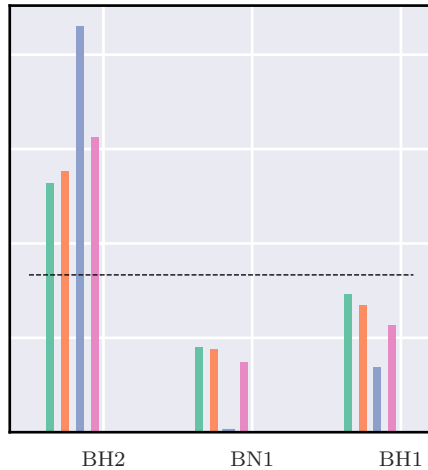
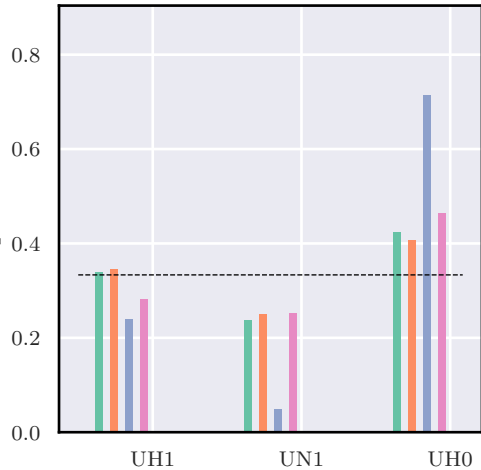


Deviation from expected relative density



- $q = 0.9, p_{SBT} = 0.0, p_{ST} = 0.7, \rho_0 = 0.9, \rho = 0.79$
- $q = 0.9, p_{SBT} = 0.4, p_{ST} = 0.6, \rho_0 = 0.9, \rho = 0.78$
- $q = 1.0, p_{SBT} = 0.5, p_{ST} = 0.5, \rho_0 = 0.8, \rho = 0.84$
- t11_2: $\rho = 0.74$