

HW 4

Use the set of datasets posted at http://www.cs.njit.edu/usman/courses/bnfo240_spring07/ to train the pairwise alignment program gap parameters under both BLSOUM62 and SIMPLE substitution matrices. Both matrices are available for download on the above website. Also compute the average accuracy of all datasets posted there using your optimal penalties. Submit via email to usman@cs.njit.edu your Perl script for training and testing and the optimal gap penalties and average accuracies you obtain using BLOSUM62 and SIMPLE matrices on the posted datasets. This is due Wednesday April 4th by 1pm.