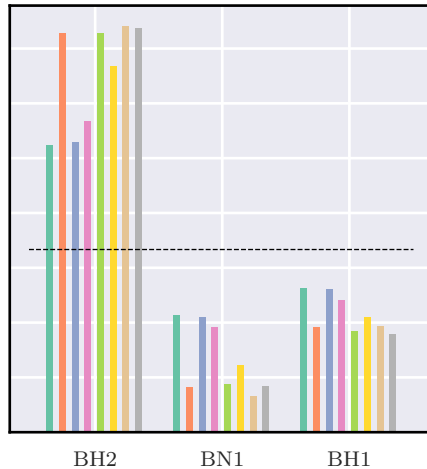
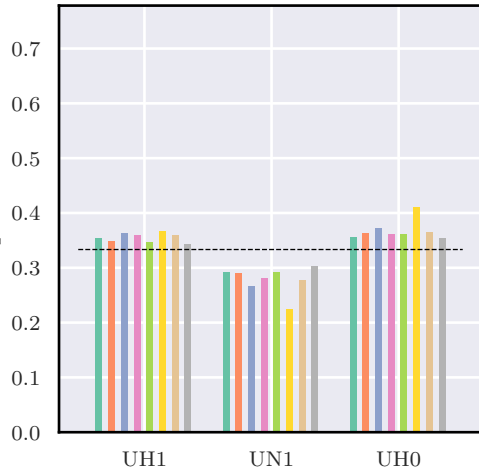


Deviation from expected relative density



- $q = 0.7, p_{SBT} = 0.2, p_{ST} = 1.0, \rho_0 = 0.6, \rho = 0.93$
- $q = 0.8, p_{SBT} = 0.0, p_{ST} = 1.0, \rho_0 = 0.8, \rho = 0.98$
- $q = 0.8, p_{SBT} = 0.2, p_{ST} = 0.8, \rho_0 = 0.4, \rho = 0.89$
- $q = 0.8, p_{SBT} = 0.4, p_{ST} = 0.7, \rho_0 = 0.6, \rho = 0.94$
- $q = 0.8, p_{SBT} = 0.8, p_{ST} = 0.6, \rho_0 = 0.6, \rho = 0.99$
- $q = 0.9, p_{SBT} = 0.1, p_{ST} = 0.7, \rho_0 = 0.2, \rho = 0.89$
- $q = 0.9, p_{SBT} = 0.6, p_{ST} = 0.6, \rho_0 = 0.9, \rho = 0.99$
- t2: $\rho = 0.9$