

Psychology 594

Discriminant Analysis Assignment

July 9, 2013

In the discriminant module in SYSTAT and using `iris.syz`, do five analyses: one with all four variables included, and four with one of the variables removed. Present the number of cross-validated errors (jackknifed) for each of the five analyses.

Using `fisheriris` in MATLAB and the `ClassificationDiscriminant.fit` routine, carry out the same five analyses as you did in SYSTAT, but do 5-fold cross-validations. What are the number of errors (cross-validated) for each of the five analyses and how do they compare with the jackknifed errors found in SYSTAT.