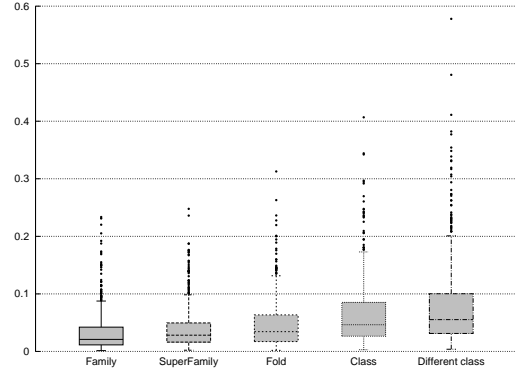
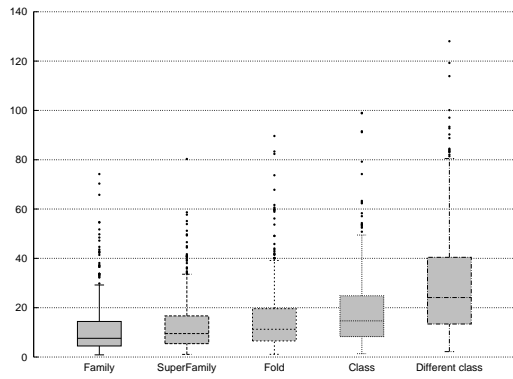


(a) Score

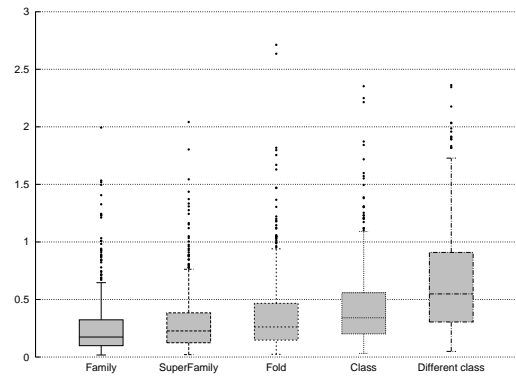


(b) Avg. score

Figure 1: Using the difference in global histogram values (492 pivots):  $\sum_r H_a(r) - H_b(r)$

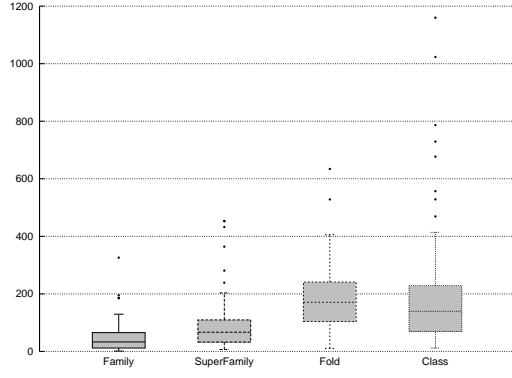


(a) Score

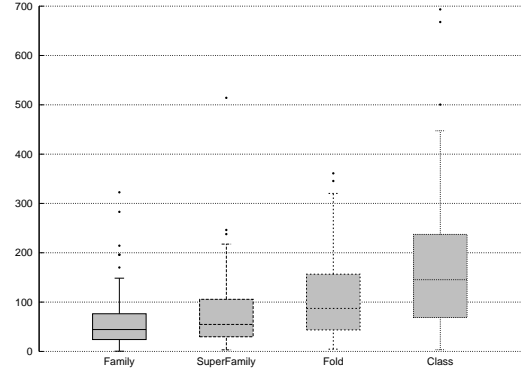


(b) Avg. score

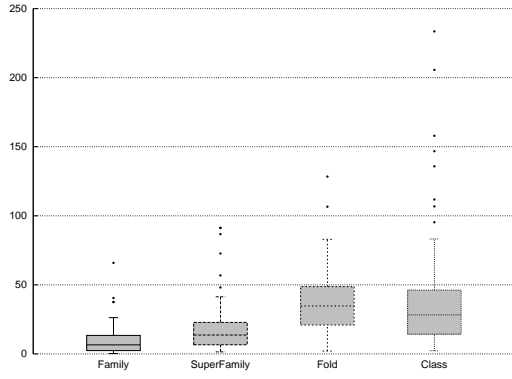
Figure 2: Using the difference in normalized global histogram values (492 pivots):  $\sum_r \frac{H_a(r)}{\Delta l_1} - \frac{H_b(r)}{\Delta l_2}$



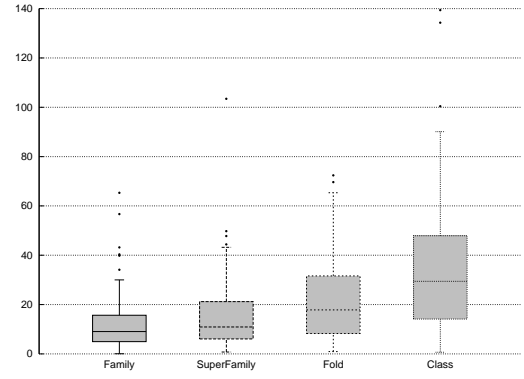
(a) Class A (with  $dr = 1$ )



