

Perceptron Learning; All-Pairs Classification

No final results. I attempted the task in Python and Awk, taking the opportunity to learn both languages, but could not navigate the syntax of either language for the production of nested loops over arrays. I did successfully produce a perceptron algorithm (code.txt) but could not automate the process for all 325 pairs. I processed the A, B, C, and D perceptrons "by hand" and the weights after 100 epochs are attached (ABCDwgts.txt). I will continue to work on this task in the new languages rather than default to R.