

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



A comment from the north

- Imagine you want to clarify something about x

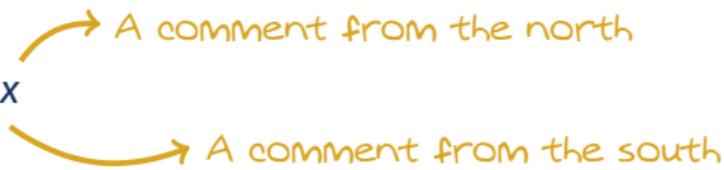
- The theme allows to add arrows and handwritten notes using \hand command and Tikz
 - * Use command `\marker{mylabel}{text}` to anchor the arrow
 - * Then use standard Tikz syntax

```
\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 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
 - 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...

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...
- * ...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



- 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

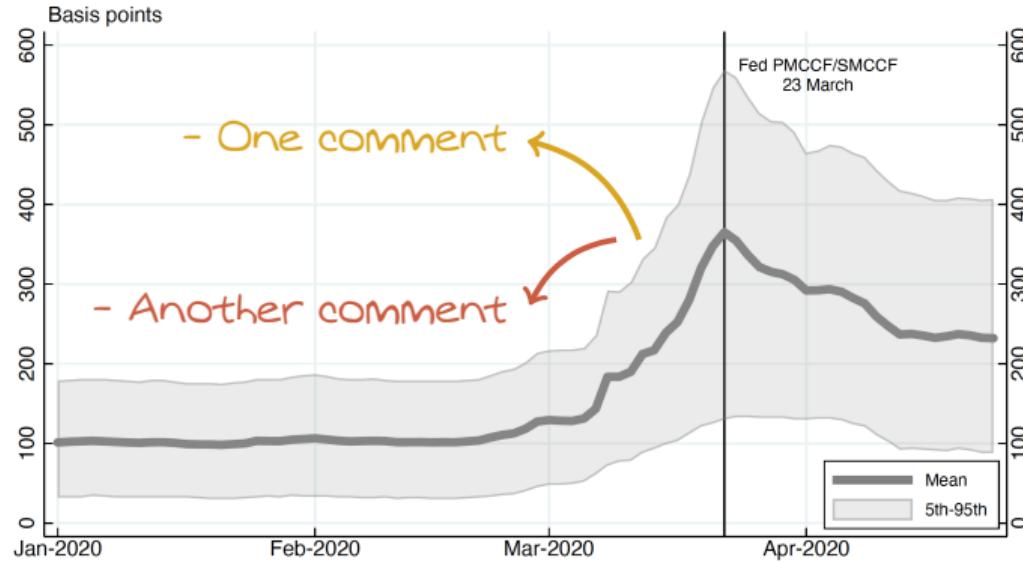
- ▶ Add arrows and annotations using the `\lapisnote[options] {node} {text}` command

- ▶ Options:

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

Handwritten notes to figures

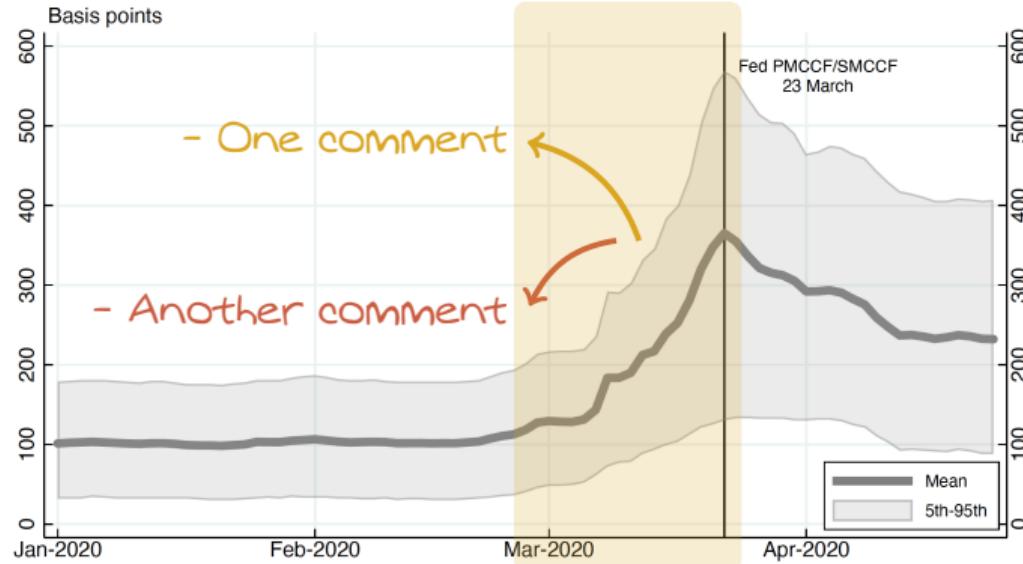
- Add notes to figures using the `tikzpicture` environment



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 pencil-like box effect using the `\lapisbox{text}` command

Boxing text or variables in equations

- ▶ Highlight text with a pencil-like box effect 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}`

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

Boxing text or variables in equations

- ▶ Highlight text with a pencil-like box effect 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 (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 $p < 0.1$).

