

Figure 1: Relative speedup with respect to Lloyd's algorithm.

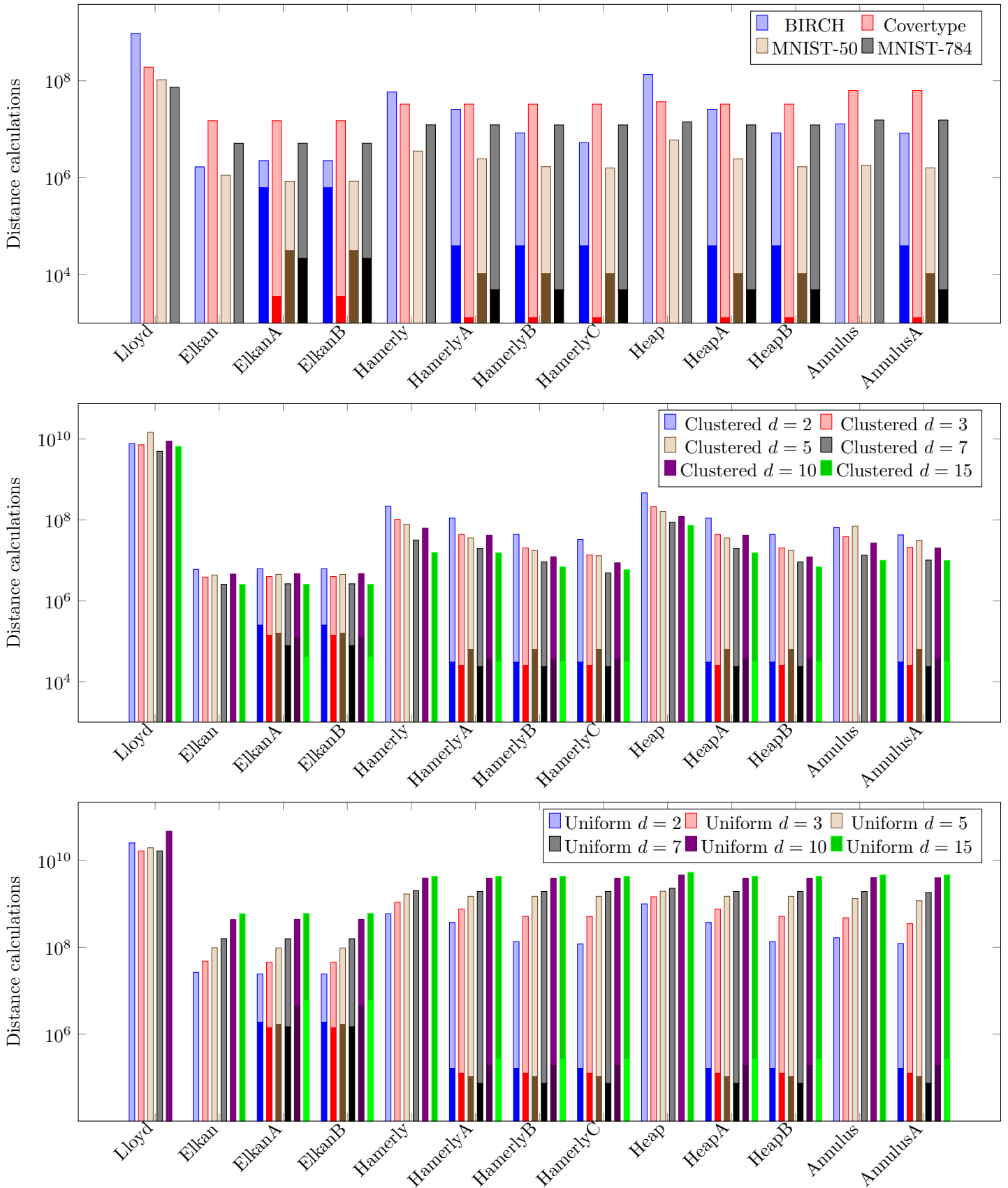


Figure 2: Number of distance calculations made by different algorithms. Note that the vertical axis uses a logarithmic scale. The bottom stacks of the bars show the number of inner products needed by proposals presented in this paper.

