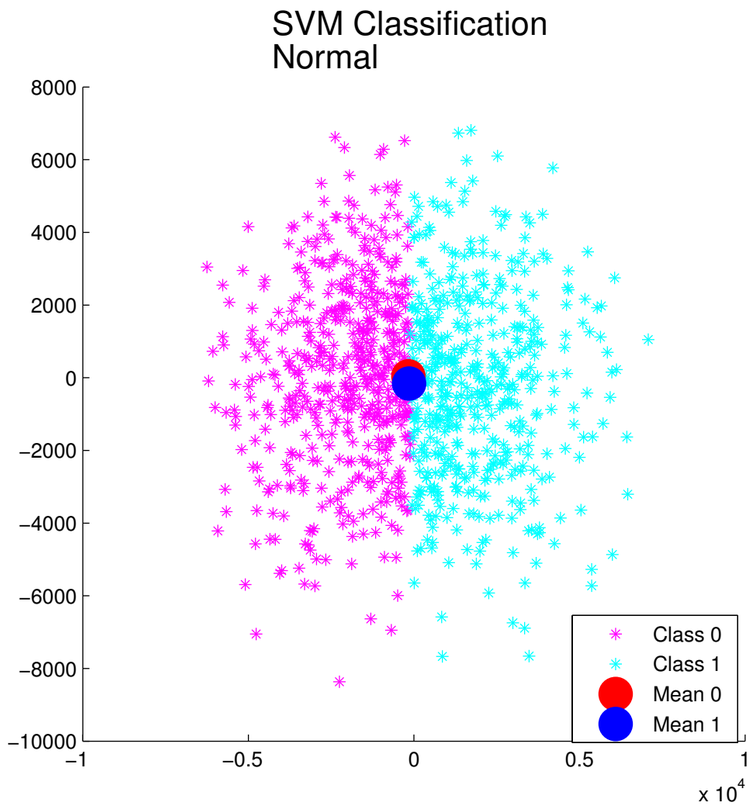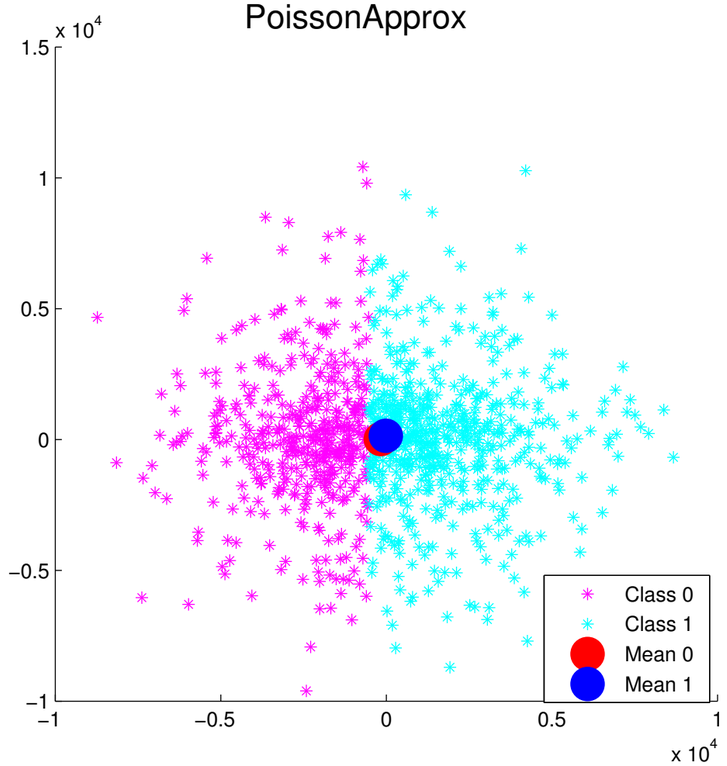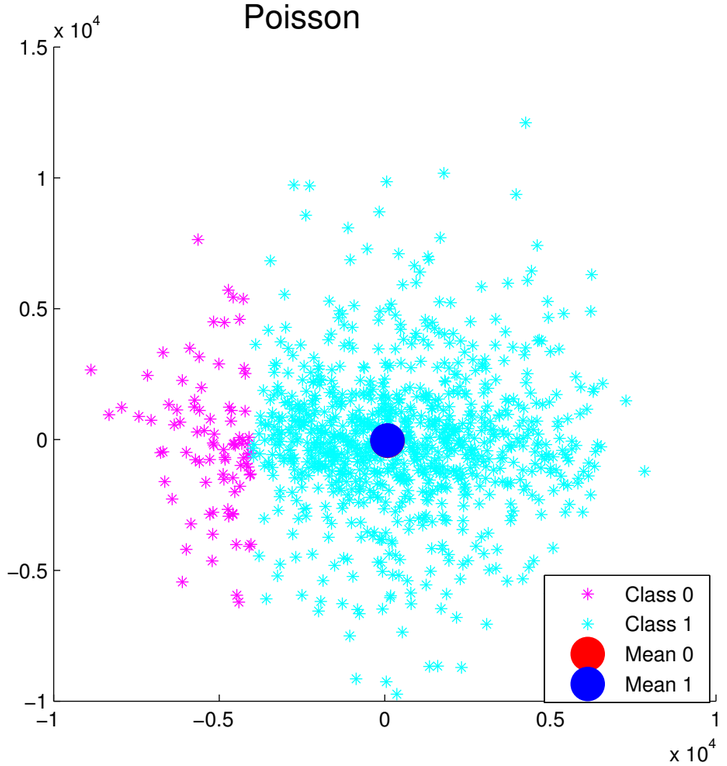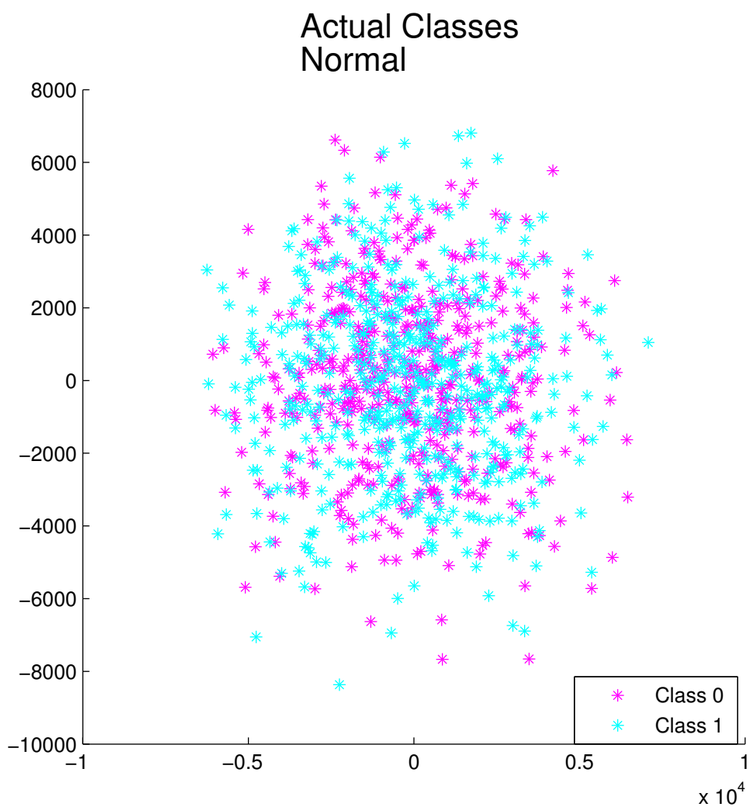