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 `red`)
 - * `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`
 - * `onesec`: visualize only one section at the time in footline (default is all of them)
 - * `itemsep`: use generous spacing between itemize items (default is standard Beamer spacing)

Theme's options

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

Highlighting

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Theme's options

- ▶ Set `roboto` option for roboto font

Highlighting

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Theme's options

- ▶ Set `cabin` option for cabin font

Highlighting

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- ▶ Or highlight text using the pencil-like `\lapis{text}` command
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Theme's options

- ▶ Set `night` option for dark scheme

The screenshot shows a dark-themed LaTeX documentation page. The title 'Highlighting' is at the top. Below it is a list of bullet points:

- ▶ 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

At the bottom, there is a navigation bar with links: Introduction, Arrows & Handwriting, Highlighting, Underlying & Boxing, Options, Tables & Figures, Sketches, and a page number '# 1'. The 'Sketches' link is underlined.

Theme's options

- ▶ Set `red` option for red fonts

Highlighting

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Theme's options

- ▶ Set `3to2` option for 3×2 format

Highlighting

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Theme's options

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

The screenshot shows a Beamer presentation slide with a light blue header. The title 'Highlighting' is in bold at the top left. Below it is a list of bullet points:

- ▶ Highlight text with the `\stabilo{text}` command
 - * Can also highlight with a `custom color` too using `\stabilo{color}{text}`
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 - * 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

At the bottom, there are navigation icons for Beamer: Back, Forward, Last, First, etc.

The screenshot shows a Beamer presentation slide with a light blue header. The title 'Notes' is in bold at the top left. Below it is a block of text:

These are some speaking notes
And some more speaking notes

At the bottom, there are navigation icons for Beamer: Back, Forward, Last, First, etc.

Theme's options

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

Highlighting

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- ▶ Or highlight text using the pencil-like `\lapis{text}` command
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Tables & Figures

Tables

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

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| Time-sector FE | | No |
| R-squared | | 0.034 |
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Tables

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

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|--|--|--------------------|
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Tables

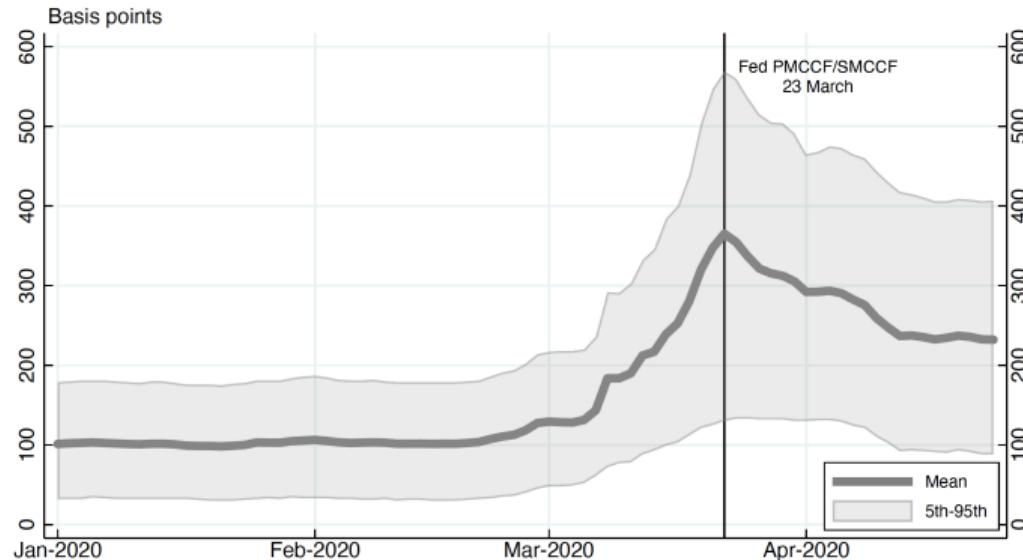
- ▶ Control the width of the table with the `minipage` command
