## **A Additional Results**

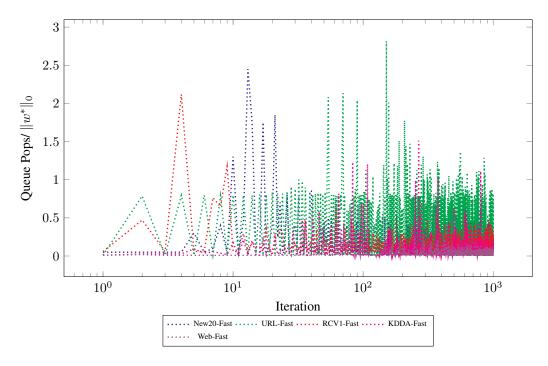


Figure 3: The ratio of items popped from a Fibonacci Heap over the non-zeros in the final solution (y-axis) over the number of iterations (x-axis) empirically demonstrates that Algorithm 3 does not need to consider all D possible features to select the correct iterate.