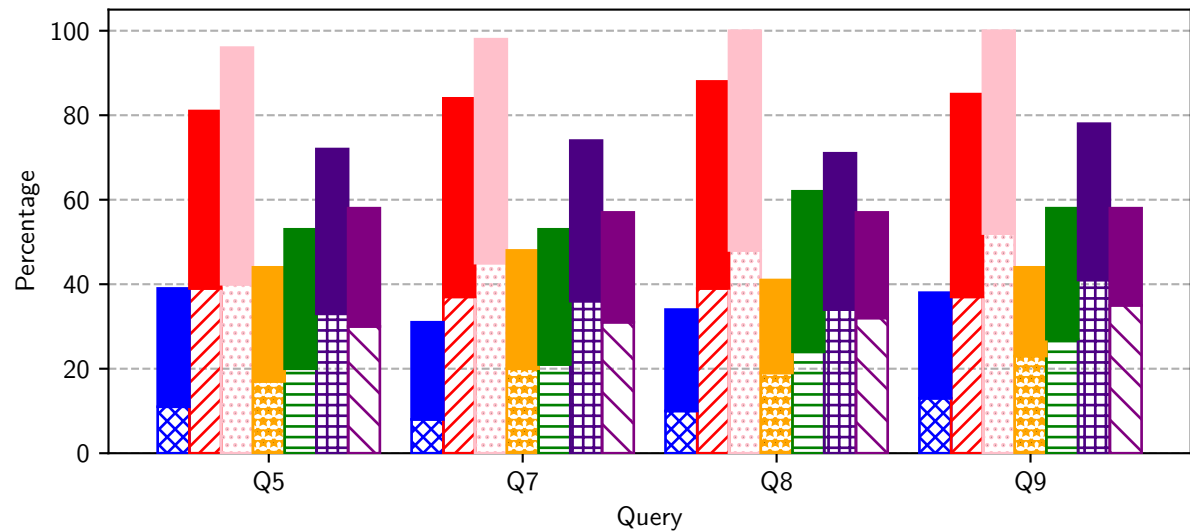


(a) Normalized execution time of TPC-H queries



(b) Percentage of time spent on shuffle r/w