

Otters



Dec 2025

A Sample Title - The SocioEconomic Aspects of Stock Assessments

*with non-English diacritics in the author names. see
documentation.*

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1 Cover page

```
coverpage: titleauthor
coverpage-image: otter
coverpage-title-rotate: 45
coverpage-title-fontfamily: "QTHelvet-BoldOutline.otf"
coverpage-author-align: right
coverpage-author-fontfamily: "Palatino"
```

2 Usage notes

```
titlepage-theme:
  elements: ["\\titleblock", "\\authorblock", "\\affiliationblock", "\\logoblock", "
  page-html-color: "c4c4c4"
  page-text-align: left
  page-fontfamily: "Palatino"
  title-style: "plain"
  title-fontfamily: "Palatino"
  title-fontstyle: "\\Huge\\bfseries"
  title-align: left
  title-space-after: 1in
  subtitle-fontstyle: "\\large"
  author-style: "superscript"
  author-fontfamily: "Palatino"
  author-fontstyle: "\\large"
  author-align: left
  author-space-after: 1in
  affiliation-style: "numberedlist"
  affiliation-fontfamily: "Palatino"
  affiliation-fontstyle: "\\large"
  affiliation-align: left
  affiliation-space-after: 1in
  footer-style: "plain"
  footer-fontfamily: "Palatino"
  footer-fontstyle: "\\large"
  footer-align: left
  footer-space-after: 1in
  header-style: "plain"
  header-fontfamily: "Palatino"
  header-fontstyle: "\\large"
  header-align: left
  header-space-after: 1in
  logo-size: 0.25
  logo-space-after: 1in
  bg-image-size: 0.25
  bg-image-location: "URCorner"
```

```
vrule-width: 20pt
vrule-color: "blue"
vrule-space-after: 10pt
```

2.1 YAML additions for themes

Some themes need some additional YAML information to work.

2.1.1 bg-image

Needs info on the titlepage geometry so the title doesn't overlap the background image. Also you need to supply the background image and where to put it (UL, upperleft; UR, upperright; BL, bottomleft; BR, bottomright). Note, there are placeholders in the extension, but when you put your own image in, you'll need to add the YAML information.

```
format:
  titlepage-pdf:
    titlepage: bg-image
    titlepage-geometry:
      - top=3in
      - bottom=1in
      - right=1in
      - left=1in
    titlepage-image: "img/corner-bg.png"
    titlepage-image-location: "UL"
    titlepage-image-size: 0.5
```

2.1.2 great-wave

Great wave cover page theme creates a cover page with a background image that fills the width of the page at the bottom with a color above. You need to specify the image and the upper color (unless you want to use the default Great Wave off Kanagawa image).

```
coverpage-image: "img/TheGreatWaveoffKanagawa.jpeg"
coverpage-color: "F6D5A8"
```


2.2 Document classes

The document class changes the look of your document. For the book document classes, you will need to pass in

```
number-sections: true
```

in your YAML because Quarto sets `number-sections: false` by default and that will mess up all your equation, figure and table numbers. It simple will not number them correctly at all.

For book document classes (like `scrbook`), if you want chapters to be allowed to start on even or odd pages and the left and right margins on even and odd pages to be the same, use

```
classoption: ["oneside", "open=any"]
```

2.3 Static versus dynamic themes

`vline-static`, `thesis-static`, `multi-purpose-static`, `classic-lined-static` and `academic-static` use a title page that is defined in the `_extensions/titlepage` folder. You will need to edit the `_xyz-static_titlepage.tex` file.

The other themes use the YAML for the title page info and you do not need to edit the `...-titlepage.tex` files unless you want to customize the pages.

3 Introduction

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3.1 Supporting theory

Let X_1, X_2, \dots, X_n be a sequence of independent and identically distributed random variables with $E[X_i] = \mu$ and $\text{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i \quad (3.1)$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$. Thus concludes the explanation about Equation 3.1.

4 Materials and Methods

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4.1 Study area

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See Figure 4.1 for a picture of the study area. Etiam vitae eros tristique, porta sapien a, aliquet mauris. Praesent ultricies mi nulla, et dignissim nulla mattis at. Fusce rhoncus leo quis odio euismod, hendrerit facilisis risus tincidunt. Aenean at lectus justo. Cras fringilla lacus nisl, ac convallis odio tincidunt vel. Integer vel egestas nisi. Curabitur vitae imperdiet justo.

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Figure 4.1: the study area

5 Results

See Table 5.1 for the table of results. Phasellus quis orci nec erat suscipit imperdiet. Aenean pulvinar enim ut ante convallis, vel sollicitudin purus malesuada. Sed sed ullamcorper urna. Morbi sed lobortis neque, sit amet hendrerit magna. Donec ultricies pretium lorem, eget sagittis metus posuere et. Aenean ex purus, aliquam sit amet tellus ut, pellentesque porttitor orci. Integer quis mi pharetra, bibendum neque nec, viverra nulla. Cras quis magna in erat facilisis consequat. Vivamus sed lectus iaculis, euismod ligula eu, fermentum sem.

Table 5.1: Table of numbers.

Thing	Value
A 42	18
B 15	18
C 34	17
D 99	24

6 Discussion

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7 Conclusion

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8 Author Contributions

Author1 designed the research. Author2 carried out all simulations, analyzed the data. Author1 and Author2 wrote the article.

9 Acknowledgments

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10 References

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.