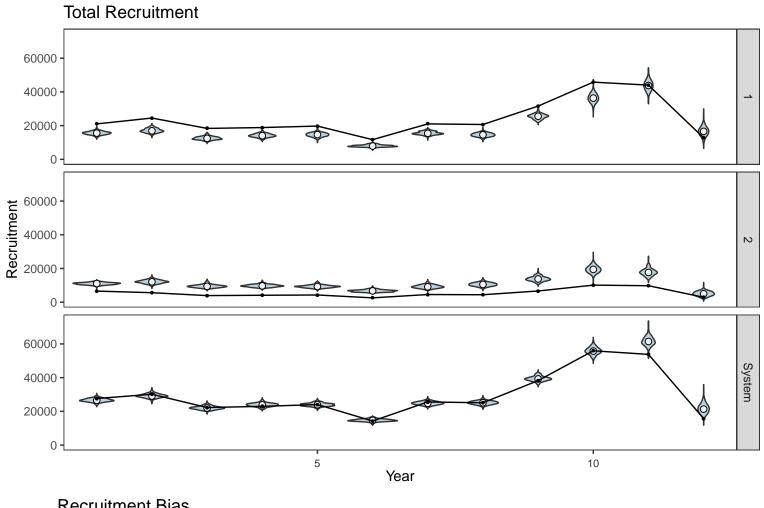


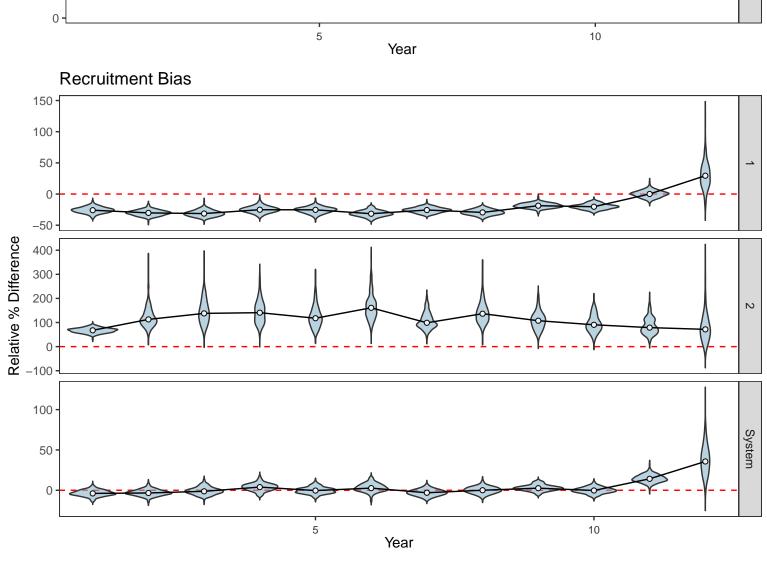


## Recruitment Apportionment