

A box plot showing the distribution of 'cost' for three different values of α : 0.1, 0.05, and 0.01. The x-axis is labeled 'cost' and has major ticks at 4, 8, and 16. The y-axis represents the different α values. The box for $\alpha = 0.1$ is orange, while the boxes for $\alpha = 0.05$ and $\alpha = 0.01$ are blue. The plot shows that as α decreases, the median cost increases and the variability (interquartile range and whiskers) also increases. There are outliers for $\alpha = 0.05$ and $\alpha = 0.01$.

α	Min (whisker)	Q1	Median	Q3	Max (whisker)	Outliers
0.1	~3.5	~3.5	~3.5	~3.5	~3.5	None
0.05	~6.5	~7.5	~8.5	~10.5	~14.5	~15.5, ~16.5
0.01	~10.5	~12.5	~14.5	~16.5	~20.5	~2.5

