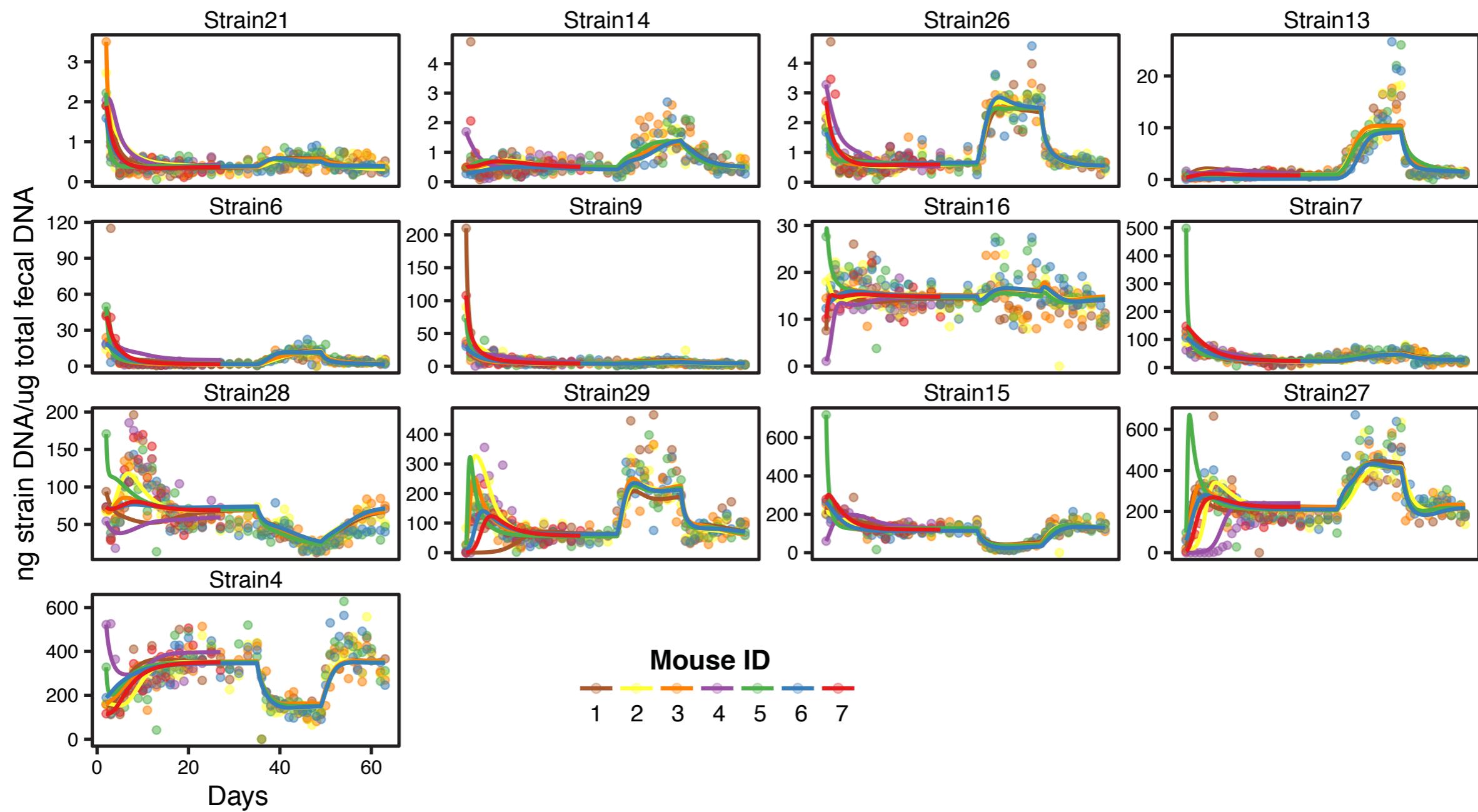


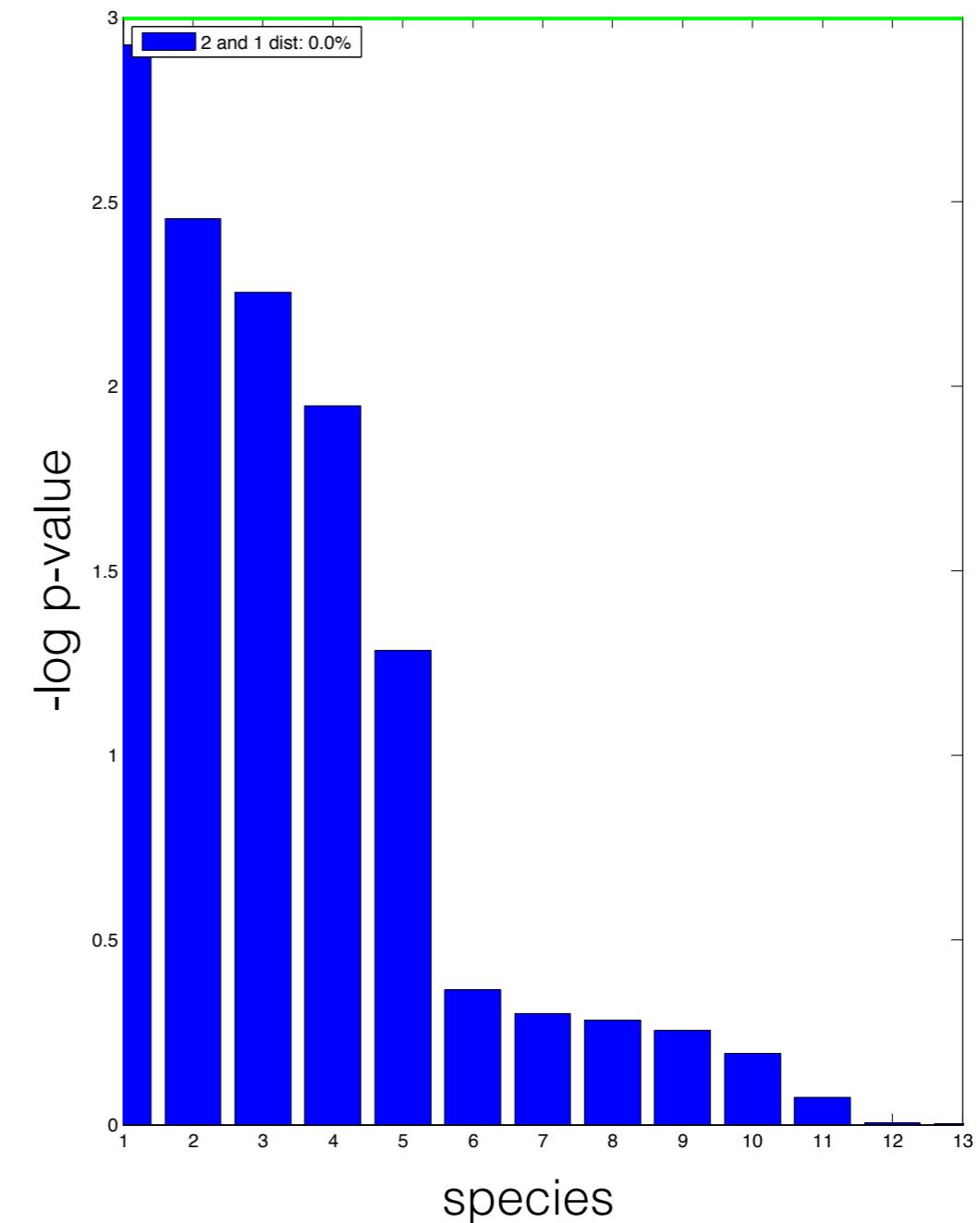
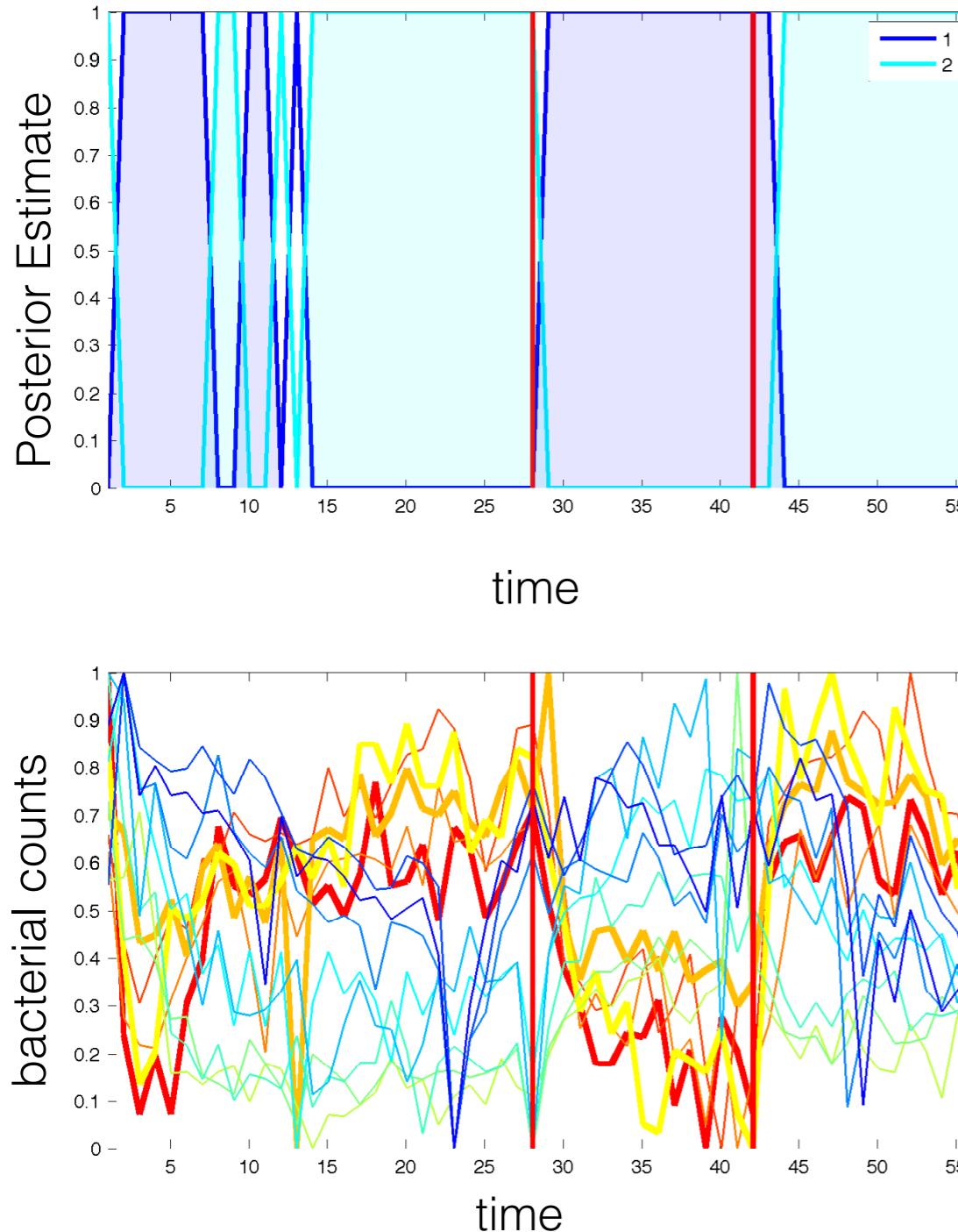
# Mice on a controlled diet

Different strains in 5 mice before and after a diet perturbation



