

A box plot showing the distribution of 'cost' for three different values of  $\alpha$ : 0.1, 0.01, and 0.001. The x-axis is labeled 'cost' and has major ticks at 4, 8, and 16. The y-axis represents the different  $\alpha$  values. The plot shows that as  $\alpha$  decreases, the median cost increases and the variability (interquartile range and whiskers) also increases. Outliers are present for  $\alpha = 0.1$  and  $\alpha = 0.001$ .

$\alpha$	Min (whisker)	Q1	Median	Q3	Max (whisker)	Outliers
0.1	~3.5	~3.5	~3.5	~3.5	~3.5	~17, ~18, ~19
0.01	~6.5	~7.5	~8.5	~9.5	~10.5	None
0.001	~11.5	~12.5	~13.5	~14.5	~15.5	~3.5