- ▶ If the table is not wide enough, the text (from column 2 onward) is automatically spread on multiple lines

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Figures

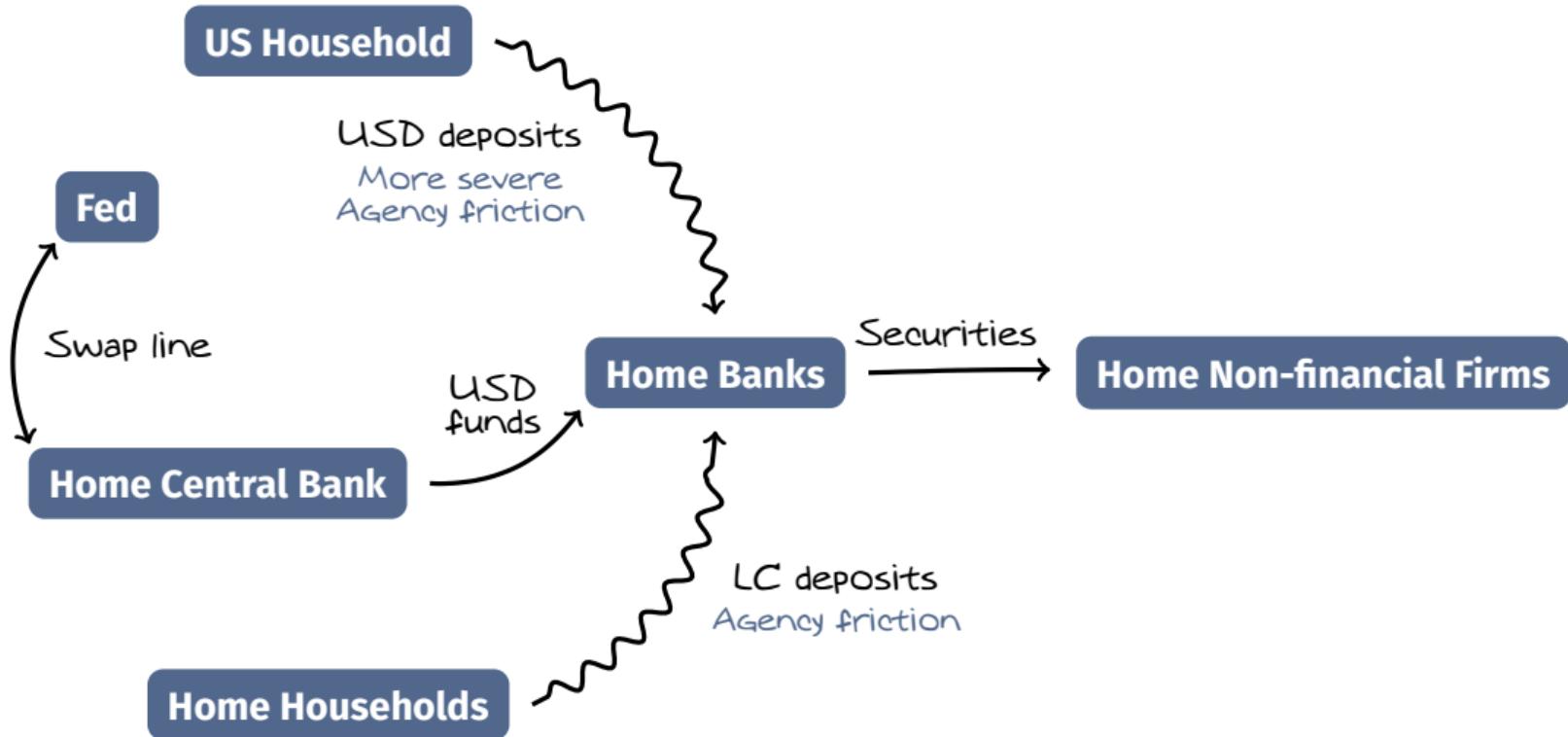
- This is a figure using the `minipage` and `includegraphics` commands



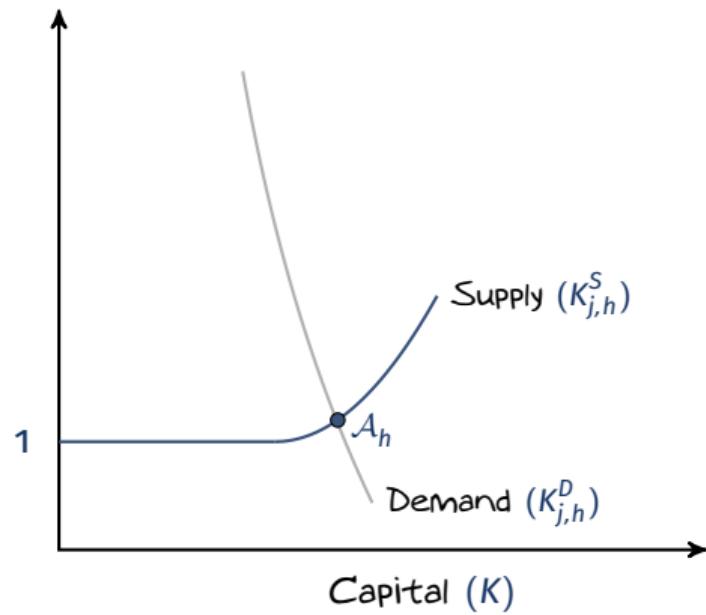
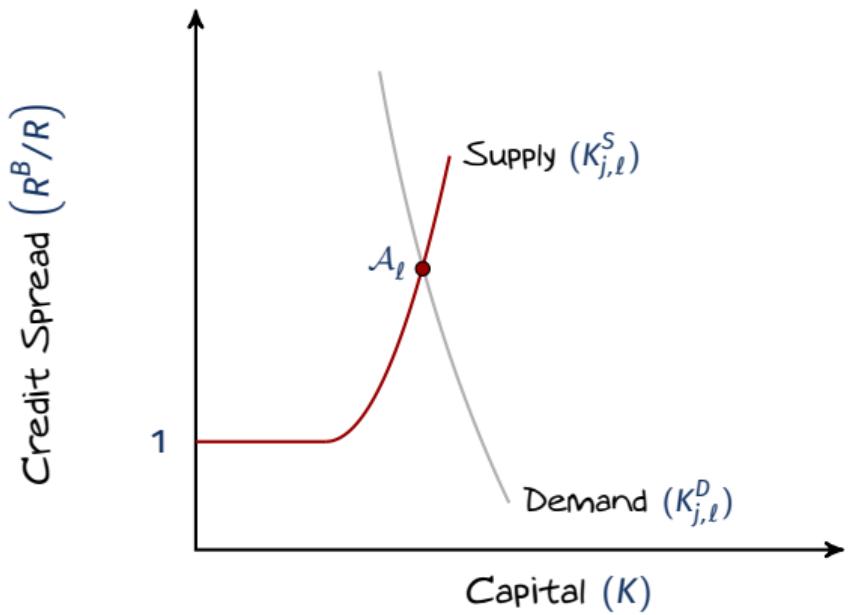
NOTE. Global average of investment grade corporate bond spreads (option-adjusted) weighted by bonds face value, together with 5th and 95th percentile of the full distribution. Source: ICE BoA ML.

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:

Lore*m* ipsum dolor sit amet, consectetur adipis*c*ing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitatio*n* ullamco laboris nisi ut aliquip ex ea commodo consequat.

- ▶ This is a wide margin:

Lore*m* ipsum dolor sit amet, consectetur adipis*c*ing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitatio*n* ullamco laboris nisi ut aliquip ex ea commodo consequat.

Model Details – Firms

- ▶ Heterogeneous in terms of productivity
- ▶ Sunk entry cost: $w_t f_{E,t} / Z_t$
- ▶ There is also a lower bound for productivity: z_{min}
- ▶ After entry: a death shock common to all firms with probability δ
- ▶ Every period, firms decide whether and how much to export
- ▶ Profit maximisation

$$\Pi_t^D(\omega) = \left(\frac{p_{D,t}(\omega)}{P_t} \right)^{1-\theta} C_t - w_t l_D(\omega)$$

$$\Pi_t^X(\omega) = \frac{1-n}{n} Q_t \left(\frac{p_{X,t}(\omega)}{P_t^*} \right)^{1-\theta} C_t^* - \tau_t w_t l_X(\omega) - \frac{w_t f_{X,t}}{Z_t}$$