Results

1.1 Citations

The usual way to include citations in an *R Markdown* document is to put references in a plain text file with the extension .bib, in **BibTex** format.¹ Then reference the path to this file in **index.Rmd**'s YAML header with bibliography: example.bib.

Most reference managers can create a .bib file with you references automatically. However, the **by far** best reference manager to use with *R Markdown* is Zotero with the Better BibTex plug-in, because the citr plugin for RStudio (see below) can read references directly from your Zotero library!

Here is an example of an entry in a .bib file:

```
@article{Shea2014,
  author =
                   {Shea, Nicholas and Boldt, Annika},
                   {Trends in Cognitive Sciences},
  journal =
  pages =
                   \{186 - -193\},
                   {{Supra-personal cognitive control}},
  title =
  volume =
                   {18},
                   {2014},
  year =
                   {10.1016/j.tics.2014.01.006},
  doi =
}
```

 $^{^1{\}rm The~bibliography~can~be~in~other~formats~as~well,~including~EndNote~(.enl)~and~RIS~(.ris), see rmarkdown.rstudio.com/authoring_bibliographies_and_citations.$

In this entry highlighed section, 'Shea2014' is the **citation identifier**. To default way to cite an entry in your text is with this syntax: [@citation-identifier]. So I might cite some things [@Shea2014; @Lottridge2012; @Mill1965].

1.1.1 Appearance of citations and references section (pandoc)

By default, oxforddown lets Pandoc handle how citations are inserted in your text and the references section. You can change the appearance of citations and references by specifying a CSL (Citation Style Language) file in the csl metadata field of index.Rmd. By default, oxforddown by the Americal Psychological Association (7th Edition), which is an author-year format.

With this style, a number of variations on the citation syntax are useful to know:

- Put author names outside the parenthesis
 - This: @Shea2014 says blah.
 - Becomes: @Shea2014 says blah.
- Include only the citation-year (in parenthesis)
 - This: Shea et al. says blah [-@Shea2014]
 - Becomes: Shea et al. says blah [-@Shea2014]
- Add text and page or chapter references to the citation
 - This: [see @Shea2014, pp. 33-35; also @Wu2016, ch. 1]
 - Becomes: Blah blah [see @Shea2014, pp. 33-35; also @Wu2016, ch. 1].

If you want a numerical citation style instead, try csl: bibliography/transactions-on-comput or just have a browse through the Zotero Style Repository and look for one you like. For convenience, you can set the line spacing and the space between the bibliographic entries in the reference section directly from the YAML header in index.Rmd.

If you prefer to use biblatex or natbib to handle references, see this chapter.

1.1.2 Insert references easily with RStudio's Visual Editor

For an easy way to insert citations, use RStudio's Visual Editor. Make sure you have the latest version of RStudio – the visual editor was originally really buggy, especially in relation to references, but as per v2022.02.0, it's great!

1.2 Cross-referencing

We can make cross-references to **sections** within our document, as well as to **figures** (images and plots) and **tables**.

The general cross-referencing syntax is \@ref(label)

1.2.1 Section references

Headers are automatically assigned a reference label, which is the text in lower caps separated by dashes. For example, # My header is automatically given the label my-header. So # My header can be referenced with \@ref(my-section)

Remember what we wrote in section 1.1?

We can also use **hyperlink syntax** and add # before the label, though this is only guaranteed to work properly in HTML output:

- So if we write Remember what we wrote up in [the previous section] (#citations)?
- It becomes Remember what we wrote up in the previous section?

Creating custom labels

It is a very good idea to create **custom labels** for our sections. This is because the automatically assigned labels will change when we change the titles of the sections - to avoid this, we can create the labels ourselves and leave them untouched if we change the section titles.

We create custom labels by adding {#label} after a header, e.g. # My section {#my-label}. See our chapter title for an example. That was section 1.



Figure 1.1: A marvel-lous meme

1.2.2 Figure (image and plot) references

- To refer to figures (i.e. images and plots) use the syntax \@ref(fig:label)
- GOTCHA: Figures and tables must have captions if you wish to cross-reference them.

Let's add an image:

knitr::include_graphics("figures/sample-content/captain.jpeg")

We refer to this image with \@ref(fig:captain). So Figure 1.1 is this image. And in Figure ?? we saw a cars plot.

