# process-models-workshop

The RoLE Team

5/2/2023

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# 1 Introduction

This is a quarto book project for creating materials for the second half of the MDBD workshop.

There is a list of planned sections in the "List of sections" chapter.

To add a new section, start from the "Template section". Open `template_section.qmd`, save-as, and populate it; then add it to the list of sections in `_quarto.yml`.

To update the Pages site, run `quarto render` from a local terminal. This will render the files to the `docs` directory. Then push, and GitHub pages will serve the site from `docs`.

# 2 Planned sections

# 3 Day 1

1. Theory/conceptual motivation for process models
2. Overview of process model space leading to RoLE
3. Introduction to RoLE
4. Getting started running simulations with RoLE
5. Using RoLE to develop and test theoretical intuition

# 4 Day 2

1. Process models for inference
2. Inference on empirical data
3. Reproducibility (sharing and archiving)
4. Wrap-up

# 5 Lesson template

## 5.1 Section title:

## 5.2 Key questions

*List 1-3 key questions to motivate this section of the workshop.*

## 5.3 Lesson objectives

*List 1-3 lesson objectives, filling in the prompt "After this section of the workshop, participants should be able to…."*

## 5.4 Planned exercises

*List planned activities for this section of the workshop. Examples could include (but not limited to) lectures, live-coding demos, breakout sessions, group discussions, etc.*

## 5.5 Supporting materials

*Describe, and where possible link to, lesson materials that will be needed for this section of the workshop. These could include code for live coding, code documentation, book chapters, videos/animations, etc.*

*For bonus points organize these according to whether they already exist or we need to create them!*

### 5.5.1 Extant

### 5.5.2 To create

## 5.6 Key points

*List 1-3 key takeaways from this section of the workshop.*