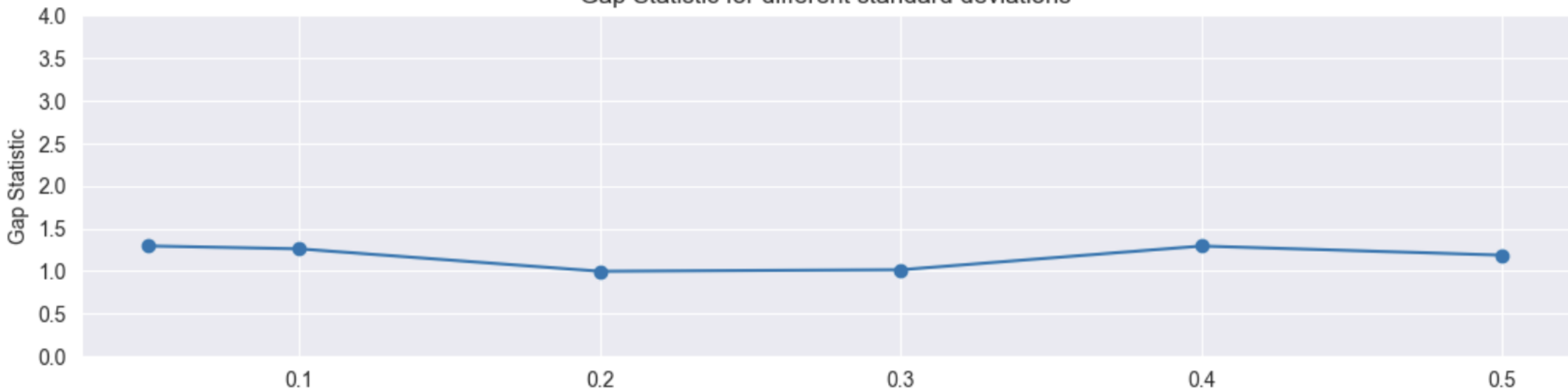


Gap Statistic for different standard deviations



standard deviation

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

0: 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: worsening

Observed trend: worsening

Outcome: correct