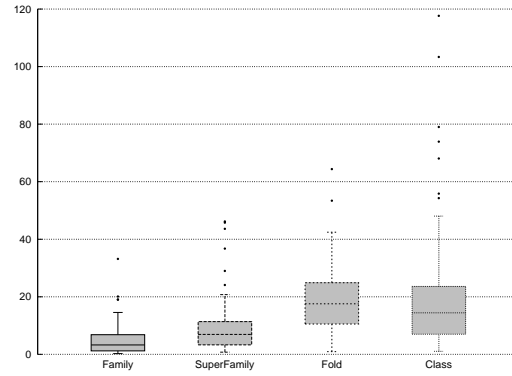
(b) Class B (with  $dr = 1$ )



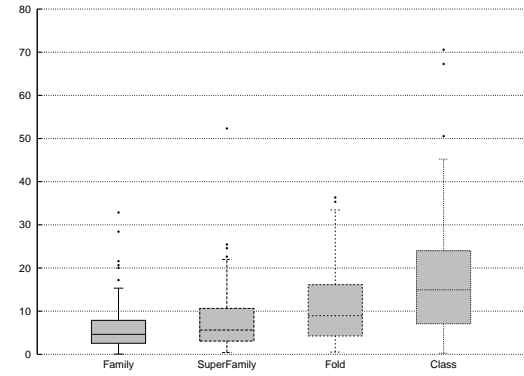
(c) Class A (with  $dr = 5$ )



(d) Class B (with  $dr = 5$ )

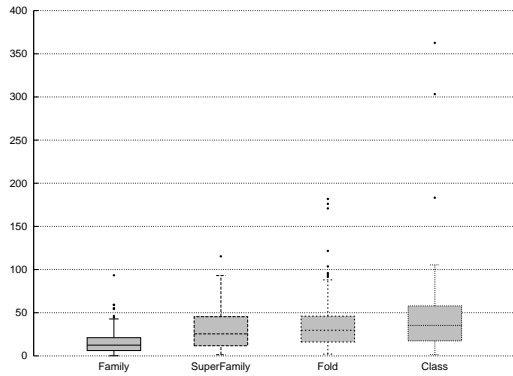


(e) Class A (with  $dr = 10$ )

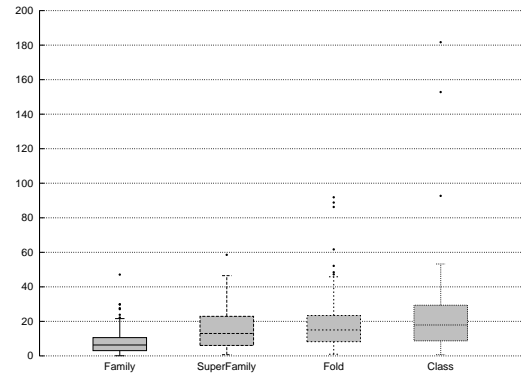


(f) Class B (with  $dr = 10$ )

Figure 3: Comparison of normalized global histograms for classes A and B (100 pivots)



(a) Class C (with  $dr = 5$ )



(b) Class C (with  $dr = 10$ )

Figure 4: Comparison of normalized global histograms for class C (100 pivots)

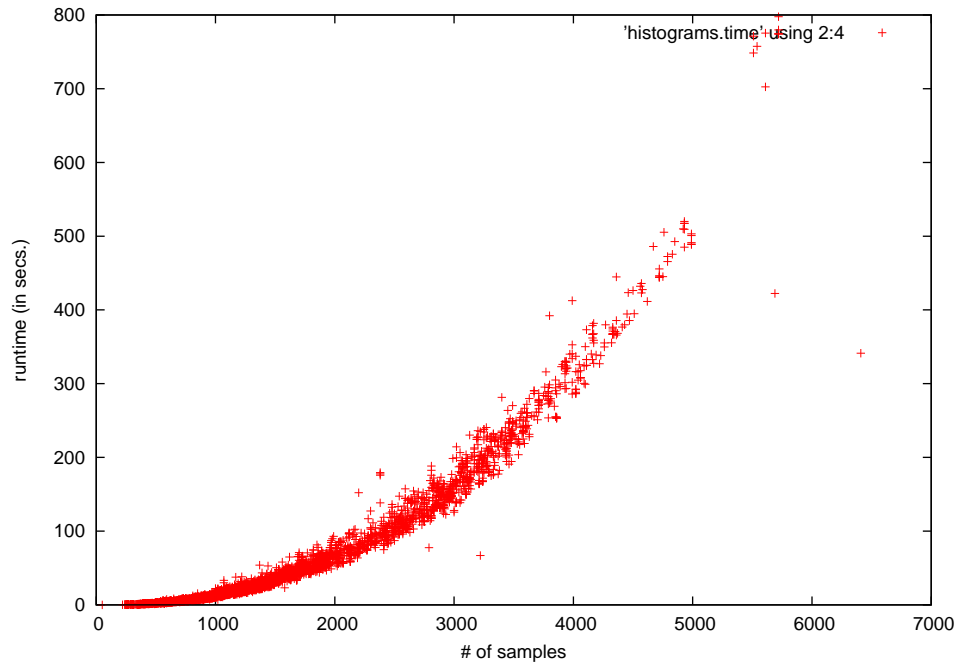


Figure 5: Plot of runtime ( $dr = 1$ )