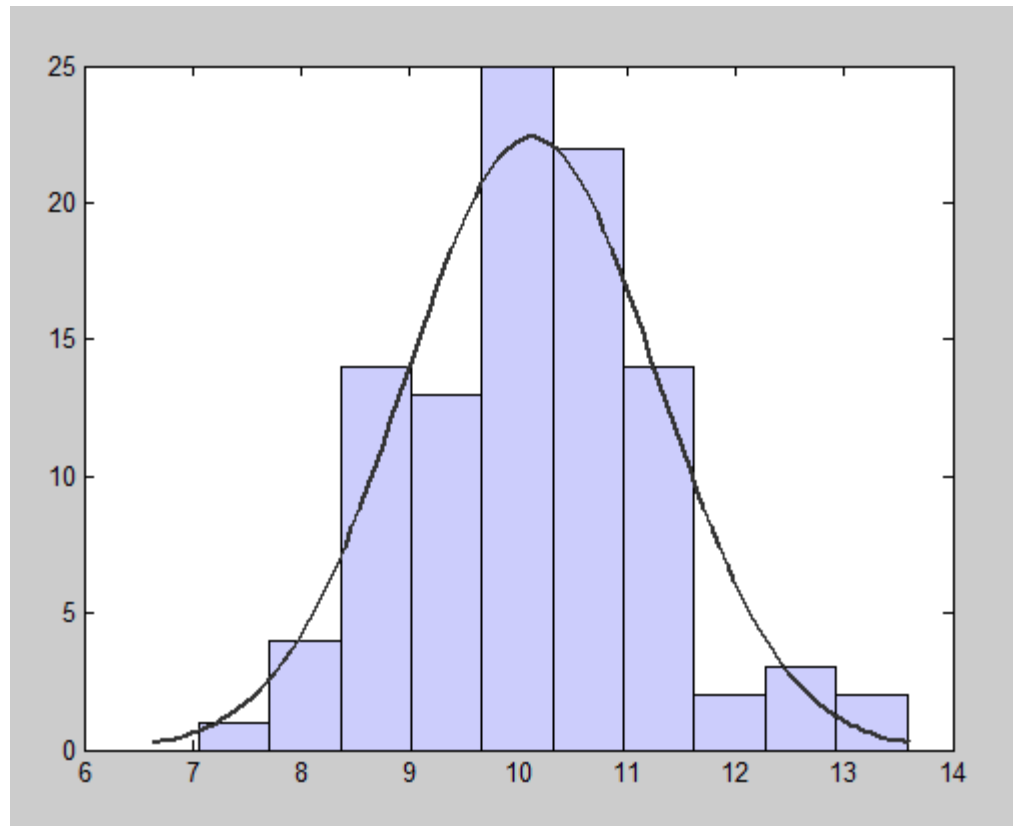
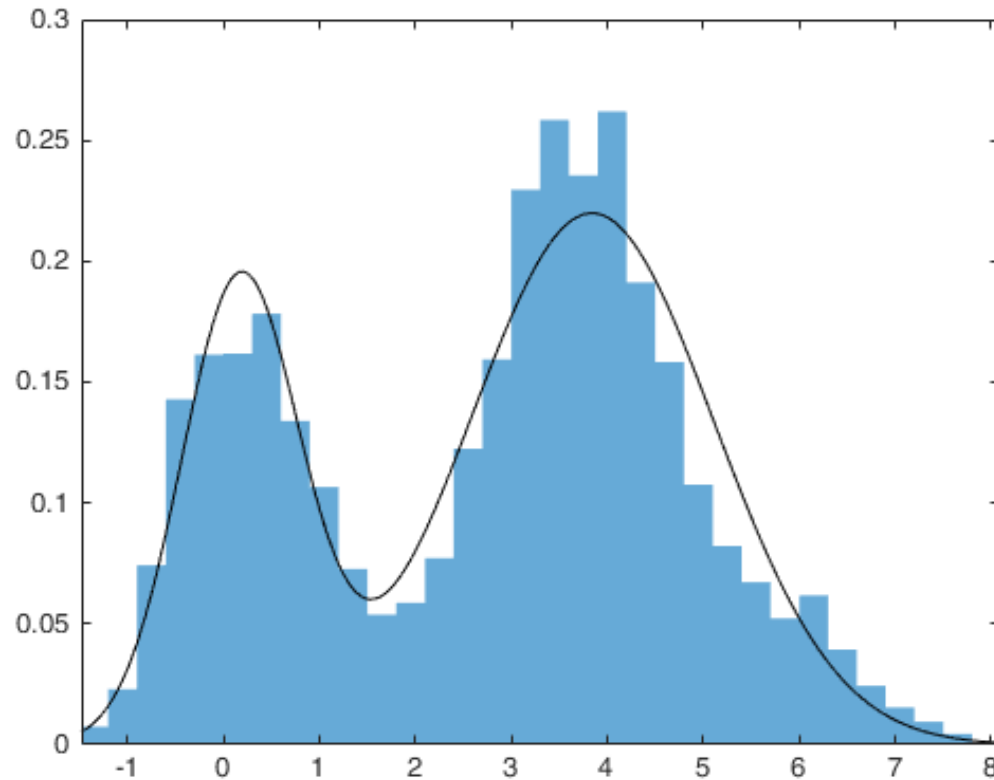


