The data shows that left-handed pitchers make up ~27% of all pitchers, with the remainder throwing right-handed. However, left-handed pitchers make up nearly one third of all Cy Young Award winners, while we see the share of right-handed pitchers who won the Cy Young award slightly drop compared to their percentage share of all pitchers. We can conclude that left-handed pitchers are more likely to win the Cy Young Award than right-handed pitchers.

Therefore, it is interesting to see the share of Hall of Fame left-handed pitchers be approximately ten percent lower than left-handed pitchers share of Cy Young Winners. This could be due to a multitude of factors, such as left-handed pitchers being more likely to have stand out seasons, but have a worse overall career performance than right-handed pitchers.

This is further supported by the chart below, where left-handed pitchers have a slightly higher overall earned run average.