SUPPLEMENTARY DATA:

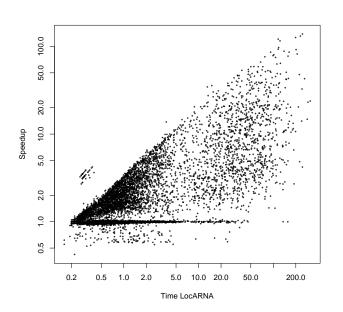


Figure 1. Log-log scatterplot of Locarna runtimes (x-axis) versus obtained speedup of Exploc with $\gamma=10$.

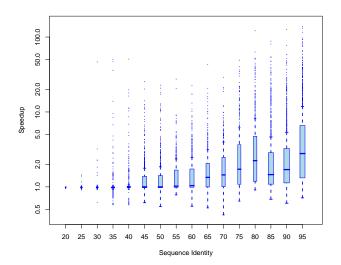


Figure 2. Distribution of obtained speedup for Exploc on log-scale on Bralibase 2.1 k2 dataset with $\gamma=10$ for different sequence identity values. For distribution computation, alignments were grouped according to their sequence identity in intervals of width 5.