# HMM on mice dataset

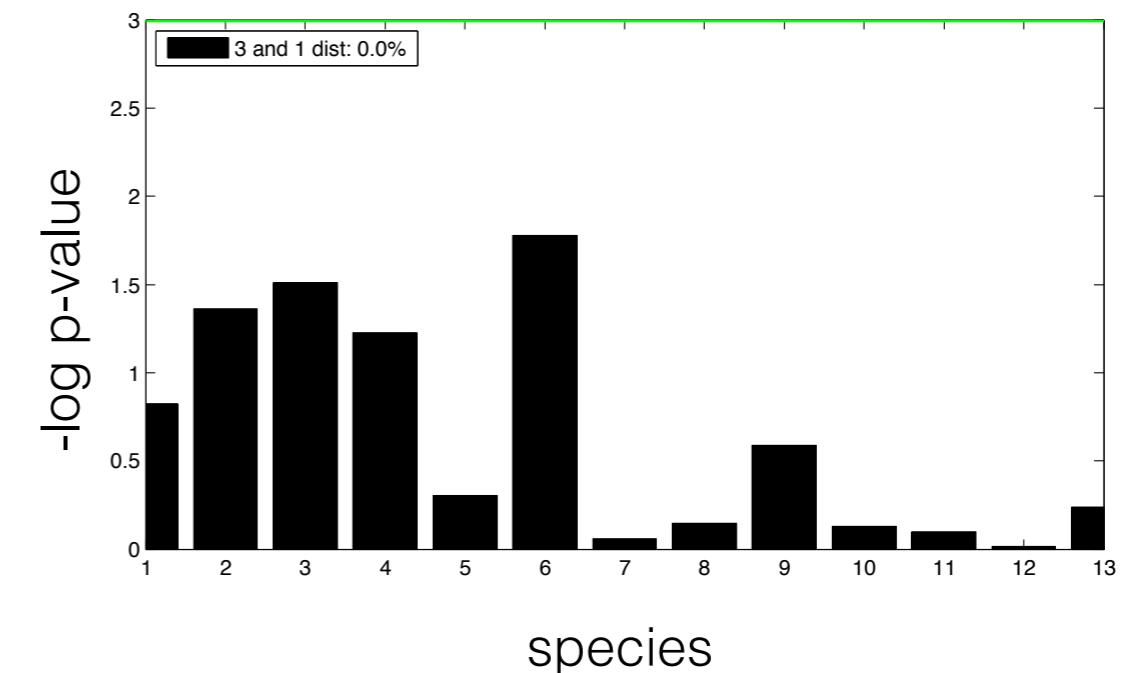
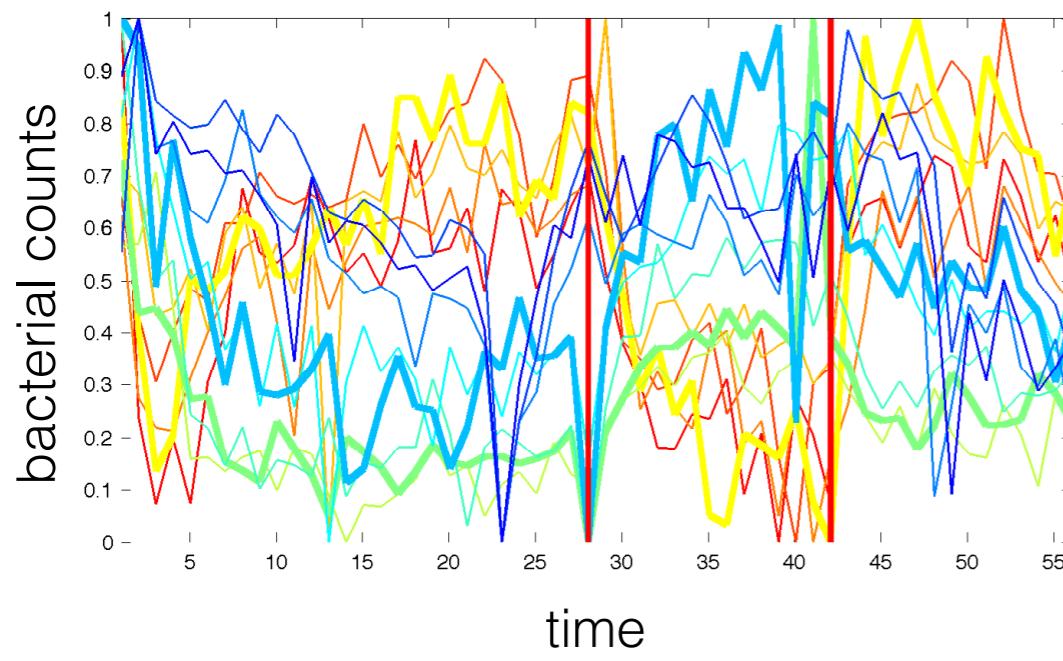
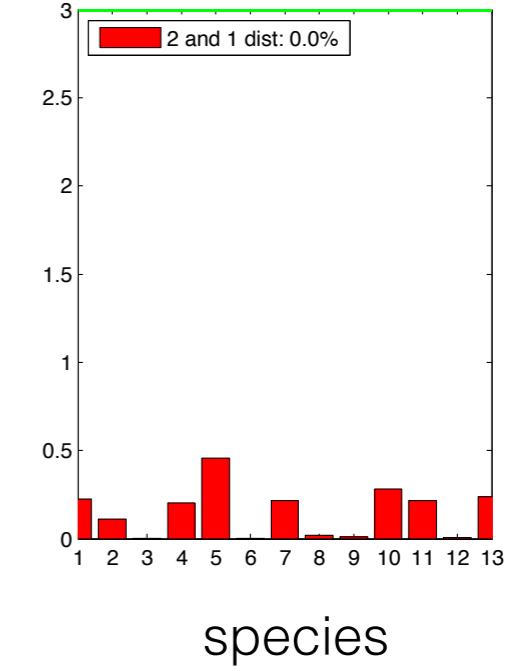
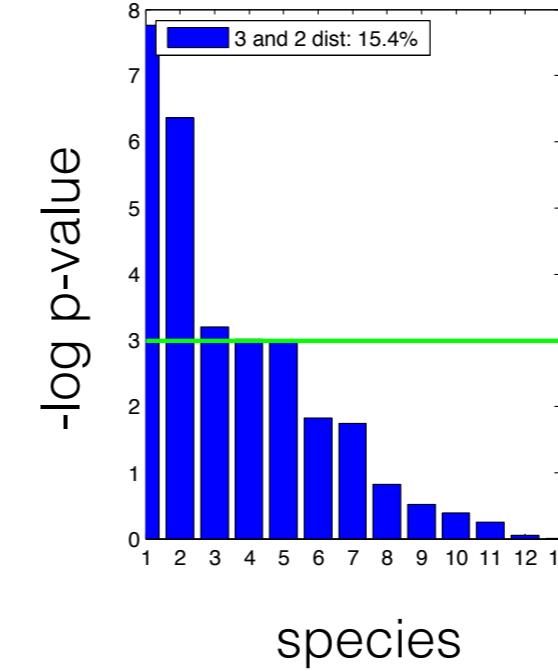
