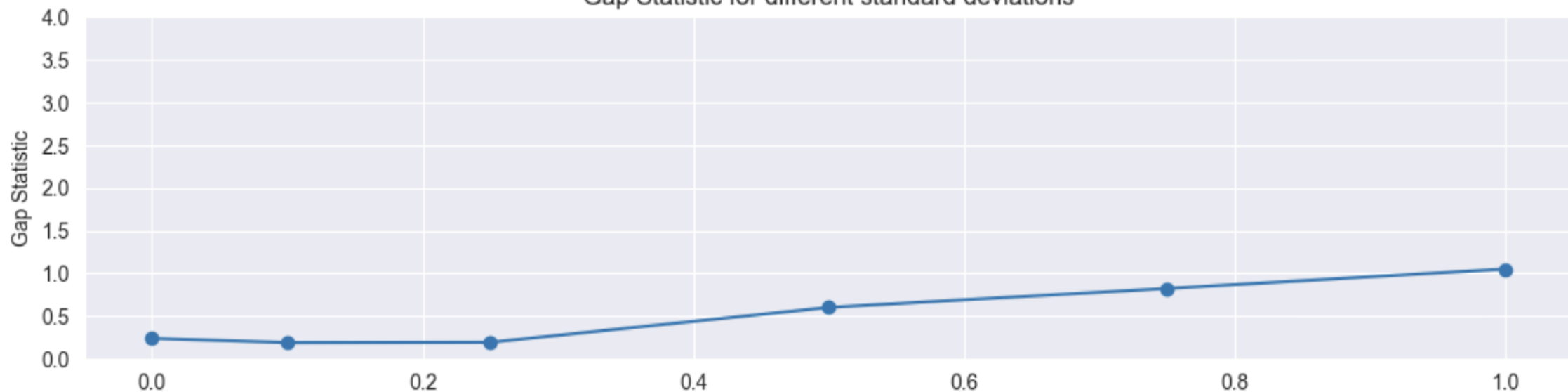


Gap Statistic for different standard deviations



standard deviation

Gap Statistic interval: $[-\infty; +\infty)$

$-\infty$: lowest and worst value

$+\infty$: highest and best value

In some limiting cases the gap statistic can take on negative values, but in our study we can neglect these cases and consider 0 as the worst case

Expected trend: increasing

Observed trend: increasing

Outcome: correct