

# **stata-textbook**

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# Preface

# Development of an Online Quarto Textbook for Stata: Quantitative Research Methods

Brown's Education Department

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Welcome to the online textbook for **Education 1230** and **Education 2320** at **Brown University**.

This project, developed by *Pierre de Galbert* and *Sima Raha*, provides interactive **Stata-based exercises** and open educational resources to support learning in **Quantitative Research Methods**.

Explore the chapters using the sidebar to the left.

This is a Quarto book. To learn more about Quarto books visit <https://quarto.org/docs/books>.

# 1 Chapter 1 — Data Basics (Stata)

This chapter demonstrates how to load and describe data in Stata.

Show Stata code

```
““uvmtjapux stata sysuse auto describe summarize mpg price weight list make price mpg if  
price < 5000
```

We can discuss model interpretation and coefficient meanings below.

## 2 Chapter 2 — Regression Basics (Stata)

This chapter runs a simple regression and explores fitted values.

Show Stata code

```
““uvmtjapux stata sysuse auto regress price mpg weight predict fitted list make price fitted in  
1/10
```

## 3 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

## 4 Summary

In summary, this book has no content whatsoever.



# References

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