Bias



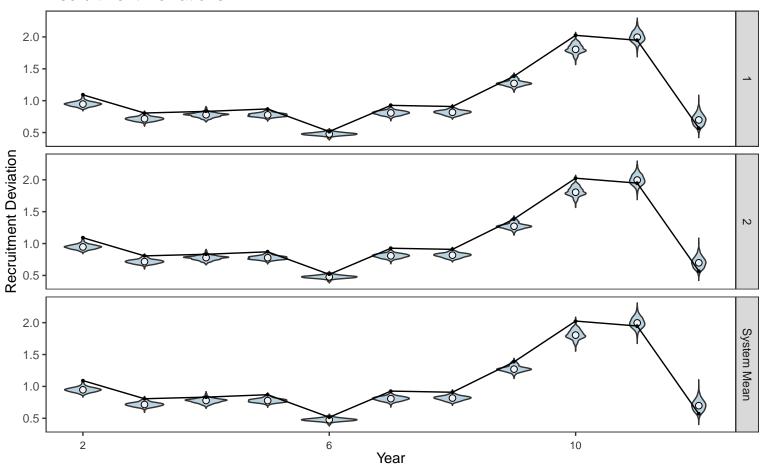
### **Recruitment Estimation**



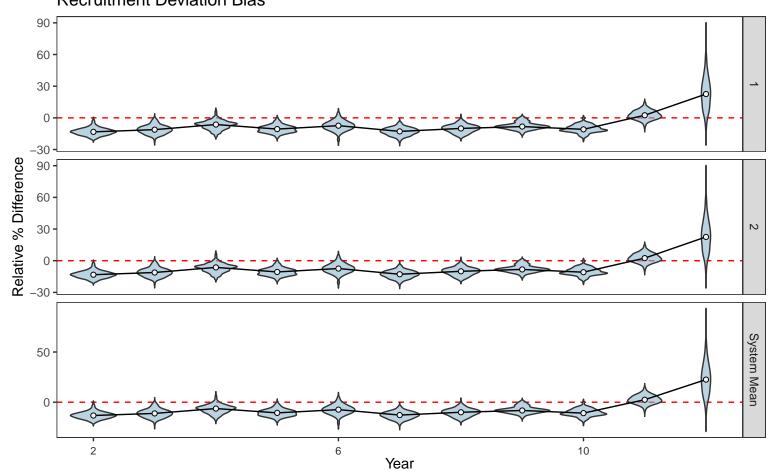


