

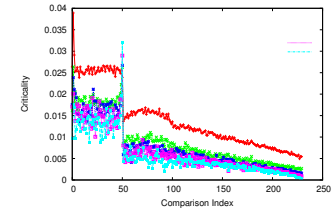
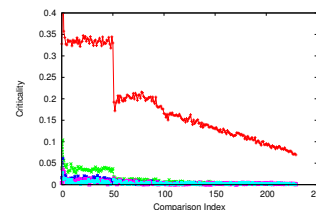
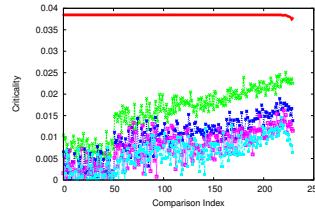
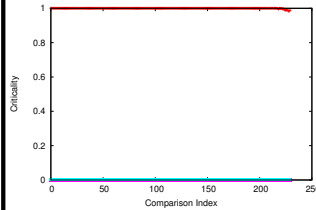
Boolean Error

Inversions

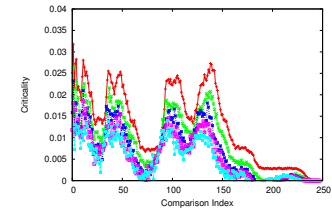
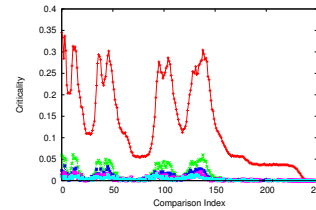
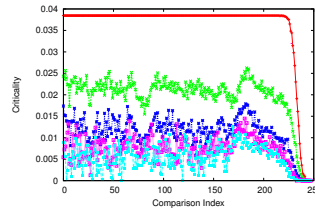
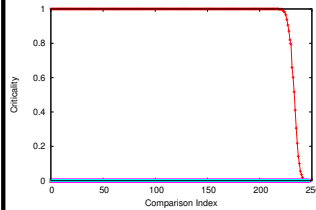
Max
Displacement
Error

Positional
Error

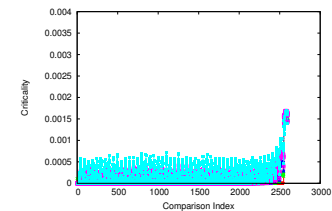
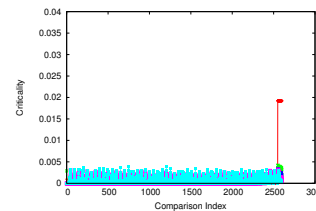
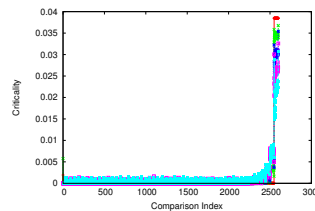
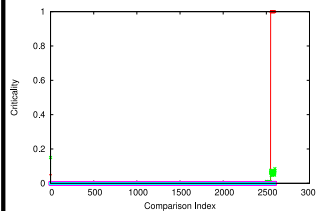
Quick Sort



Merge Sort



Bubble Sort



Failure Rate = 0%
Failure Rate = 5%
Failure Rate = 10%
Failure Rate = 15%
Failure Rate = 20%

+ This Figure shows comparison criticality for each
× comparison in Quick Sort, Merge Sort, and Bubble Sort
* using diverse background failure rates and different
□ error metrics. Note that the scales are not necessarily
■ the same for different error metrics and sorting algorithms.