

# Jambro Beamer Template

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\*The Usual Disclaimer Applies

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# Jambro Beamer Theme


- ▶ Jambro is a Beamer theme with a strong focus on clarity and readability:
  - \* Clean, minimalist layout
  - \* Subtle color palette
  - \* Modern typography
  - \* Spacious design ideal for academic or policy presentations
- ▶ Getting started:
  - \* After the usual `\documentclass{beamer}`, load the theme with `\usetheme{jambro}`
  - \* The file `beamerthemejambro.sty` must be in the same folder as your Beamer presentation

# Arrows & Handwriting

# Arrows and handwritten notes


- ▶ The theme embeds a way to introduce handwritten notes using arrows
- ▶ Imagine you want to clarify something about  $x$

# Arrows and handwritten notes

- ▶ The theme embeds a way to introduce handwritten notes using arrows
- ▶ Imagine you want to clarify something about  $x$   
 A comment from the north
- ▶ The theme allows to add arrows and handwritten notes using `\hand` command and Tikz
  - \* Use command `\marker{mylabel}{text}` to anchor the arrow
  - \* Then use standard Tikz syntax

```
\begin{tikzpicture}[tpstyle]
  \draw[arrow,->] ([yshift=2pt]node1.north east) to[bend left] +(0.7,+0.3) %
    node[anchor=west] {\hand A comment from the north};
\end{tikzpicture}
```


# Arrows and handwritten notes

- ▶ The theme embeds a way to introduce handwritten notes using arrows
- ▶ Imagine you want to clarify something about  $x$ 

The diagram shows the variable  $x$  in blue. Two yellow curved arrows originate from the right side of  $x$ . The top arrow points upwards and to the right, towards the text "A comment from the north". The bottom arrow points downwards and to the right, towards the text "A comment from the south".
- ▶ The theme allows to add arrows and handwritten notes using `\hand` command and Tikz
  - \* Arrows can start from different cardinal points

# Arrows and handwritten notes

- ▶ The theme embeds a way to introduce handwritten notes using arrows

- ▶ Imagine you want to clarify something about  $x$ 

- ▶ The theme allows to add arrows and handwritten notes using `\hand` command and Tikz
  - \* Arrows can start from different cardinal points...
  - \* ...have different colors and opacity...



# Arrows and handwritten notes

- ▶ The theme embeds a way to introduce handwritten notes using arrows

- ▶ Imagine you want to clarify something about  $x$

 A comment from the north

 A comment from the south

- ▶ The theme allows to add arrows and handwritten notes using `\hand` command and Tikz
  - \* Arrows can start from different cardinal points...
  - \* ...have different colors and opacity...
  - \* ...have wiggles....

# Arrows and handwritten notes

- ▶ The theme embeds a way to introduce handwritten notes using arrows

- ▶ Imagine you want to clarify something about  $x$



A comment from the north



A comment from the south






- ▶ The theme allows to add arrows and handwritten notes using `\hand` command and Tikz
  - \* Arrows can start from different cardinal points...
  - \* ...have different colors and opacity...
  - \* ...have wiggles...
  - \* ...be bidirectional or adirectional

# Arrows and handwritten notes: Shortcuts

## The `\lapisnote` command

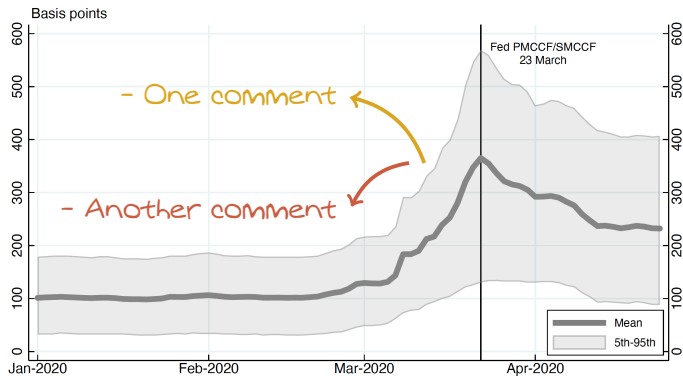
- Add arrows and annotations using the `\lapisnote[options]{node}{text}` command

