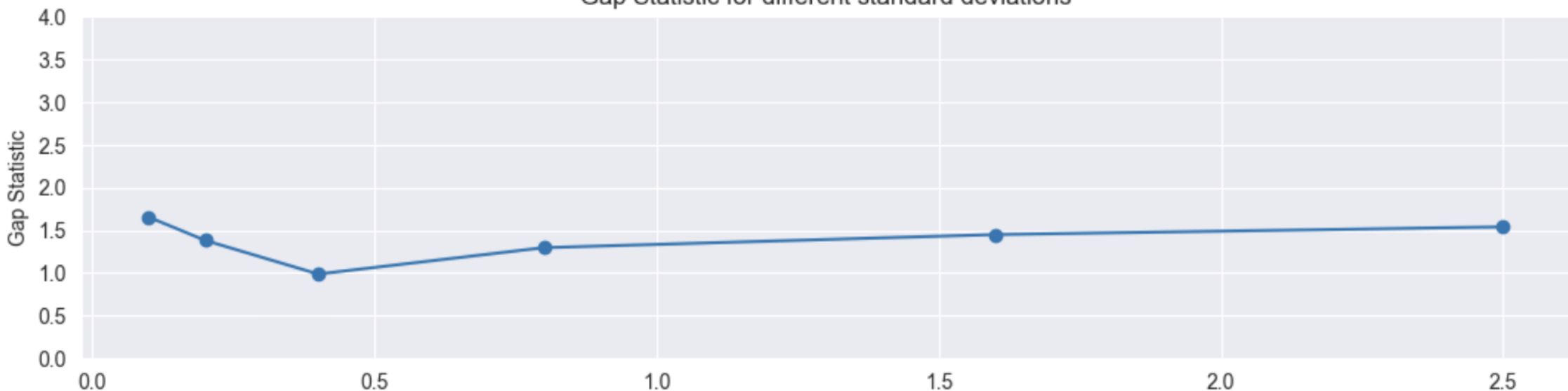


Gap Statistic for different standard deviations



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

Expexted trend: worsening

Observed trend: irregula trend

Outcome: wrong