Supplement to Example Manuscript Template for a Data Analysis Project

This shows some materials that could go into a supplementary file. Often you want/need references here too. You can use the same reference bib file for this and the main text (as done here) or have separate bib files.

For illustrative purposes, this uses PDF as output format. For this to work, you need a (La)TeX system installed. It's easy. Just follow these steps.

Of course you would choose the format based on needs.

I'm also using a different style for the references here, by specifying a different `csl` style file. Usually one would have the formatting of the references the same in those two documents, but I want to illustrate how easy it is to switch reference formatting styles, you just need to get the right CSL file and specify it in the YAML header. We could also have a seperate reference bibtext (`.bib`) file, but here we are using the same.

1 Overview

A quick overview of what readers can find in the supplement.

2 Code and file information

Explain here what each code/file is and does, and in which order (if any) users need to run things to reproduce everything. Essentially, give a full set of instructions to regenerate everything.

3 Additional Method Details

Often, the main manuscript only allows for an overview description of the methods. Use the supplement to describe all your methods, models and approaches in a lot of detail. Reference specific parts of your code as needed.

4 Additional results

Show additional results here. Those can be some useful exploratory/descriptive figures or tables, or results from additional analyses that didn't make it into the main text.

4.1 Example additional result

Table 1 shows an additional table summarizing a model fit.

Table 1: Another fit table.

term	estimate	std.error	statistic	p.value
(Intercept)	149.6997661	19.7518528	7.5790240	0.0001285
Weight	0.2277371	0.2708841	0.8407177	0.4282860

Figure 1 shows a scatterplot figure produced by one of the R scripts.

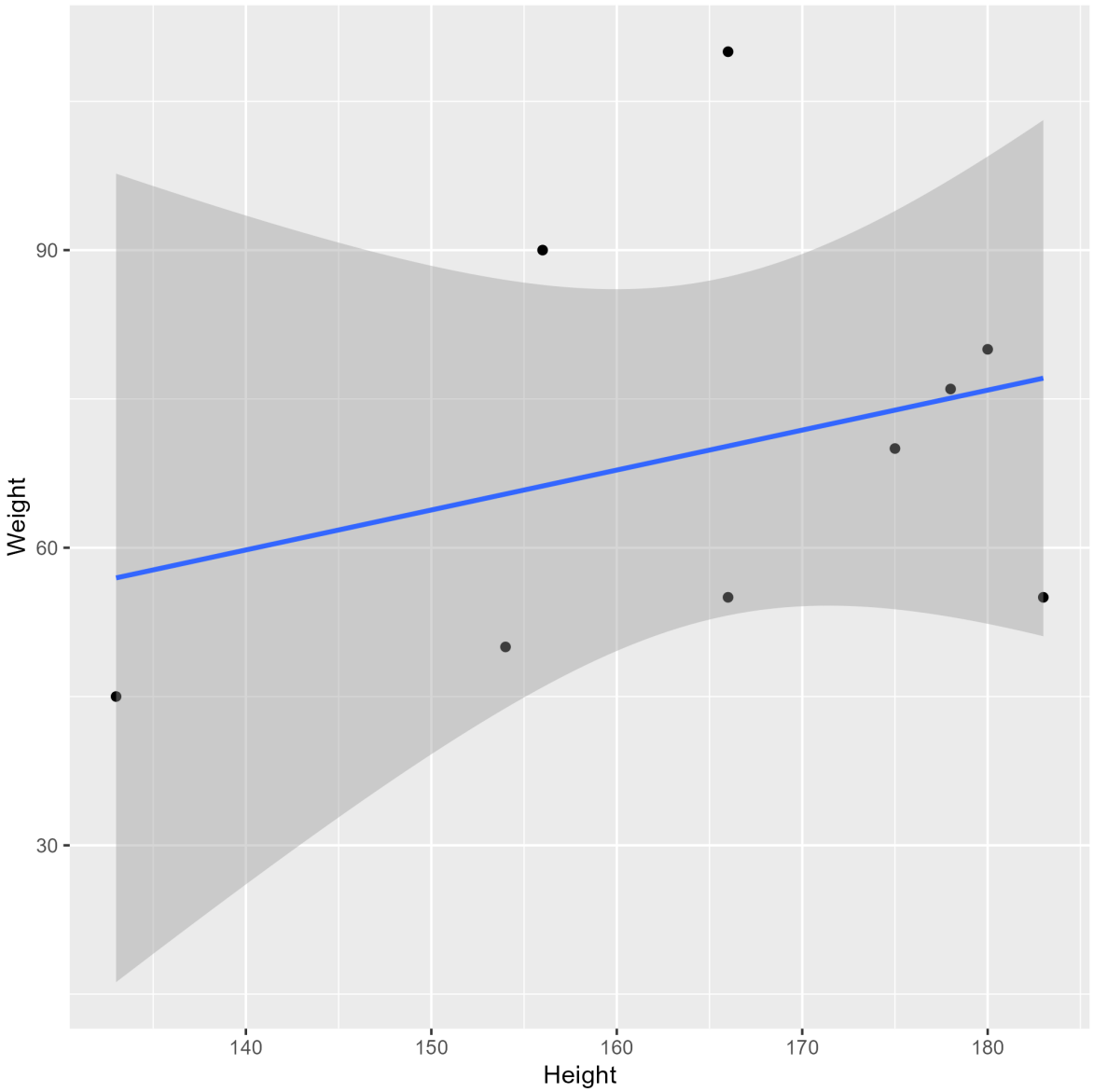

Figure 1: Height and weight.

5 Discussion

Any additional discussion regarding the supplementary material/findings.

These papers (McKay et al. 2020a, 2020b) are good examples of papers published using a fully reproducible setup similar to the one shown in this template.

References

McKay B, Ebell M, Billings WZ, Dale AP, Shen Y, Handel A. Associations Between Relative Viral Load at Diagnosis and Influenza A Symptoms and Recovery. Open forum infectious diseases. 2020 Nov a;7(11):ofaa494.

McKay B, Ebell M, Dale AP, Shen Y, Handel A. Virulence-mediated infectiousness and activity trade-offs and their impact on transmission potential of influenza patients. Proceedings Biological sciences. 2020 May b;287(1927):20200496.