

Quarto reveal.js clean

A minimalist and elegant presentation theme

Franck Albinet

franckalbinet@gmail.com

Independent Data Science & AI Consultant

September 10, 2025

Example slide

This is a subtitle

Before we dive a bit deeper, here is a simple example of the **clean theme** in action.

- No pictures or anything fancy. Just text for the moment.

Next, we'll take a brief tour of some theme components.

- We'll use the same basic structure as the **original LaTeX slides**.
- Note that the **full suite** of Reveal.js features are available for this Quarto implementation, even if we don't cover everything here.

Before you proceed...

Requirements for the coding examples in this demo

The **clean theme** is language agnostic. Use it with R, Python, Julia, etc. Or none of the above.

However, this demo uses R code to highlight advanced theme features. You'll need to install some software if you'd like to render the demo “as-is”.

Required software (this demo only)

R packages

```
1 install.packages(c("modelsummary", "fixest", "pdftools", "tinytex", "threejs"))
```

TinyTex

```
1 quarto install tinytex
```

Note: While the “clean” extension renders to HTML format, this demo includes an example where a LaTeX table can be embedded as an image, which requires **TinyTex**.

Components

Components

Ordered and Unordered Lists

Here we have an unordered list.

- first item
 - sub-item
- second item

And next we have an ordered one.

1. first item
 - i. sub-item
2. second item

Components

Alerts & Cross-refs

To emphasize specific words or text, you can:

- Use the default `.alert` class, e.g. `important note`.
- Use the `.fg` class for custom colour, e.g. `important note`.
- Use the `.bg` class for custom background, e.g. `important note`.

To cross-reference, you have several options, for example:

- Beamer-like `.button` class provided by this theme, e.g. `▶ Appendix`
- Quarto's native cross-ref syntax, e.g., "See `Section 5.3`."

Components

Citations

Citations follow the standard **Quarto format** and be sourced from BibLaTeX, BibTeX, or CLS files. For example:

- **Topic 1:** Spatial Frictions (**Fajgelbaum et al. 2018; Hsieh and Moretti 2019; Moretti 2011**)
- **Topic 2:** Blah (**Suárez Serrato and Zidar 2016**)

Components

Blocks

Quarto provides **dedicated environments** for theorems, lemmas, etc. But for presentations, it's arguably more effective just to use a **Callout Block**.

i Regression Specification

The main specification is as follows:

$$y_{it} = X_{it}\beta + \mu_i + \varepsilon_{it}$$

P.S. Regular inline (e.g., $\alpha = 2\pi$) and display math equations work fine too:

$$P(E) = \binom{n}{k} p^k (2-p)^{n-k} \int_0^\infty x dx$$

Components

Multicolumn 1: Text only

Column 1

Here is a long sentence that will wrap onto the next line as it hits the column width, and continue this way until it stops.

Column 2

Some other text in another column. A second paragraph.

Multicolumn support is very flexible and we can continue with a single full span column in the same slide.

Components

Multicolumn II: Text and figures



- A point about the figure that is potentially important.
- Another point about the figure that is also potentially important.

Note that sub- and multi-panel figures are also natively supported by Quarto. See [here](#).

Components

Multicolumn III: Code and output

```
1 palette("Classic Tableau")
2
3 par(
4   family = "HersheySans",
5   las = 1, pch = 19, cex = 1.5
6 )
7
8 pairs(
9   iris[, 1:4],
10  col = iris$Species
11 )
```

Tables

Markdown tables

Default table styling

The **clean** theme rolls its own minimalist aesthetic for tables. This should interface directly with Quarto's excellent **table support**.

```
1 | fruit | price |  
2 |-----|-----:|  
3 | apple | 2.05 |  
4 | pear  | 1.37 |  
5 | orange| 3.09 |  
6  
7 : Fruit prices {tbl-colwidths="[75,25]"}  

```

FRUIT PRICES	
fruit	price
apple	2.05
pear	1.37
orange	3.09

Regression tables

Regression example

These aesthetics should carry over to any computation-based tables too.

