For the bst.sort graph, this is the worst case scenario. All graphs are in logarithmic scale, and bst.sort is linear function of N when it is sorted. However, rst.sort and set.sort are ~ proportional to log(N). Therefore, those graphs are approximately linear. All graphs agree with the theoretical big O time analysis. The rst is not perfectly balanced/linear because we only had 5 runs. If we increased the number of runs, then our rst would come closer to ideal.

When data structures are shuffled, the performance is relatively proportional to log(N), which is good.