

bm211-workshops

Dr Leighton Pritchard and Dr Morgan Feeney

2023-01-01

Table of contents

Preface to the 2023-24 presentation	3
1 Introduction	4
2 Summary	5
I Workshop 01	6
II Workshop 04	9
III Workshop 05	12
References	15

Preface to the 2023-24 presentation

Welcome to the 2023-24 edition of the BM211 computing workshops.

This is the first presentation of this material in this form, and we would be very grateful to hear feedback [by email](#) or through the [GitHub repository Issues page](#).

1 Introduction

This is a book created from markdown and executable code.

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

```
1 + 1
```

```
[1] 2
```

2 Summary

In summary, this book has no content whatsoever.

`1 + 1`

[1] 2

Part I

Workshop 01

Our goal in this computational workshop is to introduce some concepts in microbial ecology.

3

Part II

Workshop 04

Our goal in this workshop is to introduce you to handling and analysing CRISPR-Cas sequence data.

4

Part III

Workshop 05

Our goal in this workshop is to introduce you to producing and interpreting phylogenetic trees.

5

References

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