1.2.3 Table references

• To refer to tables use the syntax \@ref(tab:label)

Let's include a table:

Table 1.1: Stopping cars

speed	dist	
4	2	
4	10	
7	4	
7	22	
8	16	

We refer to this table with \@ref(tab:cars-table2). So Table 1.1 is this table.

And in Table ?? we saw more or less the same cars table.

1.2.4 Including page numbers

Finally, in the PDF output we might also want to include the page number of a reference, so that it's easy to find in physical printed output. LaTeX has a command for this, which looks like this: \pageref{fig/tab:label} (note: curly braces, not parentheses)

When we output to PDF, we can use raw LaTeX directly in our .Rmd files. So if we wanted to include the page of the cars plot we could write:

- This: Figure \@ref(fig:cars-plot) on page \pageref(fig:cars-plot)
- Becomes: Figure ?? on page ??

Include page numbers only in PDF output

A problem here is that LaTeX commands don't display in HTML output, so in the gitbook output we'd see simply "Figure ?? on page".

One way to get around this is to use inline R code to insert the text, and use an ifelse statement to check the output format and then insert the appropriate text.

So this: `r ifelse(knitr::is_latex_output(), "Figure \\Oref(fig:cars-plot))
 on page \\pageref{fig:cars-plot}", "")`

• Inserts this (check this on both PDF and gitbook): Figure ?? on page ??

Note that we need to escape the backslash with another backslash here to get the correct output.

1.3 Collaborative writing

Best practices for collaboration and change tracking when using R Markdown are still an open question. In the blog post **One year to dissertate** by Lucy D'Agostino, which I highly recommend, the author notes that she knits .Rmd files to a word document, then uses the googledrive R package to send this to Google Drive for comments / revisions from co-authors, then incorporates Google Drive suggestions by hand into the .Rmd source files. This is a bit clunky, and there are ongoing discussions among the R Markdown developers about what the best way is to handle collaborative writing (see issue #1463 on GitHub, where CriticMarkup is among the suggestions).

For now, this is an open question in the community of R Markdown users. I often knit to a format that can easily be imported to Google Docs for comments, then go over suggested revisions and manually incorporate them back in to the .Rmd source files. For articles, I sometimes upload a near-final draft to Overleaf, then collaboratively make final edits to the LaTeX file there. I suspect some great solution will be developed in the not-to-distant future, probably by the RStudio team.

1.4 Additional resources

- R Markdown: The Definitive Guide https://bookdown.org/yihui/rmark down/
- R for Data Science https://r4ds.had.co.nz

This chapter describes a number of additional tips and tricks as well as possible customizations to the oxforddown thesis.

1.5 Chunk caching and the _bookdown_files folder

If you set cache=TRUE in a code chunk, in order to cache its results if it's time-consuming to run see the R Markdown documentation, then the files for the caching are stored in the **_bookdown_files** folder.

If you don't use caching and you would like to just have the **_bookdown_files** folder deleted after the build process is complete, then set allow_cache = FALSE in index.Rmd's call to knit_thesis.

That is, your YAML should then look like this:

```
knit: (function(input, ...) {
    thesis_formats <- "pdf";

    source("scripts_and_filters/knit-functions.R");
    knit_thesis(input, thesis_formats, allow_cache = FALSE, ...)
})</pre>
```

1.6 Front matter

1.6.1 Shorten captions shown in the list of figures (PDF)

You might want your list of figures (which follows the table of contents) to have shorter (or just different) figure descriptions than the actual figure captions.

Do this using the chunk option fig.scap ('short caption'), for example {r captain-image, fig.cap="A very long and descriptive (and potentially boring) caption that doesn't fit in the list of figures, but helps the reader understand what the figure communicates.", fig.scap="A concise description for the list of figures"

1.6.2 Shorten captions shown in the list of tables (PDF)

You might want your list of tables (which follows the list of figures in your thesis front matter) to have shorter (or just different) table descriptions than the actual table captions.

If you are using knitr::kable to generate a table, you can do this with the argument caption.short, e.g.:

1.7 Shorten running header (PDF)

You might want a chapter's running header (i.e. the header showing the title of the current chapter at the top of page) to be shorter (or just different) to the actual chapter title.

