

Computational-Statistics

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Preface

Part I

Background

1 Probability

- Set Theory
- random numbers

random variables (RV)

```
fit = lm(mpg ~ am, data = mtcars)

summary(fit)
```

1.1 Discrete random variables

Ω denotes the set of possible realizations of a random variable X . X is called discrete if Ω is either 1. a finite set 2. a countably infinite set (e.g., \mathbb{N}). If Ω isn't a countable set, X is continuous.

Part II

Generating Random Numbers

2 Summary

In summary, this book has no content whatsoever.

1 + 1

[1] 2

A How I made this

A.1 Github

<https://happygitwithr.com/>

A.2 git website

<https://www.codecademy.com/article/creating-a-website-on-github-pages>

A.3 quarto-webr

<https://quarto-webr.thecoatlessprofessor.com/>

A.4 Inspiration

https://dkon1.github.io/quant_life_quarto/tutorial3.html