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1. The variable that was looked at in the video is the disparity in the average pay between men and women.
2. The shape of the distribution of men's weekly wages skewed to the right.
3. The fact that men's incomes are greater than women's is the most significant difference in the distribution.
4. Large incomes, though they are few, will pull the mean of the group incomes up because the average of all values are being calculated.
5. It will maintain the median's integrity because the median represents the value's balance point. However, the median also enables us to discover balance in the presence of skewed distributions, so it will produce a greater degree of equilibrium no matter how skewed the distributions are.

Reference

earner.org/series/against-all-odds-inside-statistics/. (n.d.). earner.org/series/against-all-odds-inside-statistics/.