Mode
Median
— Mean

Mean
Median
Mode

Median
Mean —
— Mode

Positive
Skew

Symmetrical
Distribution

Negative
Skew

Econ 2250: Stats for Econ

Fall 2022

Source for pic stats above.

What we will do today?

- Something that we discussed last time?
- Review homework and answers
- Review list, conditionals, loops, and functions
- Re-derive mean, standard deviation
- Derive rank - median, quantiles
- Apply to continuous and discrete variables

Again working through example

https://colab.research.google.com/drive/14qmUfc4cdDAD6bNjBHbDZyUnEllb7ipn?usp=sharing

Review

What are the three things that economists are looking for in statistical analysis?

Standard Deviation

$$\sigma = \sqrt{\frac{\sum (x_i - \mu)^2}{N}}$$

σ = population standard deviation

N = the size of the population

x_i = each value from the population

μ = the population mean

Does everyone feel that they have at very least the tools needed for the homework?

End of class form

(https://forms.gle/5gXJnjK4T47RYv5D8)