Expectation maximization by Gaussian Mixture Models

Fitting a Single Gaussian to data

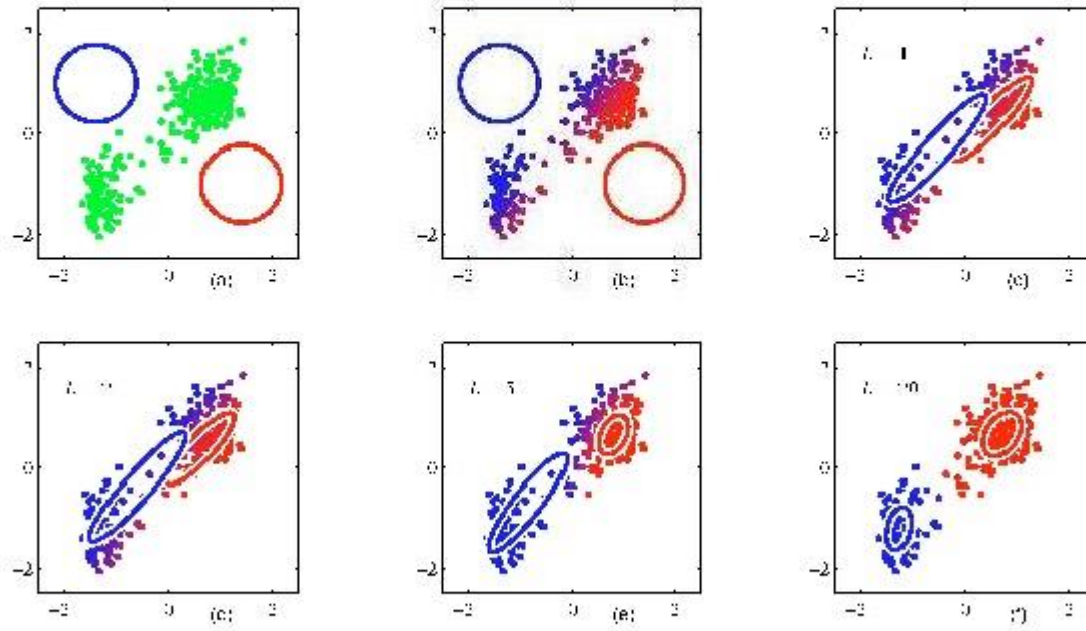


Fitting a Gaussian Mixture to data



CLUSTERS ARE PEAKS OF THE GAUSSIANS IN THE MIXTURE

Visual example of EM

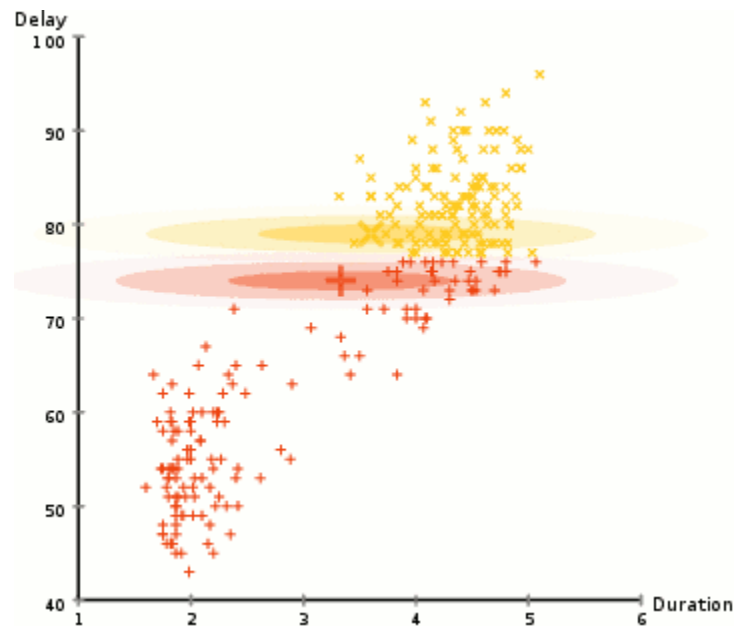


Old faithful geyser

(Yellowstone National Park)



Fitting a Gaussian to data - iteratively



Binomial distribution – Normal distribution