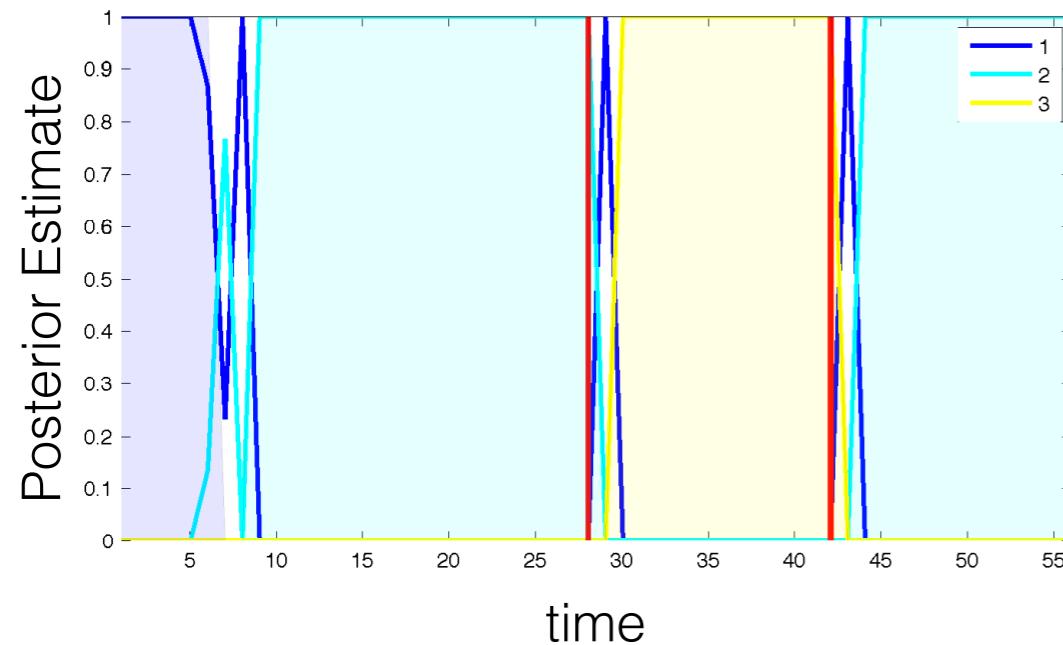
HMM results hidden state 2: Full recovery. Identification of the perturbation.



Interesting analysis: The transient initial state creates some unclear patterns. Bold lines represent the 3 species that mostly modified (p-value close to significance)

# HMM on mice dataset

HMM results hidden state 3: Full recovery. Clear identification of the perturbation.



Interesting analysis: The transient initial state shares similarities with the normal state while the other has a strong signature. Bold lines are the most significant species with p-value < .05 with Bonferroni correction.