Introducing the zewwwwEcon Presentation Template
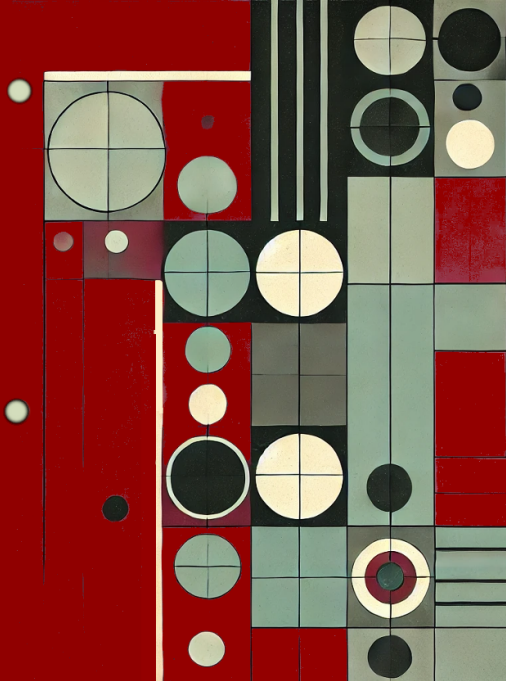
Max Mustermann | Institute X, University ABC
Erika Musterfrau | Institute X

Important Conference | **27 Oct 2024**
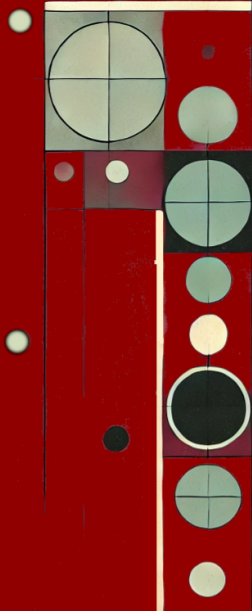
Introduction

This Quarto template is supposed to make writing and presenting economic research easy. Since everything from data to publication is happening in the same environment, everything is easily reproducible and output can be modified for the paper and the presentation at the same time.

This example slide covers all aspects necessary for the standard (economic) researcher:

- Displaying text in different forms
- Handling images
- Graphs that fit the aesthetic of the slides
- Tables 1 to 3 of a standard econ project

If you have other useful examples, we can include them in this presentation so others can benefit as well.

The various forms of displaying text in a presentation

Different text inputs
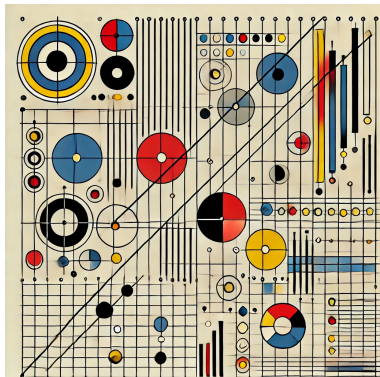
You can make bullet lists with different levels

- This looks nice and helps separate thoughts
- But you should always have two bullets, otherwise it looks a bit weired
  - Which to be fair one can argue about
    - At least on the third level
- And going back to the first level

Sometimes one might need equations. Just use LaTeX for this in the text to show that $2^2 > 3$. You can also have your equation stand out like this:

$$\hat{\beta} = (X'X)^{-1}X'Y$$

Text and picture side by side using columns

There is a very small (0.4%) column on the left that aligns the first context column with the headline. These type of slides are in general not much fun to produce.

Source:
Dall-E drawing a Bauhaus style representation of the OLS mechanism.

$$\frac{\partial S(\beta)}{\partial \beta} = -2X^\top(y - X\beta) = 0 \qquad (1)$$

$$X^\top X\hat{\beta} = X^\top y \qquad (2)$$

$$\hat{\beta} = (X^\top X)^{-1}X^\top y \qquad (3)$$

These equations minimize the sum of squared residuals S. While this seems promising, others argue that this has been done before.
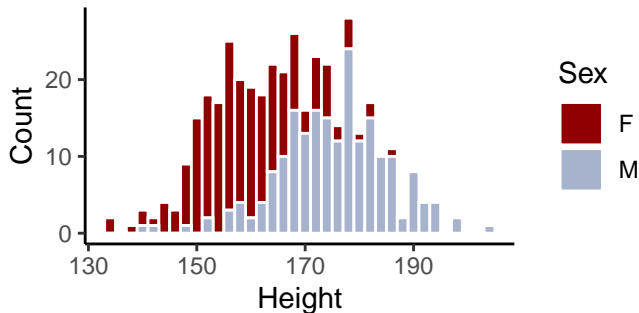
Highlighting and References

Sometimes it seems that not only are people putting books from boxes but also like boxes around some highlight text. An example would be something you (can not) find in Stern et al. (2022):

Defining an example

A lot could be in here. A definition. An equation. Literally there is so much that one would want to get framed with a highlighted headline.
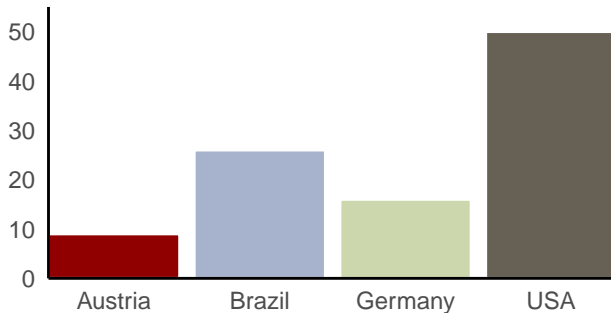
Graphs

Histogram

Distribution of height (in cm) in random data

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.