- Options:

- \* Automatic settings  A comment
- \* Control `x` and `y` position of annotation  Another comment
- \* Control `from` positions of arrow (automatic to position)  Another comment
- \* Control `to` position of arrow and its bend  Another comment
- \* Control `width` of box for annotation  Another comment

# Handwritten notes to figures

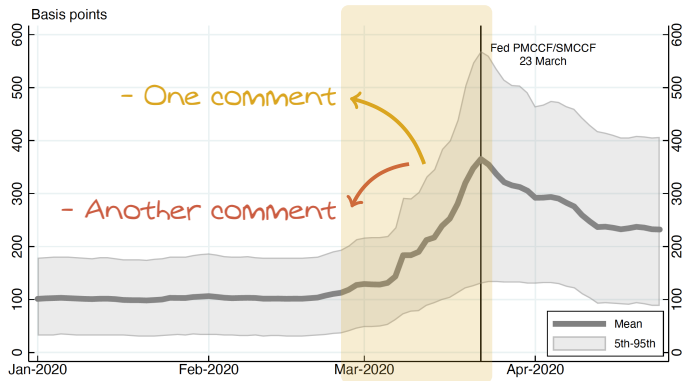
- Add notes to figures using the `tikzpicture` environment



NOTE. Global average of investment grade corporate bond spreads (option-adjusted) weighted by bonds face value, together with 5th and 95th percentile of the full distribution. Source: ICE BoA ML.

# Handwritten notes to figures

- Add shaded areas on top of figures with the `tikzpicture` environment



NOTE. Global average of investment grade corporate bond spreads (option-adjusted) weighted by bonds face value, together with 5th and 95th percentile of the full distribution. Source: ICE BoA ML.

# Highlighting, Underlying & Boxing

# Highlighting

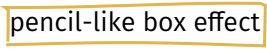
- ▶ Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[mycolor]{text}`
- ▶ Or underline text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[mycolor]{text}`
- ▶ You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil (see TEX file for code)

# Boxing text or variables in equations

- ▶ Highlight text with a  using the `\lapisbox{text}` command




# Boxing text or variables in equations


- ▶ Highlight text with a  using the `\lapisbox{text}` command
- ▶ Can also highlight objects in equations, as well as set colors and labels with `\lapisbox[color=mycolor, label=mylabel]{text}`

$$y_t = \alpha + \boxed{\beta x_t} + u_t$$

# Boxing text or variables in equations

- ▶ Highlight text with a  using the `\lapisbox{text}` command
- ▶ Can also highlight objects in equations, as well as set colors and labels with `\lapisbox[color=mycolor, label=mylabel]{text}`

$$y_t = \alpha + \boxed{\beta x_t} + u_t$$

- ▶ Labels allow to add arrows and comments as before  A comment from south east

# Boxing numbers in a table

- `lapisbox` can be used to highlight numbers in tables, too

Dep. Variable: spread ( $\Delta cs_{ij}$ )	(1)
Baseline Specification	
Coeff. ( $\beta_1$ )	21.15*** (7.35)
Double clustering	Yes
Time-sector FE	No
R-squared	0.034
Observations	285,794

→ This is a large estimate!

NOTE. Standard errors (reported in parentheses) are clustered two-way, at the firm level and time level. The asterisks denote statistical significance (\*\*\*) for  $p < 0.01$ , \*\* for  $p < 0.05$ , \* for  $p < 0.1$ .

