

Here are the weekly payrolls for two imaginary restaurants, Mooseburgers and McTofu.

Mooseburgers		McTofu	
Al	\$123	Ken	\$110
Boris	\$136	Latisha	\$115
Connie	\$144	Maria	\$130
Dwight	\$150	Nate	\$100
Ernie	\$110	Otto	\$120
Francois	\$131	Pablo	\$146
Gloria	\$140	Quentin	\$117
Horace	\$160	Rosa	\$129
Isaac	\$120	Sally	\$360
Juan	\$130	Ted	\$132
		Uta	\$107

- Find the 5-number summaries for both restaurants.

Statistic	Mooseburgers	McTofu
Min		
Q1		
Median		
Q3		
Max		

- Create parallel boxplots. Label your graph clearly. Be sure that your boxplots show outliers (if there are any), and show all calculations involving the outlier rule.

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- Write a few sentences comparing the distributions.

- Which restaurant pays the higher average (mean) salary?

- Why is the mean salary misleading?

- At which restaurant would you rather work? Give a sound statistical justification for your decision.