Do this by adding the latex command \chaptermark{My shorter version} after your chapter title.

For example, chapter 1's running header is simply 'Cites and cross-refs', because it begins like this:

```
# Citations, cross-references, and collaboration {#cites-and-refs}
\chaptermark{Cites and cross-refs}
```

1.8 Unnumbered chapters

To make chapters unnumbered (normally only relevant to the Introduction and/or the Conclusion), follow the chapter header with {-}, e.g. # Introduction {-}.

When you do this, you must also follow the heading with these two latex commands:

```
\adjustmtc
\markboth{The Name of Your Unnumbered Chapter}{}
```

Otherwise the chapter's mini table of contents and the running header will show the previous chapter.

1.9 Beginning chapters with quotes (PDF)

The OxThesis LaTeX template lets you inject some wittiness into your thesis by including a block of type savequote at the beginning of chapters. To do this, use the syntax ```{block type='savequote'}.2

Add the reference for the quote with the chunk option quote_author="my author name". You will also want to add the chunk option include=knitr::is_latex_output() so that quotes are only included in PDF output.

It's not possible to use markdown syntax inside chunk options, so if you want to e.g. italicise a book name in the reference use a 'text reference': Create a named piece of text with '(ref:label-name) My text', then point to this in the chunk option with quote_author='(ref:label-name)'.

1.10 Highlighting corrections (HTML & PDF)

For when it comes time to do corrections, you may want to highlight changes made when you submit a post-viva, corrected copy to your examiners so they can quickly verify you've completed the task. You can do so like this:

1.10.1 Short, inline corrections

Highlight short, inline corrections by doing [like this] {.correction} — the text between the square brackets will then be highlighted in blue in the output.

Note that pandoc might get confused by citations and cross-references inside inline corrections. In particular, it might get confused by "[what @Shea2014 said]{.correction}" which becomes what @Shea2014 said In such cases, you can use LaTeX syntax directly. The correction highlighting uses the soul package, so you can do like this:

 $^{^2}$ For more on custom block types, see the relevant section in *Authoring Books with R Markdown*.

- If using biblatex for references, use "\hl{what \textcite{Shea2014} said}
- If using natbib for references, use "\hl{what \cite{Shea2014} said}

Using raw LaTeX has the drawback of corrections then not showing up in HTML output at all, but you might only care about correction highlighting in the PDF for your examiners anyway!

1.10.2 Blocks of added or changed material

Highlight entire blocks of added or changed material by putting them in a block of type correction, using the syntax ```{block type='correction'}.3 Like so:

For larger chunks, like this paragraph or indeed entire figures, you can use the correction block type. This environment **highlights paragraph-sized and larger blocks** with the same blue colour.

Note that correction blocks cannot be included in word output.

1.10.3 Stopping corrections from being highlighted

To turn off correction highlighting, go to the YAML header of **index.Rmd**, then:

- PDF output: set corrections: false
- HTML output: remove or comment out templates/corrections.css

1.11 Apply custom font color and highlighting to text (HTML & PDF)

The lua filter that adds the functionality to highlight corrections adds two more tricks: you can apply your own choice of colour to highlight text, or change the font color. The syntax is as follows:

³In the .tex file for PDF output, this will put the content between \begin{correction} and \end{correction}; in gitbook output it will be put between <div class="correction"> and </div>.

```
Here's [some text in pink highlighting] {highlight="pink"} Becomes: Here's some text in pink highlighting.
```

```
[Here's some text with blue font] {color="blue"} Becomes: Here's some text with blue font
```

Finally — never, ever actually do this — [here's some text with black highlighting and yellow font] {highlight="black" color="yellow"} Becomes: here's some text with black highlighting and yellow font

The file scripts_and_filters/colour_and_highlight.lua implements this, if you want to fiddle around with it. It works with both PDF and HTML output.

1.12 Adding a second abstract (PDF)

You may need two abstracts in your thesis, if you e.g. need both an abstract in English and some other language.

You can add a second abstract in index.Rmd like so:

```
abstract-second-heading: "Resumé"
abstract-second: "This is the second abstract, for example in

→ beautiful French."
```

1.13 Including another paper in your thesis - embed a PDF document

You may want to embed existing PDF documents into the thesis, for example if your department allows a 'portfolio' style thesis and you need to include an existing typeset publication as a chapter.

