window width sufficiently small.
However, the goal is to classify novel patterns so the window width cannot be made too small.

► The training error can be made arbitrarily low by making the

Densities estimated using Parzen windows can be used with the

Bayesian decision rule for classification.

t be made too small.

Figure 8: Decision boundaries in 2-D. The left figure uses a small window width and the right figure uses a larger window width.