

Black Ochre Data Labs: Shiny with Bookdown

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Chapter 1

Test

This is a test to embed a Shiny app into our Black Ochre Data Labs website via Bookdown.

Chapter 2

Introduction

2.1 Shiny App Embedding Example

The below Shiny app is taken from the [Bookdown documentation](#) and was created by Yihui and hosted on shinyapps.io

```
knitr::include_app("https://yihui.shinyapps.io/miniUI/",  
  height = "600px")
```


Chapter 3

Literature

Here is a review of existing methods.

Chapter 4

Methods

We describe our methods in this chapter.

Math can be added in body using usual syntax like this

4.1 math example

p is unknown but expected to be around $1/3$. Standard error will be approximated

$$SE = \sqrt{\frac{p(1-p)}{n}} \approx \sqrt{\frac{1/3(1-1/3)}{300}} = 0.027$$

You can also use math in footnotes like this¹.

We will approximate standard error to 0.027 ²

¹where we mention $p = \frac{a}{b}$

² p is unknown but expected to be around $1/3$. Standard error will be approximated

$$SE = \sqrt{\frac{p(1-p)}{n}} \approx \sqrt{\frac{1/3(1-1/3)}{300}} = 0.027$$

Chapter 5

Applications

Some *significant* applications are demonstrated in this chapter.

5.1 Example one

5.2 Example two

Chapter 6

Final Words

We have finished a nice book.