In gitbook output, you can simply use knitr::include_graphics and it should include a scrollable (and downloadable) PDF. You will probably want to set the chunk options out.width='100%' and out.height='1000px':

In LaTeX output, however, this approach can cause odd behaviour. Therefore, when you build your thesis to PDF, split the PDF into an alphanumerically sorted sequence of single-page PDF files (you can do this automatically with the package pdftools). You can then use the appropriate LaTeX command to insert them, as shown below (for brevity, in the oxforddown PDF sample content we're only including two pages). Note that the chunk option results='asis' must be set. You may also want to remove margins from the PDF files, which you can do with Adobe Acrobat (paid version) and likely other software.

```
# install.packages(pdftools)
# split PDF into pages stored in
→ figures/sample-content/pdf_embed_example/split/
   pdftools::pdf_split("figures/sample-content/pdf_embed_example/Lyngs2020_FB.pd
         output =
    "figures/sample-content/pdf_embed_example/split/")
# grab the pages
pages <-
→ list.files("figures/sample-content/pdf embed example/split",

    full.names = TRUE)

# set how wide you want the inserted PDFs to be:
# 1.0 is 100 per cent of the oxforddown PDF page width;
# you may want to make it a bit bigger
pdf width <- 1.2
# for each PDF page, insert it nicely and
# end with a page break
cat(stringr::str_c("\\newpage \\begin{center}
→ \\makebox[\\linewidth][c]{\\includegraphics[width=", pdf_width,

¬ "\\linewidth]{", pages, "}} \\end{center}"))
```

'I Just Want to Hack Myself to Not Get Distracted': Evaluating Design Interventions for Self-Control on Facebook

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ABSTRACT

Beyond being the world's largest social network, Facebook is for many also one of its greatest sources of digital distraction. For students, problematic use has been associated with negative effects on academic achievement and general wellbeing. To understand what strategies could help users regain control, we investigated how simple interventions to the Facebook UI affect behaviour and perceived control. We assigned 58 university students to one of three interventions: goal reminders, removed newsfeed, or white background (control). We logged use for 6 weeks, applied interventions in the middle weeks, and administered fortnightly surveys. Both goal reminders and removed newsfeed helped participants stay on task and avoid distraction. However, goal reminders were often annoying, and removing the newsfeed made some fear missing out on information. Our findings point to future interventions such as controls for adjusting types and amount of available information, and flexible blocking which matches individual definitions of 'distraction'.

Author Keywords

Facebook; problematic use; self-control; distraction; ICT non-use; addiction; focus; interruptions

CCS Concepts

•Human-centered computing \rightarrow Empirical studies in HCI:

INTRODUCTION

Research on 'Problematic Facebook Use' (PFU) has investigated correlations between Facebook use and negative effects on outcomes such as level of academic achievement [35] and subjective wellbeing [58, 57]. A cross-cutting finding is that negative outcomes are associated with difficulty at exerting self-control over use, as well as specific use patterns including viewing friends' wide-audience broadcasts rather than receiving targeted communication from strong ties [13, 58].

Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for third-party components of this work must be honored. For all other uses, contact the owner/author(s).

For an other uses, contact the owner/author(s). CHI '20, April 25–30, 2020, Honolulu, HI, USA. © 2020 Copyright is held by the author/owner(s). ACM ISBN 978-1-4503-6708-0/20/04. http://dx.doi.org/10.1145/3313831.3376672 Much of this work has focused on self-control over Facebook use in student populations [2, 44, 46], with media multitasking research finding that students often give in to use which provides short-term 'guilty pleasures' over important, but aversive academic tasks [76, 88, 60]. In the present paper, we present a mixed-methods study exploring how two interventions to Facebook — goal reminders and removing the newsfeed — affect university students' patterns of use and perceived control over Facebook use. To triangulate self-report with objective measurement, our study combined usage logging with fortnightly surveys and post-study interviews.

