

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' with major ticks at 4, 8, and 16. The y-axis labels correspond to the α values. For $\alpha = 0.1$, the median cost is approximately 4. For $\alpha = 0.05$, the median cost is approximately 8. For $\alpha = 0.01$, the median cost is approximately 12. The plot also shows the interquartile range (box), the range (whiskers), and outliers (circles).

α	Min	Q1	Median	Q3	Max	Outliers
0.1	~3.5	~3.8	~4.0	~4.2	~4.5	None
0.05	~6.5	~7.5	~8.0	~9.0	~10.5	None
0.01	~10.5	~11.5	~12.0	~13.0	~15.5	~17.0, ~18.0, ~19.0

