

# ETC5513: Collaborative and Reproducible Practices

## Assignment 1 Rubric

Michael Lydeamore

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### Repository Setup

- Commit made not through web interface (will be a message on commit if made through web): **1 point**
- Clear commit messages: Broad messages only get 1 point, detailed messages get **2 points**
- More than one commit: **1 point**
- All files needed to compile report: **2 points**. Deduct 1 if data file is missing, deduct 2 if more files are missing.

### Part B: Creating a reproducible report

#### Quarto Setup

YAML options must contain:

```
format:  
  pdf: default  
  html: default
```

or similar. They can have other options inside their PDF and HTML output formats, as long as both are specified.

**1 point**

### **R code chunk for library loading**

1 point: Having a chunk that loads libraries

1 point: Having `message: false`, `warning: false` and `echo: false` for the chunk.

Total: **2 points**

### **Introduction**

1 point: Keeping to 4 sentences

1 point: General sentence about the problem

1 point: Why the problem is a problem

1 point: Relevant to the chosen dataset

1 point: Structure of paragraph - sentences link together

Total: **5 points**

### **Research question**

1 point: Keeping to 4 sentences

2 points: Decent motivation

2 points: Relevant to dataset

### **Dataset introduction**

1 point: Link to the data (properly formatted)

1 point: Data description - variables, types, what cleaning done (if any), what the data is about

1 point: Table shows correctly with variable names

1 point: Caption

1 point: Cross-reference to table somewhere in text

Total: **5 points**

## Dataset Description

1 point: Must be a subsection (lower level header)

1 point: Screenshot of code included (either syntax is fine)

1 point: Code is sensible

1 point: `head` shows *only 2 rows of data*

1 point: Text includes # of observations and variables

Total: **5 points**

## Results

1 point: Maximum two figures that are showing in text

1 point: Captions on both figures

2 points: Bullet points describing what is in the figure and how it relates to the question

1 point: Cross-referenced in text.

Only deduct missing elements (caption, titles etc) *once* even if missing on both figures.

Total: **5 points**

## Additional:

### Template

- Default gets 1 point
- +1 point for choosing a template that isn't default
- +1 point for correct usage of headers and sections that are showing on the page
- Up to 2 points for other styling choices that *help*. Be strict with this, I don't expect many 5s here.

## Spelling and grammar

Up to -5. Use your discretion, -5 means almost unreadable grammar.

*If any students get -5 please let me know as they will need language support going forward.*

### **R code style**

Default here is 5 points, deduct for:

- Lack of indenting
- *Very* poor variable names
- Extremely long lines

### **Report quality**

Discretion needed here. Look at how the report flows. If elements of report block readability, deduct mark per.

For example, if code is being output that disrupts flow, that is -1 mark. If there is a broken cross-reference, -1 mark.

We're not expecting super polished research reports, but just a table and 2 plots with no linking comments is not a report.

**Maximum grade: 50 points**