



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
- Derive mean, standard deviation
- Derive rank - median, quantiles
- Apply to continuous and discrete variables

Working through example

<https://colab.research.google.com/drive/1d354aiMkwyT7-SF8Eu47q7ITORhRAqvz?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

Exercise

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

End of class form



(<https://forms.gle/hSMbdvSvDKqZ2E2v8>)