Jambro Beamer Template

Ambrogio Cesa-Bianchi

November 9, 2023

Intro

▶ After the usual `\documentclass{beamer}` load the theme with `\usetheme{jambro}`

▶ The file `beamerthemejambro.sty` has to be in the same folder of your beamer presentation

Intro

- ► The theme comes with a few options to be specified in the `\documentclass[option here]{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 `night`)
  - ∗ `3to2`: switches the aspect ratio from 16:9 to 3:2

Tables & Figures

Tables

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

Dep. Variable: spread (Δcs_{ij})	(1)
	Baseline Specification
Coeff. (β_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 $p < 0.1$).
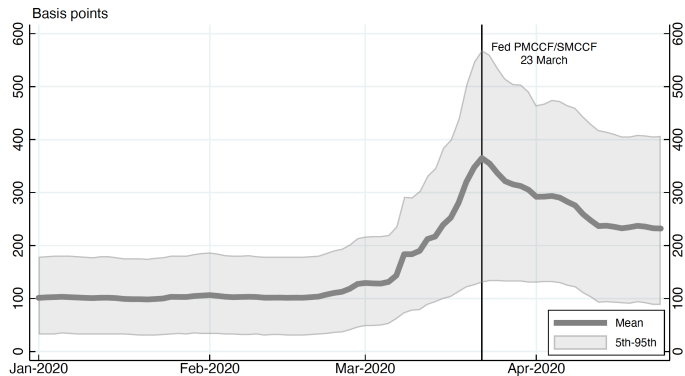
Tables

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

Dep. Variable: spread (Δcs_{ij})	(1)
	Baseline Specification
Coeff. (β_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 $p < 0.1$).

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 (Δcs_{ij})	(1)
	Baseline Specification
Coeff. (β_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 $p < 0.1$).

Figures

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

Basis points

Fed PMCCF/SMCCF
23 March

Mean
5th-95th

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.

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

A comment from the south

▶ The theme allows to add arrows and handwritten notes using Tikz in combination with the `hand` command

  ∗ 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

→ A comment from the north

→ A comment from the south

▶ The theme allows to add arrows and handwritten notes using Tikz in combination with the `hand` command

  ∗ Arrows can start from different cardinal points…

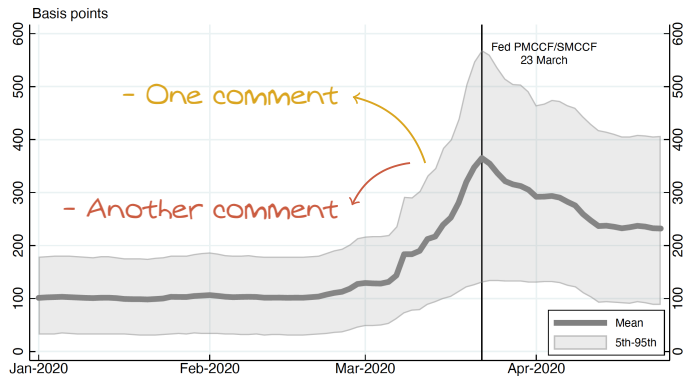 ∗ …have different colors and opacity…

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 Tikz in combination with the `hand` command

* 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 Tikz in combination with the `hand` command

  * Arrows can start from different cardinal points…

  * …have different colors and opacity…

  * …have wiggles…

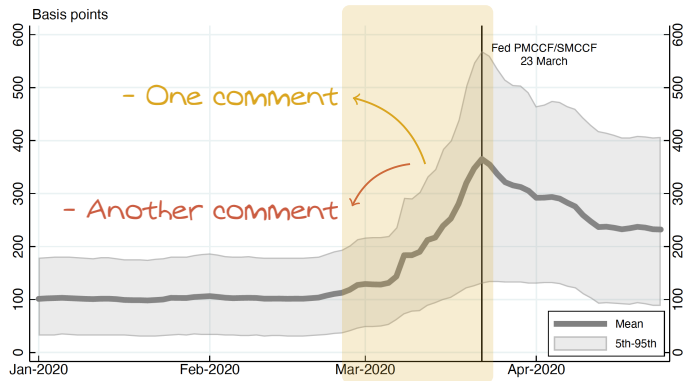 * …be bidirectional or adirectional

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

Highlighting

► Highlight text with the `hlight` command

► Or highlight text with a 'pencil underline' effect using Tikz

   ∗ Highlight text with a pencil

Highlighting

- ▶ Highlight text with the `hlight` command

- ▶ Or highlight text with a 'pencil underline' effect using Tikz
  - ∗ Highlight text with a pencil
  - ∗ Highlight text with a thicker pencil

