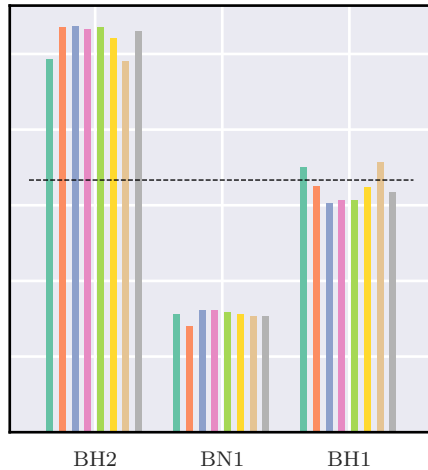
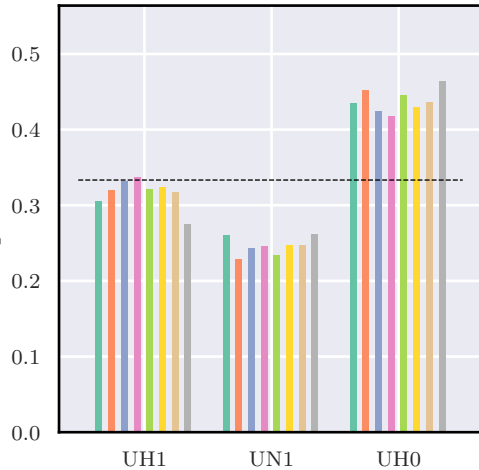


Deviation from expected relative density



- $q = 0.8, p_{SBT} = 0.0, p_{ST} = 1.0, \rho_0 = 0.0, \rho = 0.86$
- $q = 0.8, p_{SBT} = 0.0, p_{ST} = 1.0, \rho_0 = 0.6, \rho = 0.91$
- $q = 0.8, p_{SBT} = 0.1, p_{ST} = 0.9, \rho_0 = 0.9, \rho = 0.87$
- $q = 0.8, p_{SBT} = 0.3, p_{ST} = 0.8, \rho_0 = 0.4, \rho = 0.86$
- $q = 0.8, p_{SBT} = 0.3, p_{ST} = 0.8, \rho_0 = 0.8, \rho = 0.9$
- $q = 0.8, p_{SBT} = 0.4, p_{ST} = 0.8, \rho_0 = 0.4, \rho = 0.92$
- $q = 0.8, p_{SBT} = 0.4, p_{ST} = 0.8, \rho_0 = 0.2, \rho = 0.91$
- t11_8: $\rho = 0.85$