



The dataset has data on memory for chess positions for players of two levels of expertise. The numbers represent the number of pieces correctly moved from three chess positions. Create side-by-side box plots for these groups. What can you say about the differences between these groups from the box plots? Consider spread as well as central tendency.

In calc

**Beginners****Tournament  
Players****32.5****40.1****37.1****45.6****39.1****51.2****40.5****56.4****45.5****58.1****51.3****71.1****52.6****74.9****55.7****75.9****55.9****80.3****57.7****85.3**

# Quiz Stats

You can use IQR to measure spread.

The dataset on memory for chess positions for beginners has an IQR of 16.6 which is smaller than the IQR for tournament players which is 24.7.

There are no outliers in the datasets for beginners or tournament players. The data for beginners appears skewed left whereas the data for the tournament players appears symmetric. The center for beginners is 48.4 which is smaller than the tournament center at 64.6. Overall, the tournament players have a better memory for chess positions.