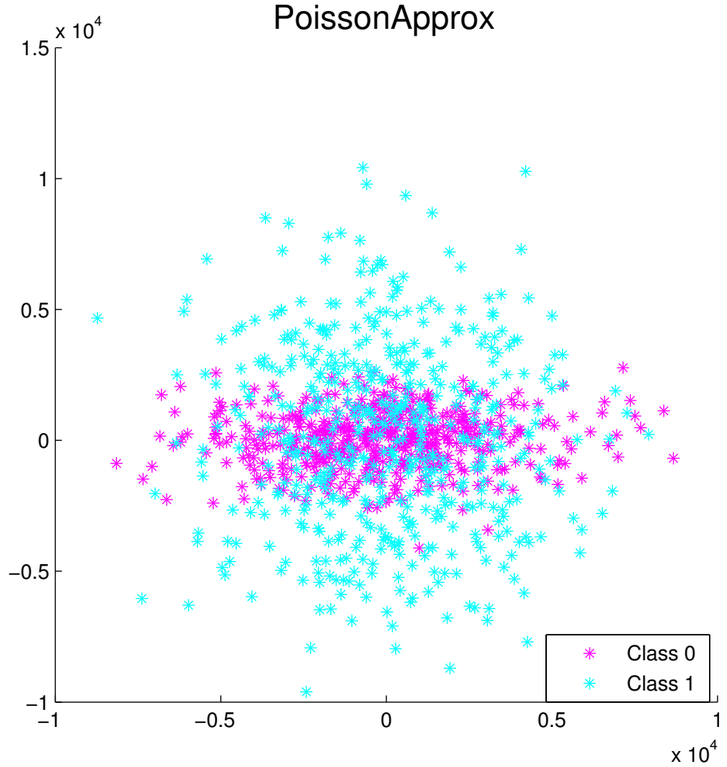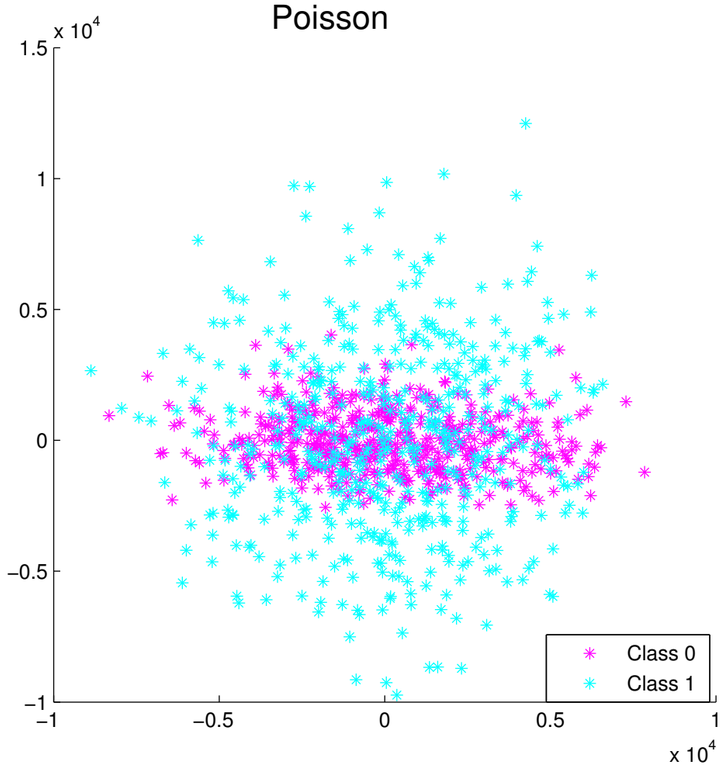# Noise factor: 10000, dimensionality: 1000