Barchart

Number of Federal States by Country

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.
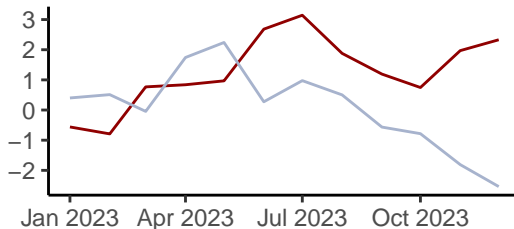
Time Series

Displaying how things evolve over time

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.
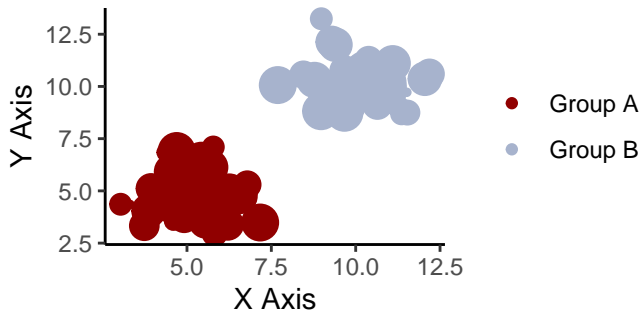
Scatterplot

Two groups have very different values

Group A
Group B

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.

Dotplot

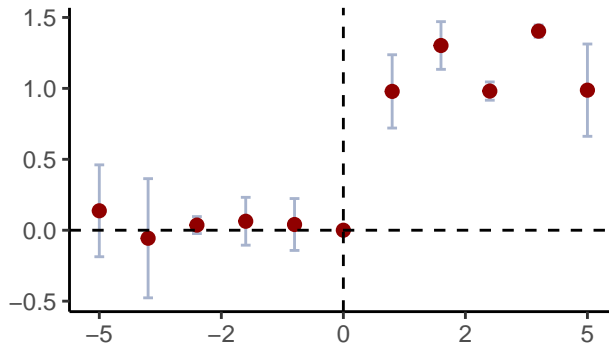**Visualizing distributions with few observations**

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.

Event Study

Coefficients relative to treatment time

Notes: You can use this text to provide further information about the table. Nunc sed pede. Praesent vitae lectus. Praesent neque justo, vehicula eget, interdum id, facilisis et, nibh. Phasellus at purus et libero lacinia dictum. Fusce aliquet. Nulla eu ante placerat leo semper dictum. Mauris metus. Curabitur lobortis. Curabitur sollicitudin hendrerit nunc. Donec ultrices lacus id ipsum.

Tables
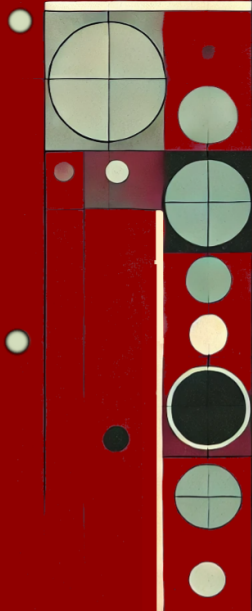
Descriptives Table

Descriptive statistics by group

Characteristic	**0**, N = 265	**1**, N = 235
Survival	0.16 (0.37)	0.47 (0.50)
Age in years	49.86 (16.75)	50.50 (17.93)
Female	0.51 (0.50)	0.52 (0.50)
Severity Score	0.39 (0.49)	0.36 (0.48)

Notes: Here is additional information on the table, which can be lengthy. It does not have to be but in order to check for line breaks, it makes sense to have it this way. It does not have to be but in order to check for line breaks, it makes sense to have it this way.
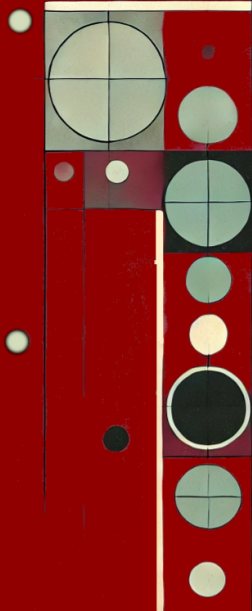
Regression Tables

Linear Regression Models

	Full Sample		Men		Women	
	(I)	(II)	(III)	(IV)	(V)	(VI)
Treatment	0.310***	0.299***	0.337***	0.326***	0.284***	0.267***
	(0.040)	(0.038)	(0.057)	(0.053)	(0.055)	(0.054)
N	500	500	242	242	258	258
R^2	0.11	0.20	0.13	0.25	0.10	0.17

Notes: Here is additional information on the table, which can be lengthy. It does not have to be but in order to check for line breaks, it makes sense to have it this way. It does not have to be but in order to check for line breaks, it makes sense to have it this way.

What we have learned

Last Slide

This slide will most likely be the one that the audience sees the longest. Take this into account when designing it. We could for example point to some things not really working well here until now:

- Display code: It is probably only a small hack but someone needs to do it
- Descriptives tables: For some reason there is no easy solution.
- Some equation things do not work: Plotting the LaTeX Symbol conflicts with things.