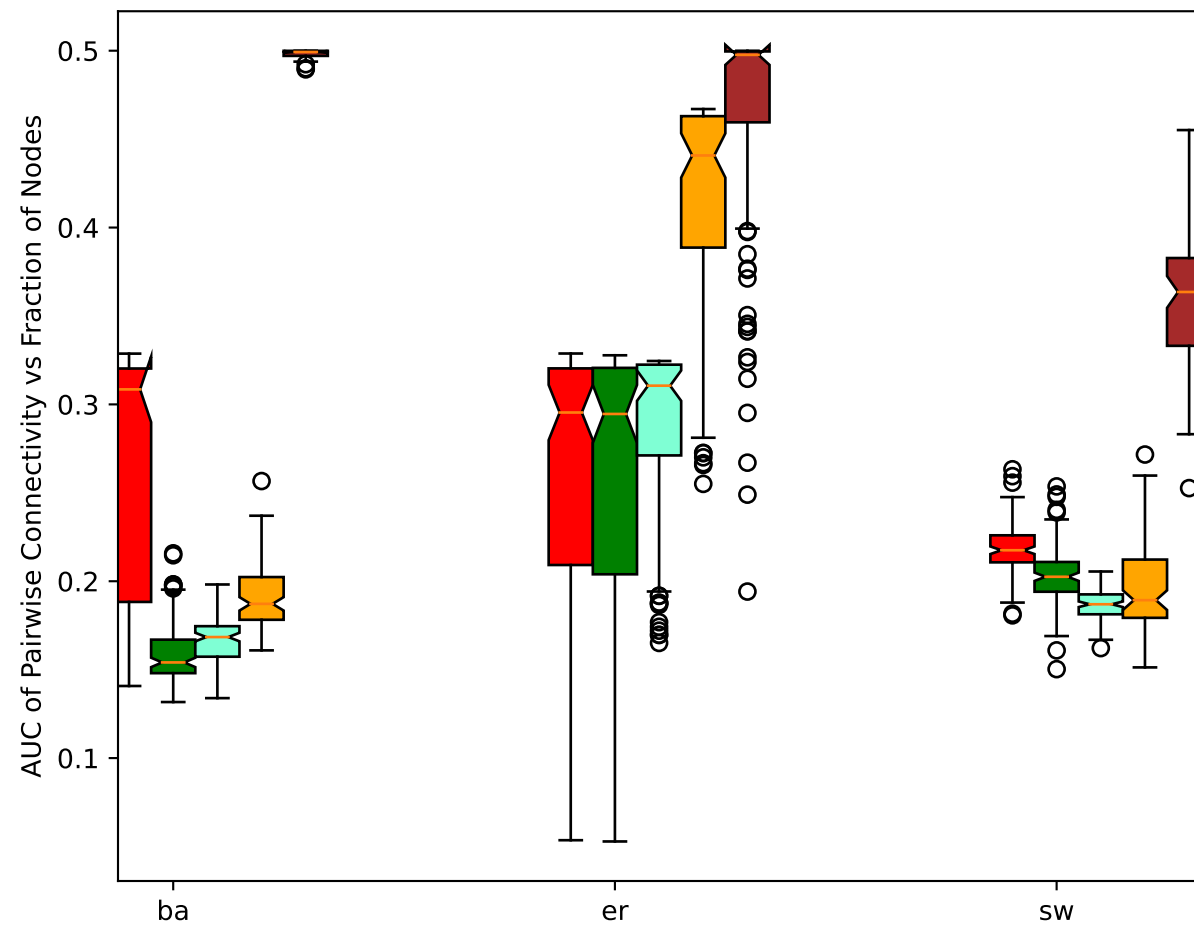Critical Node Problem: Synthetic Graph for Homogeneity variation