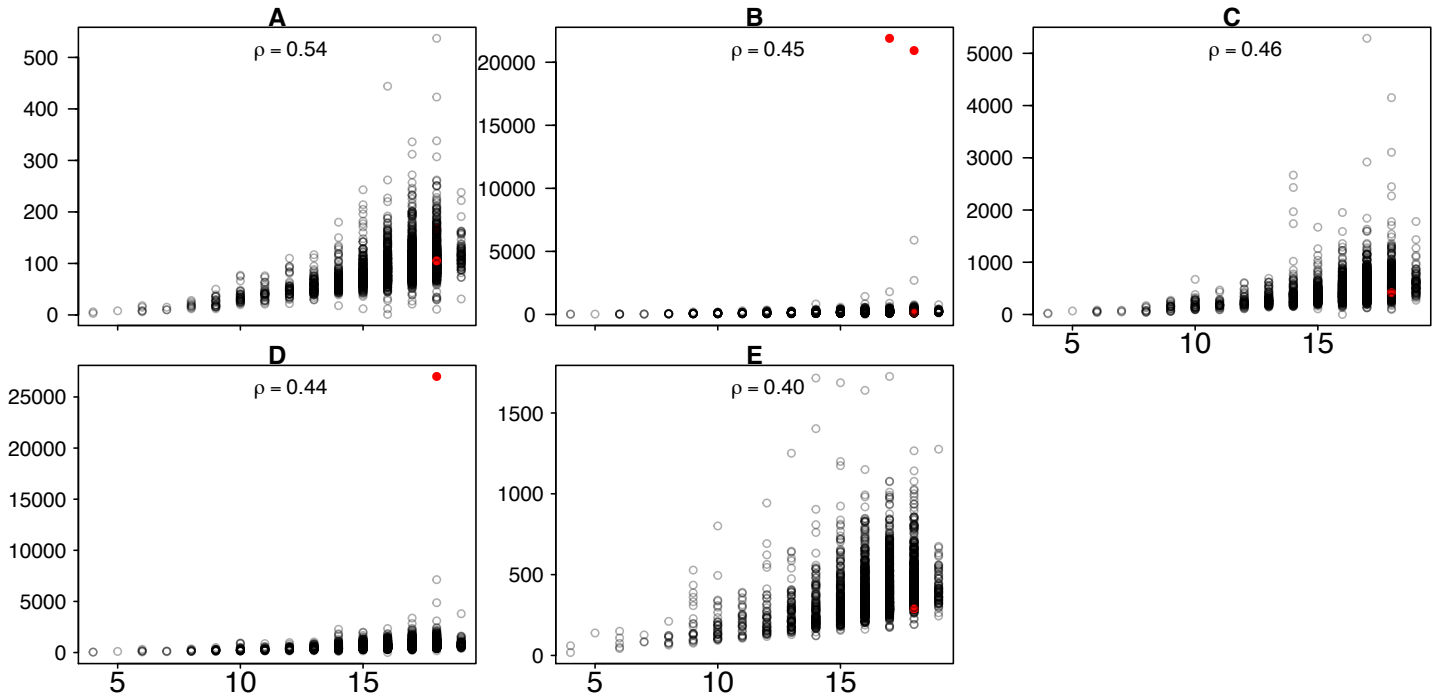
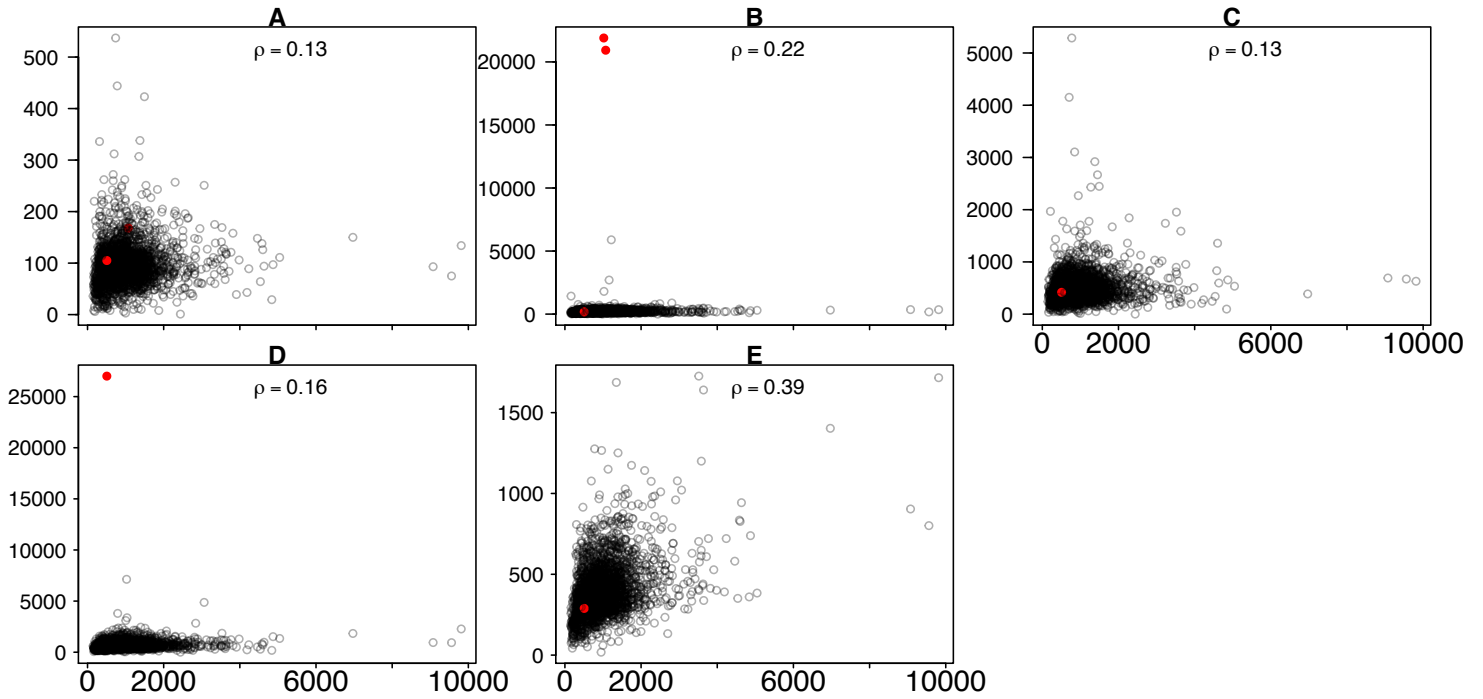


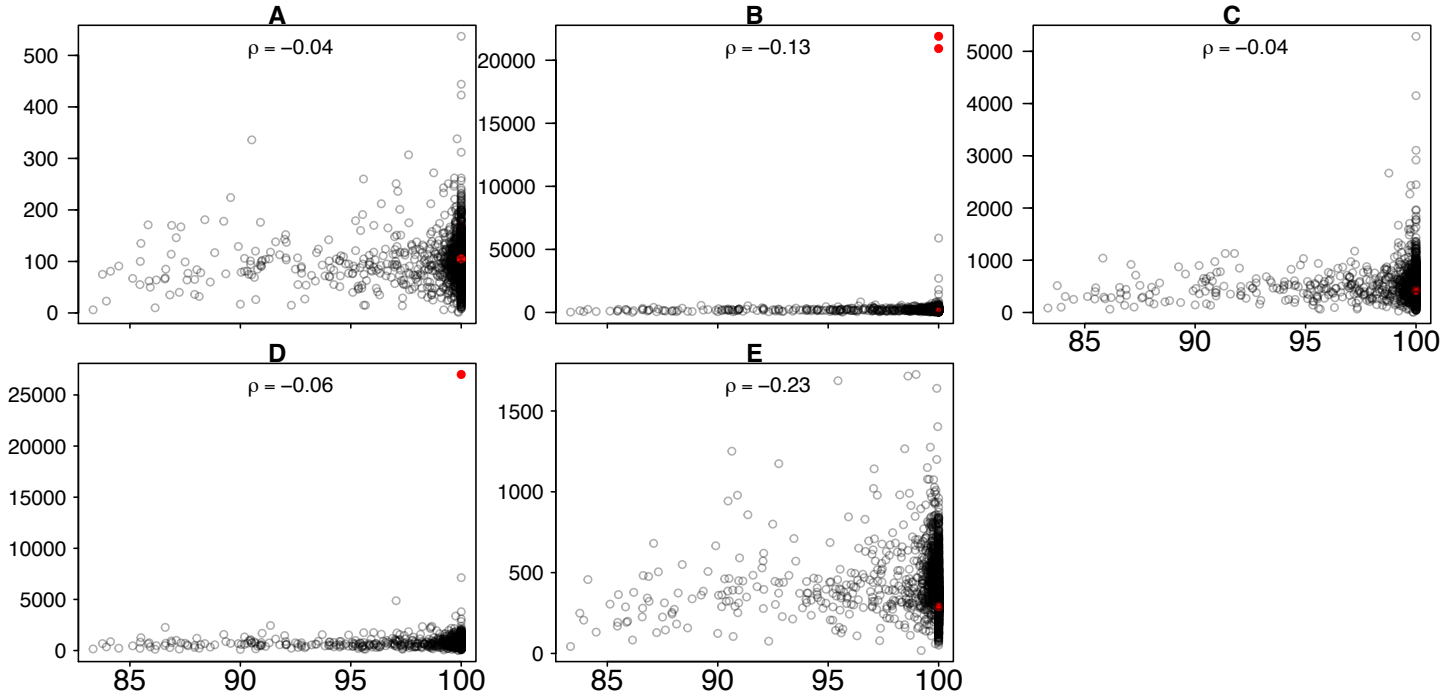
1 - Number of sequences per group



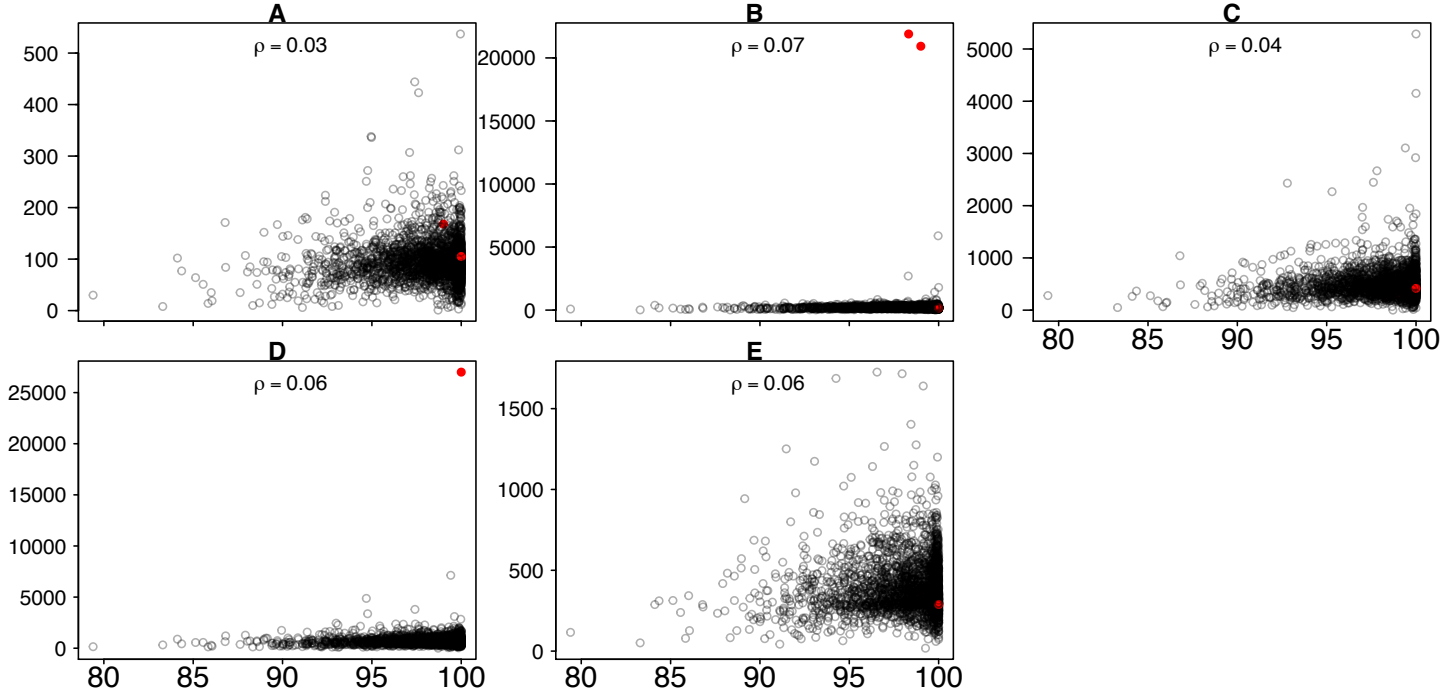