#### **Recruitment Deviations**

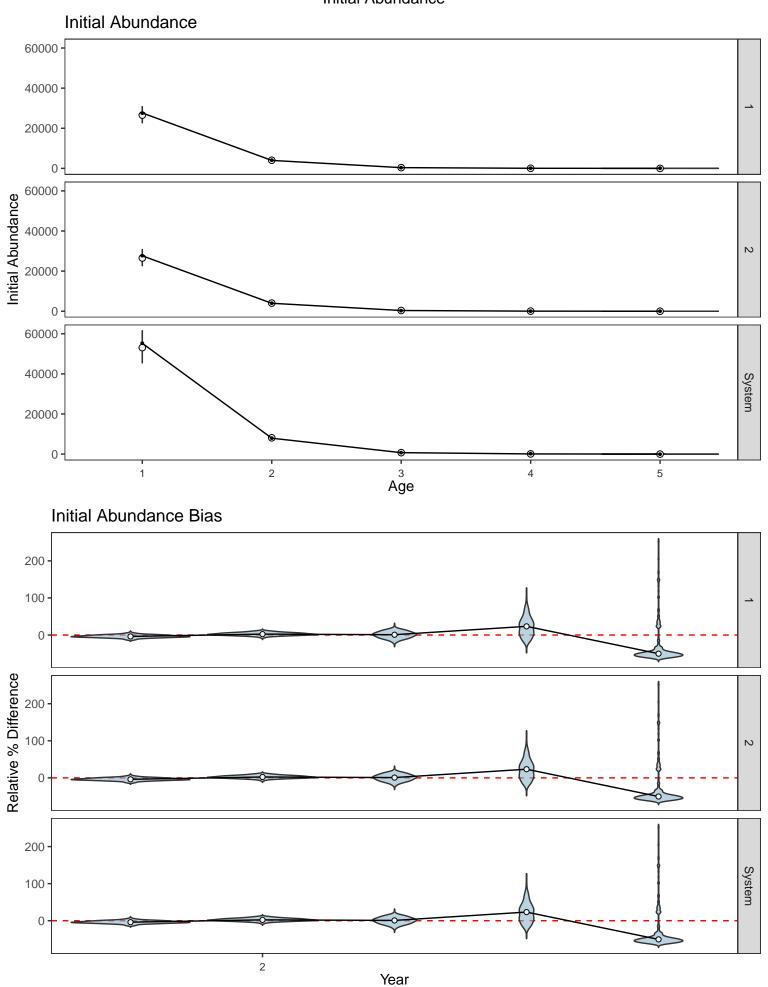