# Theme's Options

# Theme's options

- ▶ The theme comes with a few options to be specified in the `\documentclass[option]{beamer}` command
  - \* `light`: uses Fira light as a default font
  - \* `roboto`: changes the default font to Roboto
  - \* `cabin`: changes the default font to Cabin
  - \* `night`: switches to night mode colors
  - \* `red`: switches the main color of the theme from blue to red (this option is overrun by
  - \* `3to2`: switches the aspect ratio from 16:9 to 3:2
  - \* `shownotes`: show notes to the slides
  - \* `handout`: make handouts with 2x1 slides (portrait). Useful in combination with `shownotes`
  - \* `onsec`: visualize only one section at the time in footline (default is all of them)

# Theme's options

- Set `light` option for `fira` font (baseline) in `light` format

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Theme's options

- Set `roboto` option for roboto font

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Theme's options

- Set `cabin` option for cabin font

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil



# Theme's options

- Set `night` option for dark scheme

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Theme's options

- Set `red` option for red fonts

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Theme's options

- ▶ Set `3to2` option for 3 x 2 format

## Highlighting

- ▶ **Highlight text** with the `\stabilo{text}` command
  - \* Can also highlight with a **custom color** too using `\stabilo[color]{text}`
- ▶ Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- ▶ You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Theme's options

- Set `shownotes` to show notes and `handout2x1` produce 2x1 handouts

**Highlighting**

- Highlight text with the `\stabilo{text}` command
  - Can also highlight with a `custom color` too using `\stabilo{color}{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - Can also highlight with a `custom color` too using `\stabilo{color}{text}`
- You have more control using Tikz directly, for example
  - Highlight text with a thinner pencil

**Notes**

These are some speaking notes  
And some more speaking notes

# Theme's options

- Set `onsec` to show only one section at the time in footline

## Highlighting

- Highlight text with the `\stabilo{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- Or highlight text using the pencil-like `\lapis{text}` command
  - \* Can also highlight with a custom color too using `\stabilo[color]{text}`
- You have more control using Tikz directly, for example
  - \* Highlight text with a thinner pencil

# Tables & Figures

# Tables

- This is a table using the `minipage` and `tabularx` commands

Dep. Variable: spread ( $\Delta cs_{ij}$ )	(1)
Baseline Specification	
Coeff. ( $\beta_1$ )	21.15*** (7.35)
Double clustering	Yes
Time-sector FE	No
R-squared	0.034
Observations	285,794

NOTE. Standard errors (reported in parentheses) are clustered two-way, at the firm level and time level. The asterisks denote statistical significance (\*\*\*) for  $p < 0.01$ , \*\* for  $p < 0.05$ , \* for  $p < 0.1$ .

- Control opacity of columns specifying alignment `S` within the `tabularx` command

Dep. Variable: spread ( $\Delta cs_{ij}$ )	(1)
Baseline Specification	
Coeff. ( $\beta_1$ )	21.15*** (7.35)
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# Tables

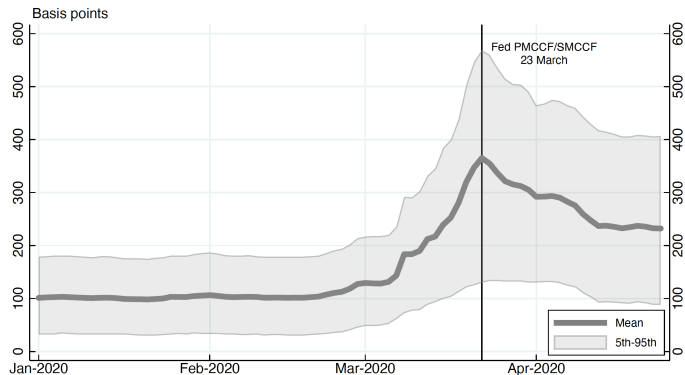
- ▶ Control the width of the table with the `minipage` command
- ▶ If the table is not wide enough, the text (from column 2 onward) is automatically spread on multiple lines

Dep. Variable: spread ( $\Delta cs_{ij}$ )	(1)
	Baseline Specification
Coeff. ( $\beta_1$ )	21.15*** (7.35)
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# Figures