Highlighting

► Highlight text with the `hlight` command

► Or highlight text with a 'pencil underline' effect using Tikz

  ∗ Highlight text with a pencil

  ∗ Highlight text with a thicker pencil

  ∗ Highlight text with a different color thicker pencil
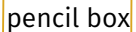
Boxing text or variables in equations

► Highlight text with a pencil box effect using Tikz

Boxing text or variables in equations

▶ Highlight text with a pencil box effect using Tikz

▶ Or highlight objects in equations with a thicker box

$$y_t = \alpha + \beta x_t + u_t$$

Boxing text or variables in equations

▶ Highlight text with a pencil box effect using Tikz

▶ Or highlight objects in equations with a thicker box

$$y_t = \alpha + \beta x_t + u_t$$

→ A comment from north east

▶ Add arrows and comments as before
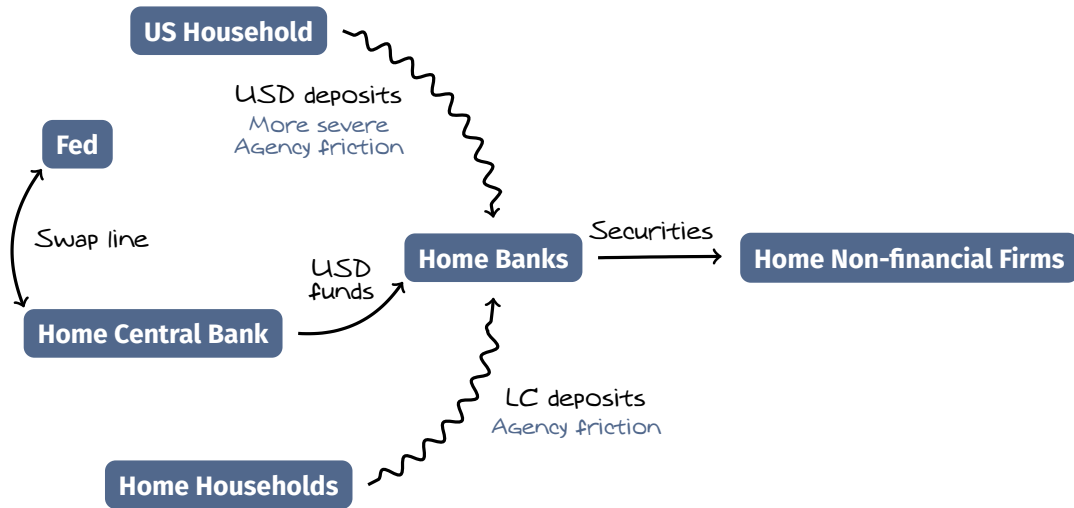
Boxing numbers in a table

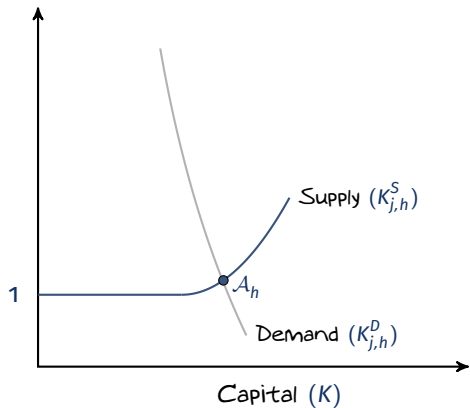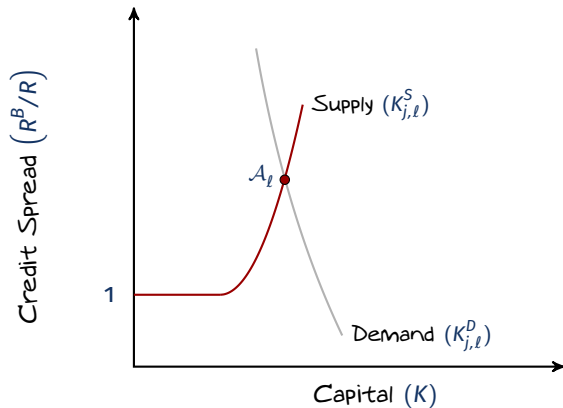| Dep. Variable: spread (Δcs_{ij})	(1)
	Baseline Specification
Coeff. (β_1)	21.15***
	(7.35)
Double clustering	Yes
Time-sector FE	No
R-squared	0.034
Observations	285,794

This is a large number

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 $p < 0.1$).

Sketches

Sketch of a model

US Household

Fed

USD deposits
More severe
Agency friction

Swap line

USD funds

Home Banks

Securities

Home Non-financial Firms

Home Central Bank

LC deposits
Agency friction

Home Households

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