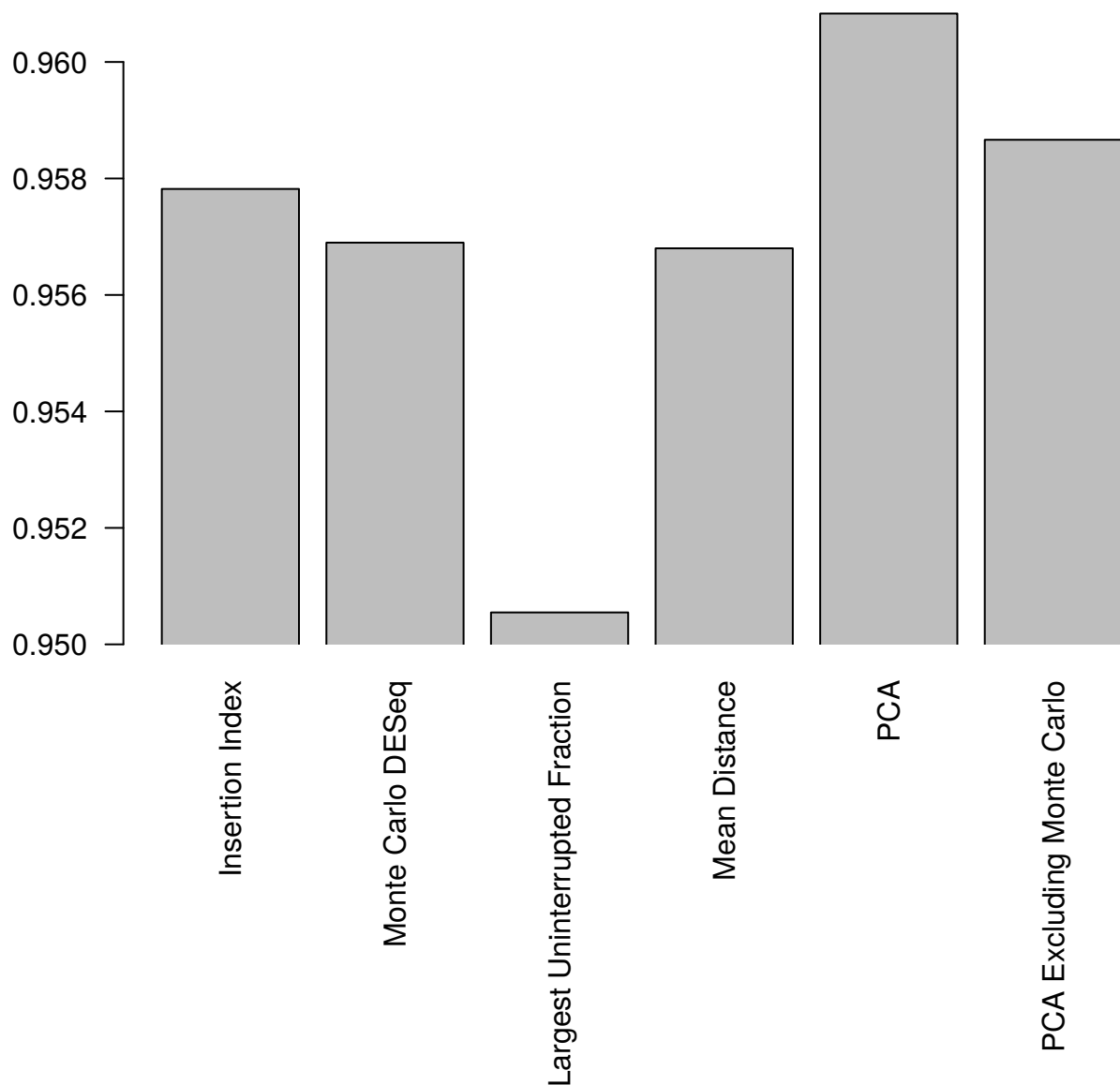


Average AUC



**Figure S5.** Average AUC over all 13 genomes used in this study for calculating the accuracy of 6 different methods. In order to calculate AUCs, we considered true positives as genes that are predicted as essential and whose orthologs are essential in EcoGene database of essential genes for *E. coli* BW25113 and false positives as genes that are predicted as essential, but are classed as non-essential in EcoGene.