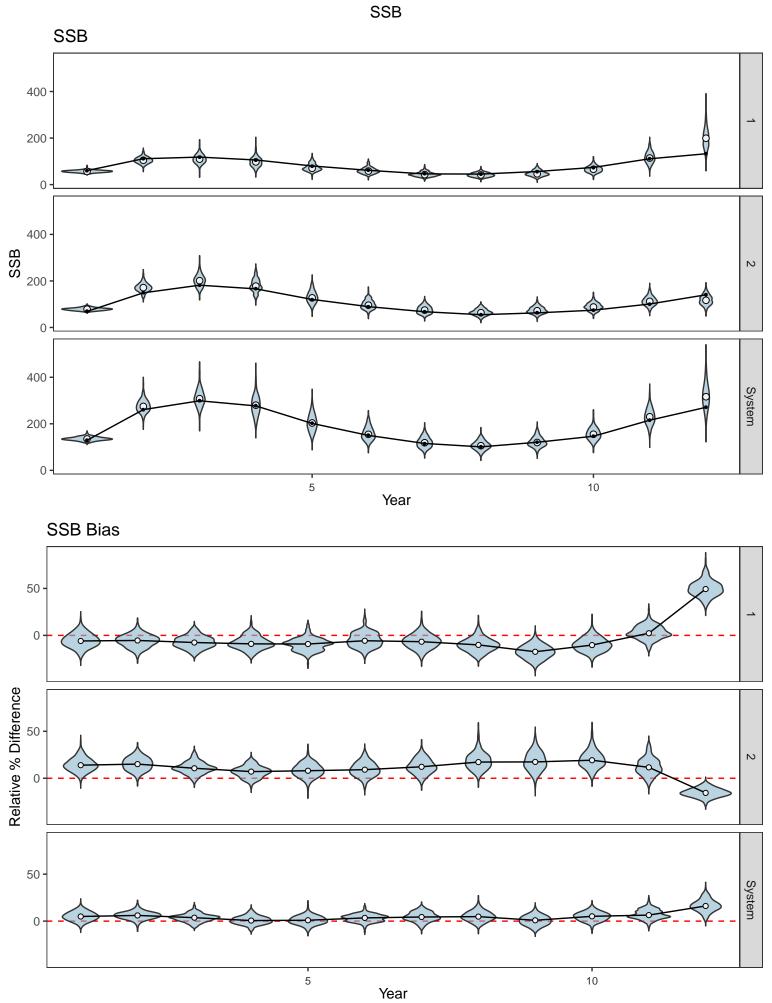


### Recruitment Deviation Bias

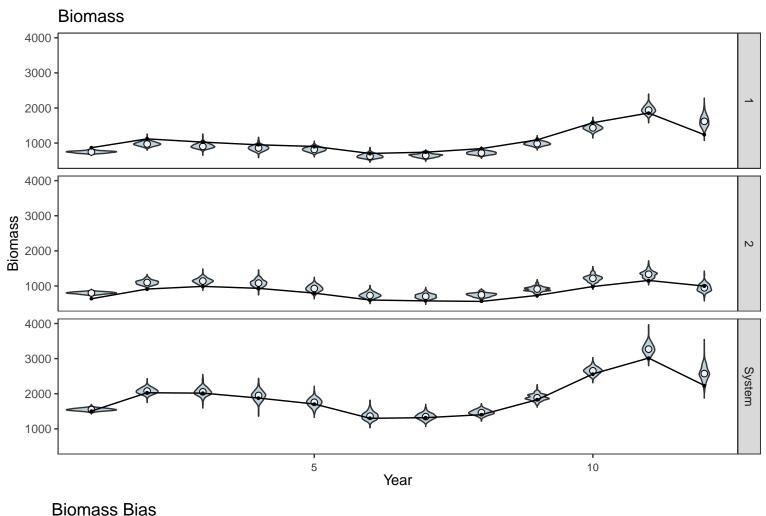


