

# **Improving machine learning models for gut microbiome classification problems**

**and democratizing data science along the way**

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## Preface

This is a Quarto book.

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

# 1 Introduction

This is a book created from markdown and executable code.

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

## **2OptiFit: an improved method for fitting amplicon sequences to existing OTUs**

### **3 Democratizing data science with open curricula and user-friendly software tools**

#### **4Predicting *C. difficile* infection severity from the taxonomic composition of the gut microbiome**

## **5Discussion**

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>.