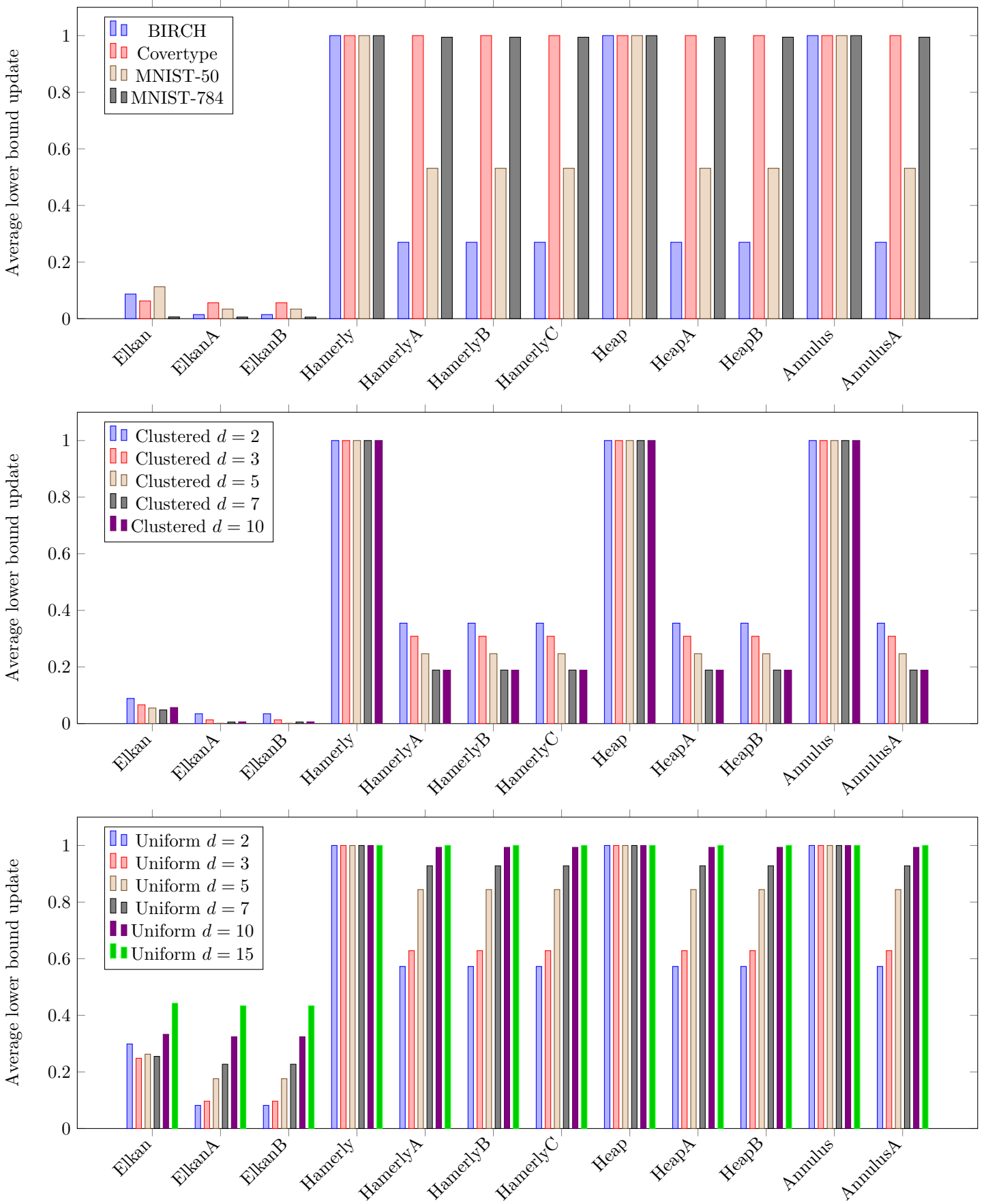


Figure 3: Average lower bound update per bound. The values depend on magnitude of data and are therefore normalized.