

LOGO

Replace with your own

Bypst: The BIPS Typst Theme

A Complete Feature Showcase

Jane Doe¹ John Smith² Alice Johnson^{1,2}

¹ Leibniz Institute for Prevention Research and Epidemiology – BIPS

² University of Bremen

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The 27th Conference on Typst Presentations

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Slide Types

Text Formatting

Automatic styling from the BIPS theme



1

- **Bold text** renders in BIPS blue — use for key terms
- *Emphasized text* renders in blue italic — use for concepts
- [Links](#) appear with a blue underline
- Regular text uses the base gray color
- Inline `code` uses Fira Mono at matching metrics
- Footnotes work naturally¹

¹Like this one — appears at the slide bottom.

Color Utilities & Headings

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2

`#blue[], #orange[], #green[], #gray[]`

Heading level 1

Heading level 2

Heading Level 3

Content below a heading. Levels 1–2 render in BIPS blue with em-based sizing that scales proportionally with `base-size`.

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Layout & Utilities

Multi-Column Layouts

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3

Left column

Default 1fr / 1fr split. Useful for text + image or side-by-side comparisons.

Right column

Custom widths: `two-columns(columns: (2fr, 1fr))[...][...]`

Column A

Column B

Column C

Callout Blocks

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4



Default note — icon appears inline with content.



Pro Tip

Use `title:` to add a header line to any callout type.



Warnings use BIPS orange for high visibility.



Important callouts use red for critical information.

Images & Figures



5

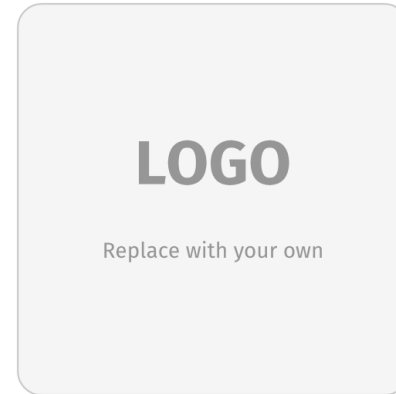


Figure 1: The BIPS logo

Images are included with `#image()` and sized via `width` or `height`.

Tables & Mathematics

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6

Method	MSE	AUC
Random Forest	0.042	0.91
Gradient Boosting	0.038	0.93
Neural Net	0.035	0.94

The estimator is unbiased:

$$\hat{\theta}_n = \frac{1}{n} \sum_{i=1}^n X_i$$

with variance $\text{Var}(\hat{\theta}_n) = \frac{\sigma^2}{n}$.

Text Sizes & Compact Spacing

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7

Normal body text at the default `base-size` (18pt).

`#small[]` — useful for source attributions or secondary information.

`#tiny[]` — the smallest preset, for disclaimers or fine print.

Normal spacing:

- Item A
- Item B
- Item C

Compact spacing:

- Item A
- Item B
- Item C

Vertical Fill & Alignment



8

Top-aligned content (the default).

Bottom content, pushed down by `#vfill` between the two blocks.

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Animations

Incremental Reveals with #pause

Touying's simplest animation primitive



9

- This point is visible from the start

Incremental Reveals with #pause

Touying's simplest animation primitive



9

- This point is visible from the start
- This appears on click 2

Incremental Reveals with #pause

Touying's simplest animation primitive



9

- This point is visible from the start
- This appears on click 2
- This appears on click 3

Incremental Reveals with #pause

Touying's simplest animation primitive



9

- This point is visible from the start
- This appears on click 2
- This appears on click 3

Equations can also be revealed: $E = mc^2$

Fine-Grained Animations

Touying: #uncover and #only



10

Always visible content.

Fine-Grained Animations

Touying: #uncover and #only



10

Always visible content.

This text is only on subslide 2 – then it vanishes.

Fine-Grained Animations

Touying: #uncover and #only



10

Always visible content.

This appears from subslide 3 onward.

Replacing Content with #alternatives

Touying: swapping content in-place



11

The current analysis method is:

Step 1: Data collection and cleaning

(Switch slides to cycle between steps)

Replacing Content with #alternatives

Touying: swapping content in-place



11

The current analysis method is:

Step 2: Exploratory analysis and visualization

(Switch slides to cycle between steps)

Replacing Content with #alternatives

Touying: swapping content in-place



11

The current analysis method is:

Step 3: Model fitting and validation

(Switch slides to cycle between steps)

Multi-Column Animations

Touying: #pause in grids with #meanwhile

LOGO

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12

Left column:

- Data collection

Right column appears at the same time as the left column begins.

- Synchronized content across columns

Multi-Column Animations

Touying: #pause in grids with #meanwhile

LOGO

Replace with your own

12

Left column:

- Data collection
- Preprocessing

Right column appears at the same time as the left column begins.

- Synchronized content across columns

Multi-Column Animations

Touying: #pause in grids with #meanwhile

LOGO

Replace with your own

12

Left column:

- Data collection
- Preprocessing
- Feature engineering

Right column appears at the same time as the left column begins.

- Synchronized content across columns

Step-by-Step Equations

Touying: #pause inside math blocks

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13

Completing the square:

$$f(x) = x^2 + 4x + 4$$

Step-by-Step Equations

Touying: #pause inside math blocks

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13

Completing the square:

$$\begin{aligned}f(x) &= x^2 + 4x + 4 \\ &= (x + 2)^2\end{aligned}$$

Step-by-Step Equations

Touying: #pause inside math blocks

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13

Completing the square:

$$\begin{aligned}f(x) &= x^2 + 4x + 4 \\ &= (x + 2)^2\end{aligned}$$

Therefore, the vertex is at $x = -2$.

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Customization

Per-Slide Overrides

BIPS theme: text-size, title-size, code-block-scale

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14

This slide uses `text-size: 16pt` (default is 18pt), which allows fitting more content when needed. You can adjust global defaults:

```
#show: bips-theme.with(  
  base-size: 20pt,           // Scale everything up  
  heading-1-size: 24pt,     // Explicit heading override  
  code-block-scale: 0.75,   // Smaller code blocks  
)
```

Or override defaults per slide

```
#bips-slide(  
  title: "Per-Slide Overrides",  
  subtitle: "BIPS theme: text-size, title-size, code-block-scale",  
  text-size: 16pt,  
  code-block-scale: 1, // Keep code block at 100% so it's not too small  
)[...]
```

Special Slides

This is an empty slide — no logo, no page number.
Useful for full-bleed images or transition screens.

Thank you for your attention!



Contact

Dr. Jane Doe
Leibniz Institute for Prevention Research
and Epidemiology – BIPS
Achterstraße 30
28359 Bremen
Germany

jane.doe@leibniz-bips.de

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