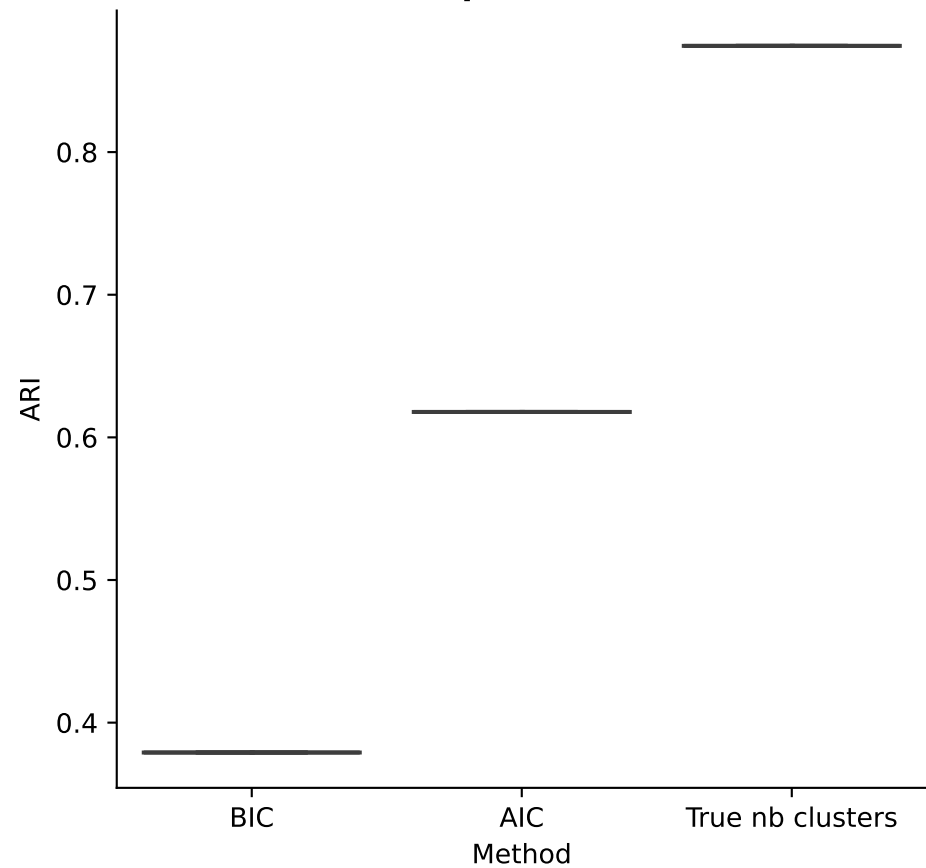


**(a) ARI scores for optimal number of clusters**



**(b) Optimal number of clusters relative to ground truth**