Let's take a few slides to illustrate via a simple regression example:

```
1 library(fixest)
2
3 mods <- feols(
4   rating ~ complaints + privileges + learning + csw0(raises + critical),
5   data = attitude
6 )
7
8 dict <- c(
9   "rating" = "Overall Rating",
10  "complaints" = "Handling of Complaints",
11  "privileges" = "No Special Priviledges",
12  "learning" = "Opportunity to Learn",
13  "raises" = "Performance-Based Raises",
14  "critical" = "Too Critical"
15 )
```

Regression tables

modelsummary

Popular regression table software should play nicely with this theme out of the box. Here's an example using **modelsummary** (with the default **tinytable** backend¹). See the next slide for the resulting table.

```
1 library(modelsummary) # Make sure you have >=v2.0.0
2
3 modelsummary(
4   setNames(mods, c("(1)", "(2)")),
5   coef_map = dict, stars = TRUE,
6   gof_map = NA
7 ) |>
8   # some optional stylistic tweaks
9   tinytable::group_tt(j = list("Dep. variable: Overall Rating" = 2:3)) |>
10  tinytable::style_tt(i = 1:2, j = 2:3, background = "pink")
```

1. For extra styling options (e.g., bootstrap themes), see [here](#).

Regression tables

Regression tables

fixest::etable

Aside: We used the fantastic **fixest** package to estimate our regression models. **fixest** bundles its own powerful tabling functions. These were designed for LaTeX output, but can work with this (HTML) theme too.¹

- Set the **output: asis** R chunk option in your Quarto doc.
- Set the **markdown = TRUE** **fixest::etable** option.

```
1 ```{r}
2 #| output: asis
3
4 setFixest_etable(markdown = TRUE, drop = "Constant")
5 setFixest_dict(dict)
6
7 etable(mods, highlight = .("se" = "complaints"))
8 ```
```

1. Details [here](#). You need to install the **tinytex** & **pdftools** packages first.

Regression tables

fixest::etable (cont.)

Figures

Figure



Figure

Full-size Figures

You can use the `{.background-image}` container environment to completely fill the slide background with an image.

Ideally, your figure will be the same aspect ratio as the screen that you're presenting on.

- This can be a bit tricky because of the dynamic nature of reveal.js / HTML. But it's probably something close to 16:9.
- Aspect ratio can also matter for a regular full-frame images (previous slide).

富嶽三十六景 神奈川沖
浪裏



Interactive plots

Note: Simple flight data example using [threejs](#). There are many interactive plotting options beyond this. (More [details](#).)

Other

Other

What else can the clean theme do?

We have highlighted some theme-specific components in this demo.

But please note that all of the standard **reveal.js functionality and plugins** are compatible with the clean theme. This includes:

- **chalkboard** for annotating slides.
- **multiplex** for enabling audience navigation of your slides.
- **pdf printing** in case you don't have access to a web browser.
- Etc.

Summary

Summary

A minimalist and elegant presentation theme

The Quarto reveal.js **clean theme** aims to grantmcdermott/quarto-revealjs-clean be a minimalist and elegant presentation theme. Here are some options to get you started.

Add the theme to an existing project.

```
1 quarto install extension grantmcdermott/quarto-revealjs-clean
```

... or, create a new project using our lean template.

```
1 quarto use template grantmcdermott/quarto-revealjs-clean
```

... or, create a new project using these demo slides as a full template.

```
1 quarto use template grantmcdermott/quarto-revealjs-clean-demo
```

References

- Fajgelbaum, Pablo D, Eduardo Morales, Juan Carlos Suarez Serrato, and Owen Zidar. 2018. "State Taxes and Spatial Misallocation," 90.
- Hsieh, Chang-Tai, and Enrico Moretti. 2019. "Housing Constraints and Spatial Misallocation." *American Economic Journal: Macroeconomics* 11 (2): 39.
- Moretti, Enrico. 2011. "Local Labor Markets." In *Handbook of Labor Economics*. Vol. 4. Elsevier.
- Suárez Serrato, Juan Carlos, and Owen Zidar. 2016. "Who Benefits from State Corporate Tax Cuts? A Local Labor Markets Approach with Heterogeneous Firms." *American Economic Review* 106 (9).

Appendix

Table 1: Summary of the base R `attitude` dataset

▶ [Back to main](#)