

# Full Presentation Title

## Optional Subtitle

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May 21, 2024

# Spillover In Experiments

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- Use various parametric/non-parametric approaches to adjust for confounding by covariates
- Problem: underlying assumption that individuals don't influence one another
- When this assumption is violated, we say there are “spillover” effects, which may have important policy implications

# Motivating Example

- Randomized control trial for political mobilization
- Delivered messages to 61 million Facebook users during the 2020 US elections
- The messages not only influenced users who received them, but also the users' friends, and friends of friends
- The effect of social transmission on real world voting was greater than the direct effect of the messages

# Paragraphs of Text

Sed iaculis **dapibus gravida**. Morbi sed tortor erat, nec interdum arcu. Sed id lorem lectus. Quisque viverra augue id sem ornare non aliquam nibh tristique. Aenean in ligula nisl. Nulla sed tellus ipsum. Donec vestibulum ligula non lorem vulputate fermentum accumsan neque mollis.

*Sed diam enim, sagittis nec condimentum sit amet, ullamcorper sit amet libero. Aliquam vel dui orci, a porta odio.*  
— *Someone, somewhere...*

Nullam id suscipit ipsum. Aenean lobortis commodo sem, ut commodo leo gravida vitae. Pellentesque vehicula ante iaculis arcu pretium rutrum eget sit amet purus. Integer ornare nulla quis neque ultrices lobortis.

# Lists

## Bullet Points and Numbered Lists

- Lorem ipsum dolor sit amet, consectetur adipiscing elit
  - Aliquam blandit faucibus nisi, sit amet dapibus enim tempus
    - Lorem ipsum dolor sit amet, consectetur adipiscing elit
    - Nam cursus est eget velit posuere pellentesque
  - Nulla commodo, erat quis gravida posuere, elit lacus lobortis est, quis porttitor odio mauris at libero
- 
- 1 Nam cursus est eget velit posuere pellentesque
  - 2 Vestibulum faucibus velit a augue condimentum quis convallis nulla gravida

# Blocks of Highlighted Text

## Block Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue.

## Example Block Title

Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan.

## Alert Block Title

Pellentesque sed tellus purus. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.

Suspendisse tincidunt sagittis gravida. Curabitur condimentum, enim sed venenatis rutrum, ipsum neque consectetur orci.



# Multiple Columns

Subtitle

## Heading

- 1 Statement
- 2 Explanation
- 3 Example

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# Table

Subtitle

| Treatments  | Response 1 | Response 2 |
|-------------|------------|------------|
| Treatment 1 | 0.0003262  | 0.562      |
| Treatment 2 | 0.0015681  | 0.910      |
| Treatment 3 | 0.0009271  | 0.296      |

Table: Table caption

# Figure

# Definitions & Examples

## Definition

A **prime number** is a number that has exactly two divisors.

## Example

- 2 is prime (two divisors: 1 and 2).
- 3 is prime (two divisors: 1 and 3).
- 4 is not prime (**three** divisors: 1, 2, and 4).

You can also use the `theorem`, `lemma`, `proof` and `corollary` environments.

# Theorem, Corollary & Proof

Theorem (Mass-energy equivalence)

$$E = mc^2$$

Corollary

$$x + y = y + x$$

Proof.

$$\omega + \phi = \epsilon$$



# Equation

$$\cos^3 \theta = \frac{1}{4} \cos \theta + \frac{3}{4} \cos 3\theta \quad (1)$$

## Example (Theorem Slide Code)

```
\begin{frame}  
\frametitle{Theorem}  
\begin{theorem}[Mass--energy equivalence]  
$E = mc^2$  
\end{theorem}  
\end{frame}
```

Slide without title.



# Citing References

An example of the `\cite` command to cite within the presentation:

# References



John Smith (2022)

Publication title

*Journal Name* 12(3), 45 – 678.



Annabelle Kennedy (2023)

Publication title

*Journal Name* 12(3), 45 – 678.

# Acknowledgements

## Smith Lab

- Alice Smith
- Devon Brown

## Cook Lab

- Margaret
- Jennifer
- Yuan

## Funding

- British Royal Navy
- Norwegian Government

# The End

Questions? Comments?