2 - Group alignment length



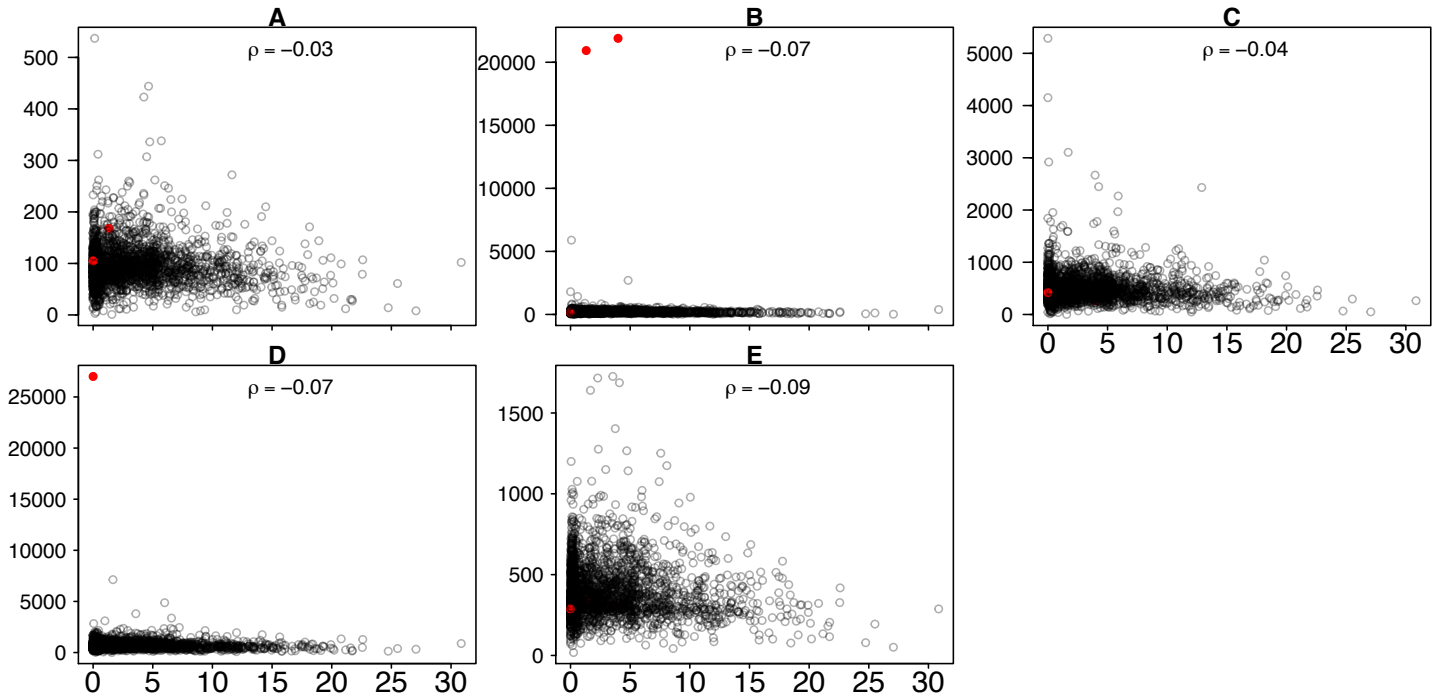
3 - Median group identity for pairwise alignments



4 - Mean group identity for pairwise alignments



5 - Standard deviation of identities for pairwise alignments



Time to compute a task for a given group of homologous (y-axis) as a function of distinct group properties likely to influence computation time (x axis). A) M1a model; B) M2 model; C) M7 model; D) M8 model; E - phylogenetic tree. Numbers at the top of each graph represent Spearman's correlation coefficient. Time-consuming groups are highlighted in red.