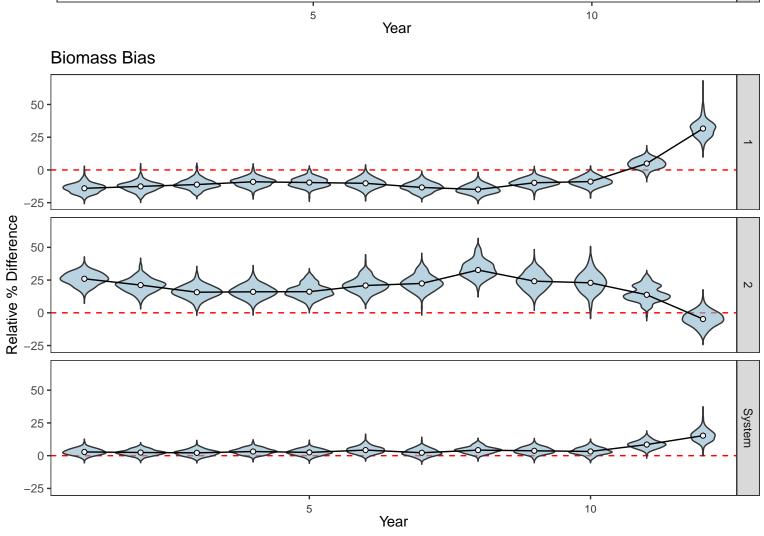


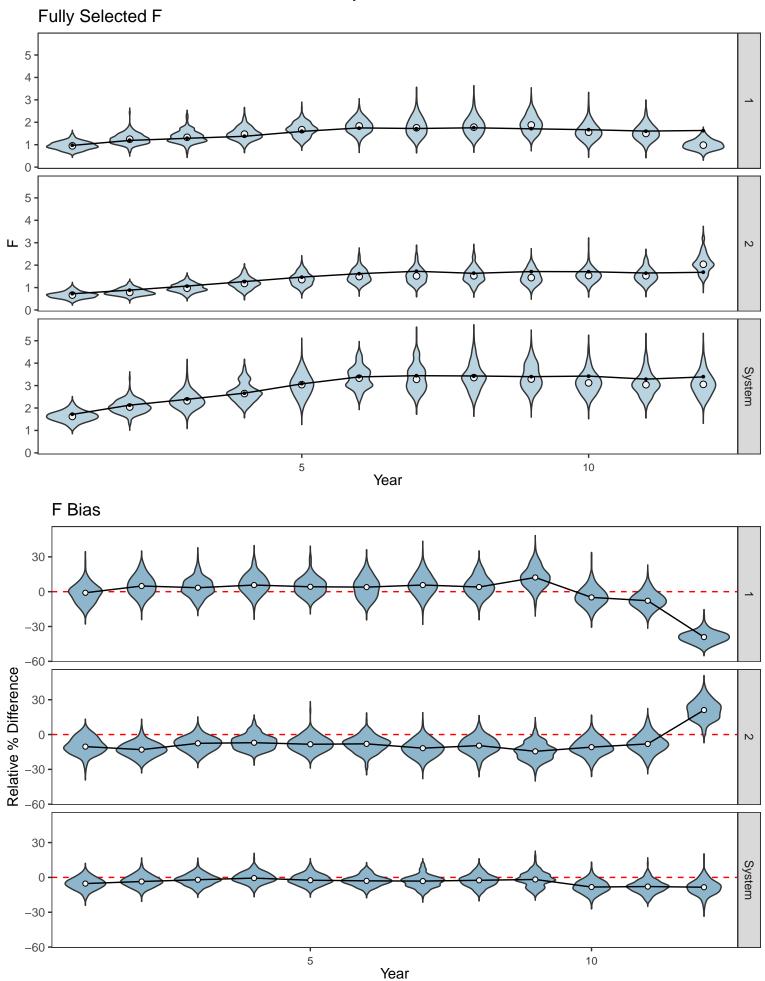




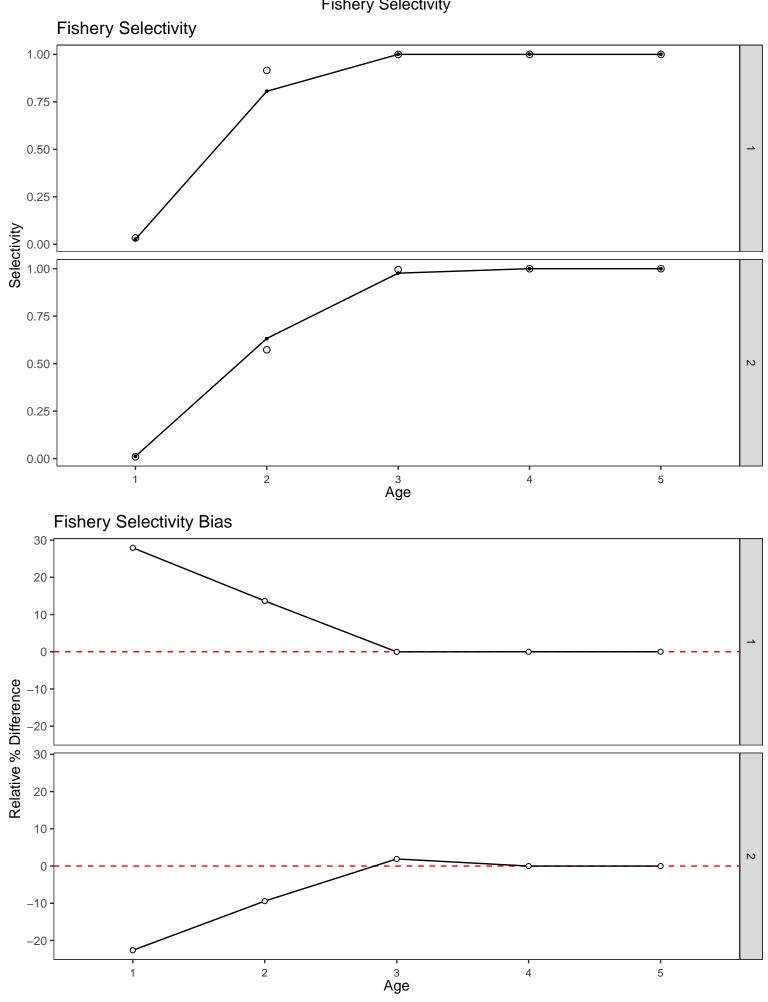




