

Homework n.3

brief presentation and report due December 6
(in Python and R)

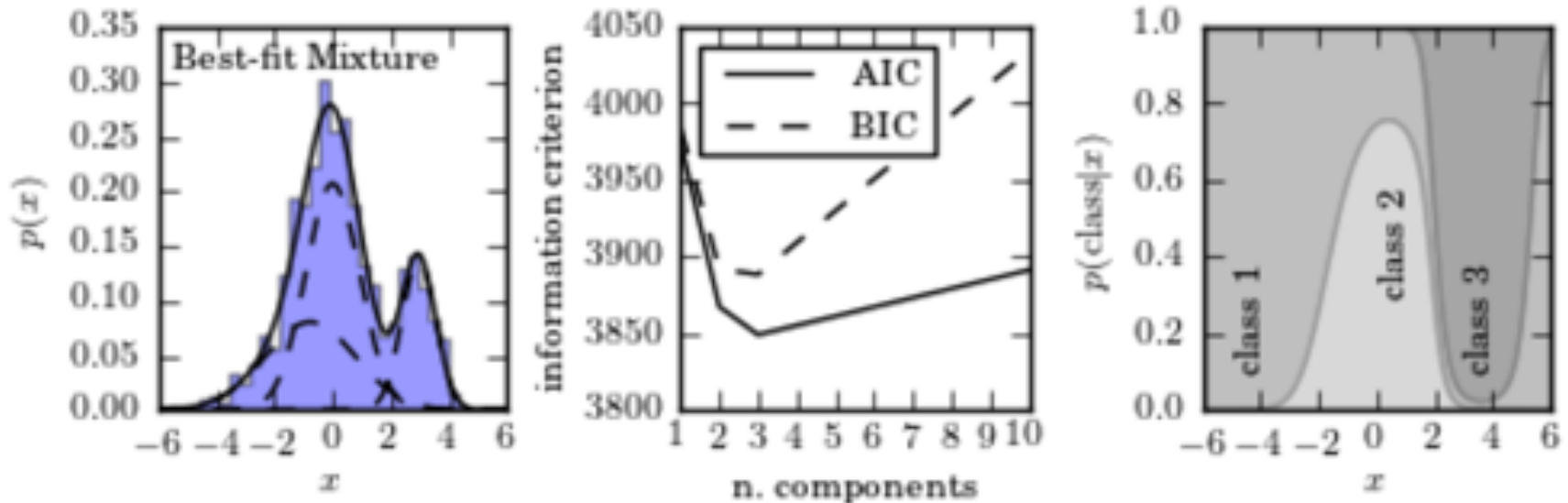
File gmmfile1.dat , gmmfile2.dat,gmmfile3.dat (posted on the course website)

For each file:

Calculate best-fit gaussian mixture model

Plot BIC vs number of components

Plot class probability plot,classification uncertainty



- ❖ R: *mclust* library
- ❖ Python:scikit-learn gmm
- ❖ See other links and references on the course website