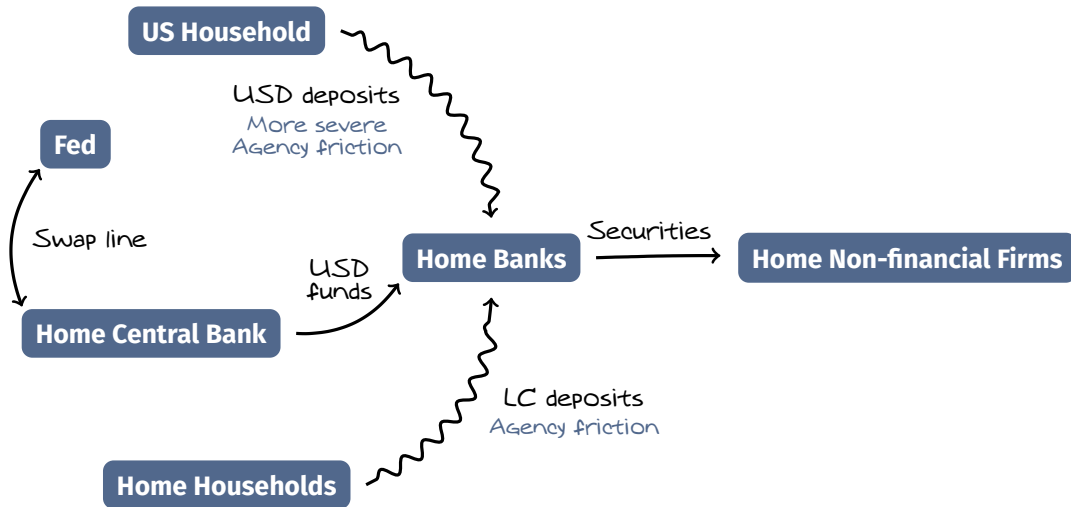
- This is a figure using the `minipage` and `includegraphics` commands



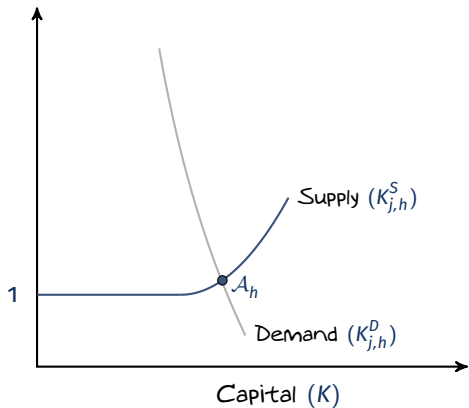
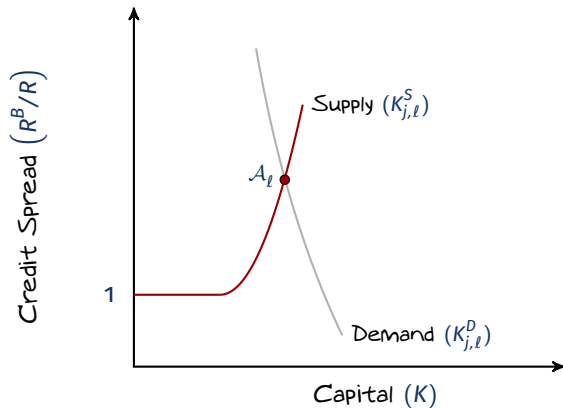
NOTE. Global average of investment grade corporate bond spreads (option-adjusted) weighted by bonds face value, together with 5th and 95th percentile of the full distribution. Source: ICE BoA ML.

# Sketches & Bubbles

# Sketch of a model



# Sketch of demand and supply



# Bubbles

- ▶ The theme allows to create bubbles with the `\NB` command in combination with the `minipage` environment

This is a small bubble

This is a large bubble.  
With two lines

This is a larger bubble with bullets:

- ▶ Uno
- ▶ Dos
- ▶ Tres

# Miscellaneous

# Verbatim & Code

- ▶ The command `\jverb{...}` allows to write inline verbatim text
- ▶ And the command `\begin{jVerb}` can be used for a verbatim box

```
>> disp(VAR_sigma)
0.2891    0.0782
0.0782    0.1473
```

- ▶ `Code` can be added with the command `\jcode{...}` (does not support verbatim)
- ▶ Code boxes can be added with the command `\jCode{...}`

```
% Compute HD
[HD, VAR] = VARhd(VAR, VARopt);
```

- ▶ All commands in this page require `\begin{frame}[fragile]`



# Change Margins

- ▶ This is a tight margin:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

- ▶ This is a wide margin:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.