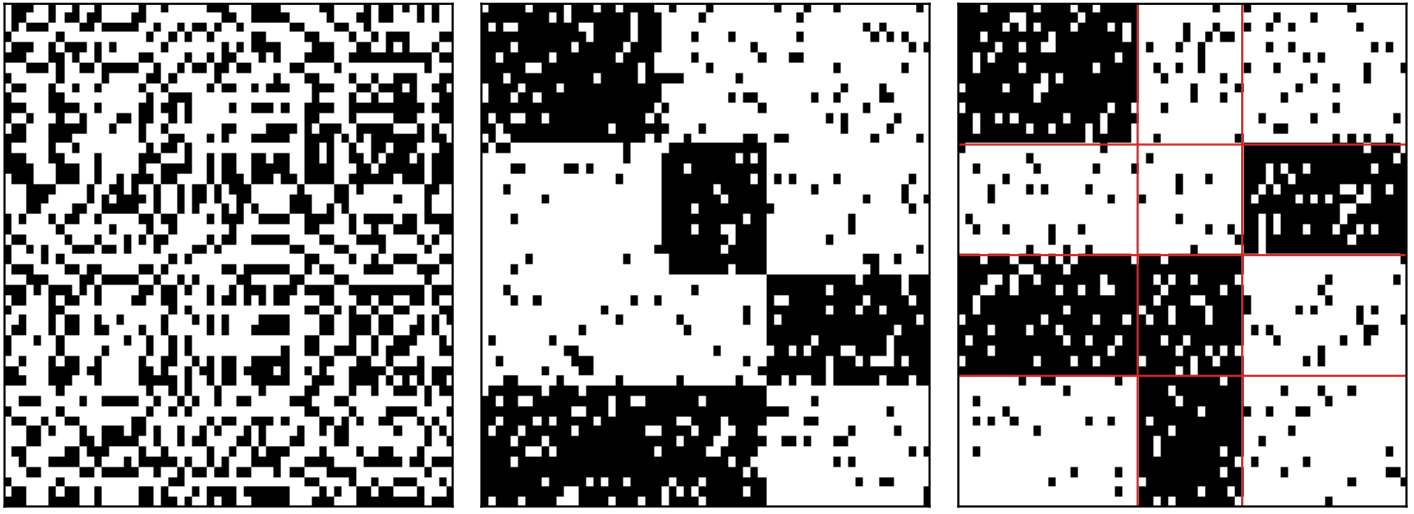

data, rows and columns shuffled
sorted by the true clusters
sorted by the fitted clusters