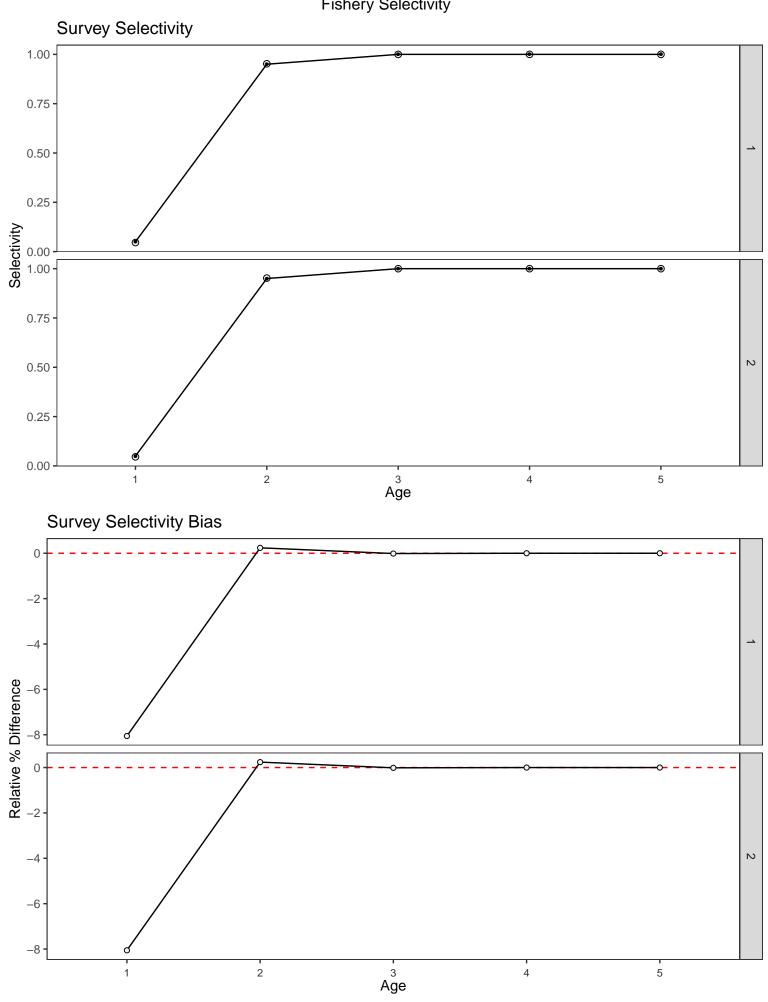


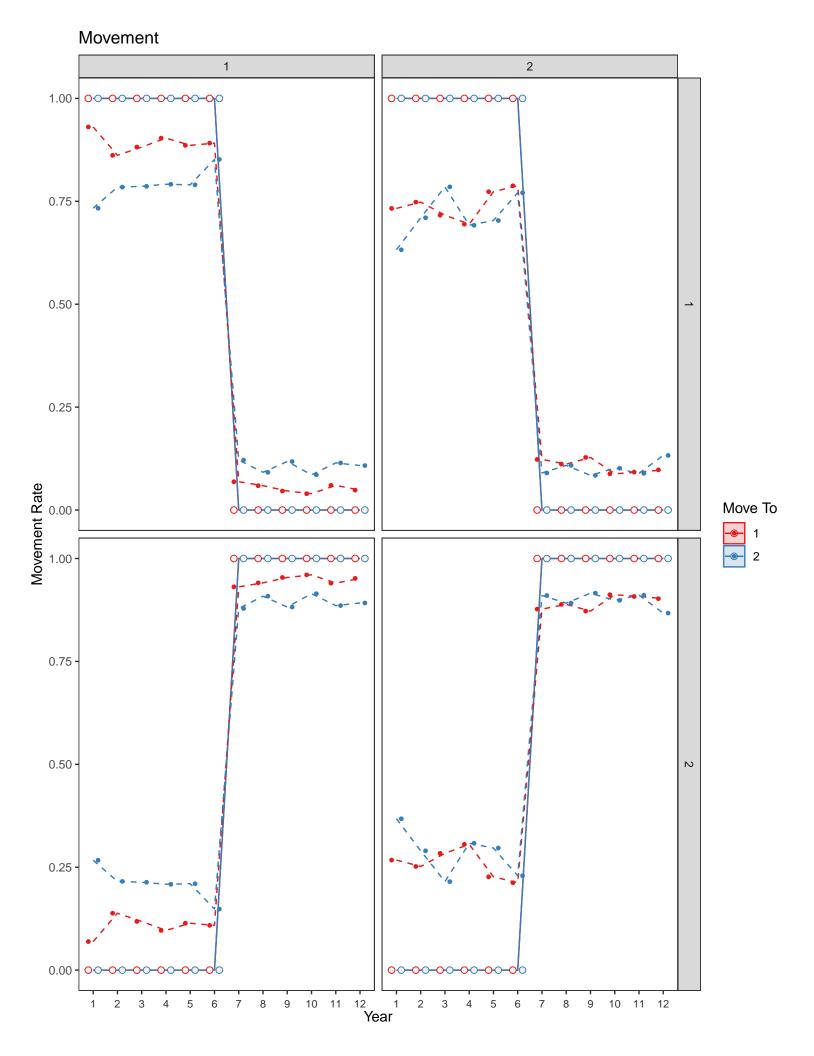












Movement