We found that both interventions helped participants stay on task and use Facebook more in line with their intentions. In terms of use patterns, goal reminders led to less scrolling, fewer and shorter visits, and less time on site, whereas removing the newsfeed led to less scrolling, shorter visits, and less content 'liked'. However, goal reminders were often experienced as annoying, and removing the newsfeed made some participants fear missing out on information. After the study, participants suggested a range of design solutions to mitigate self-control struggles on Facebook, including controls for filtering or removing the newsfeed, reminders of time spent and of use goals, and removing features that drive engagement. As an exploratory study, this work should be followed by confirmatory studies to assess whether our findings replicate, and how they may generalise beyond a student population.

RELATED WORK

Struggles with Facebook use

Whereas many uses of Facebook offer important benefits, such as social support, rapid spread of information, or facilitation of real-world interactions [78], a substantial amount of research has focused on negative aspects [58]. For example, studies have reported correlations between patterns of Facebook use and lower academic achievement [77, 86], low self-esteem, depression and anxiety [51], feelings of isolation and loneliness [2], and general psychological distress [15]. Such 'Problematic Facebook Use' (PFU) has been studied under various names (including 'Facebook dependence' [87] and 'Facebook addiction' [5]), but a recent review summarised a common definition as 'problematic behaviour characterised by addictive-like symptoms and/or self-regulation difficulties related to Facebook use leading to negative consequences in personal and social life' [58].

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1.14 Including another paper in your thesis - R Markdown child document

Sometimes you want to include another paper you are currently writing as a chapter in your thesis. Above 1.13, we described the simplest way to do this: include the other paper as a pdf. However, in some cases you instead want to include the R Markdown source from this paper, and have it compiled within your thesis. This is a little bit more tricky, because you need to keep careful track of your file paths, but it is possible by including the paper as a child document. There are four main steps:

- 1. Include the paper as a child document
- 2. Make file paths compatible with knitting the article on its own, as well as when it's include in your thesis
- 3. Make header levels correct
- 4. Make figure widths correct

1.14.1 An example paper in another folder

Take this simple example (files for this are in this GitHub repository):

```
|--paper_to_include
| |--my_paper.Rmd
| |--data
| | |--cat_salt.csv
| |--figures
| | |--cat.jpg
|
```

As the chart suggests, you have another folder, paper_to_include/ living in the same containing folder as your thesis folder. In the paper_to_include folder, the file my_paper.Rmd is where you write the paper. In my_paper.Rmd, you read in a CSV file found in the subfolder data/cats.csv, and also an image from the subfolder figures/cat.jpg.

1.14.2 Step 1: Include paper as a child document

In your thesis folder, create an Rmd file for the chapter where you want to include another paper. Add one or more code chunks that include R Markdown files from that paper as child documents:

```
# Including an external chapter

'``{r child = "../paper_to_include/my_paper.Rmd"}

'```
```

1.14.3 Step 2: Make file paths compatible

Use parameters to adjust the file path of images based on values you set in the YAML header of an R Markdown file. In **my_paper.Rmd**, create a parameter called **other_path** and set it to an empty string:

```
title: "A fabulous article in a different folder"
params:
   other_path: ""
---
```

In my_paper.Rmd, put this at the start of the filepath when you read in data or include images:

```
library(tidyverse)
library(knitr)

cat_data <- read_csv(str_c(params$other_path, "data/cats.csv"))
include_graphics(str_c(params$other_path, "figures/cat.jpg"))</pre>
```

Finally, in your thesis folder's **index.Rmd** file, also create the parameter **other_path**. But here, set it to where the **paper_to_include**/ folder is relative to your thesis folder:

```
params:
   other_path: "../paper_to_include/"
```

Note on HTML output

Note that if you want to host an HTML version on your thesis online, you will need to include graphics in the content that you host online - the internet obviously won't be able to see filepaths that are just referring to stuff in another folder on your computer!

1.14.4 Step 3: Make sure header levels are correct

Unless the paper you want to include is also written as a book, your header levels are probably going to be off. That is, the level 1 headers (# Some header) you use for main sections in the other paper turns into chaper titles when included in your thesis.

To avoid this, first increment all heading levels by one in paper_to_include/my_paper.Rmd (# Some header -> ## Some header). Then in paper_to_include/ create a lua filter that decrements header levels by one: Create a text file, save it as reduce_header_level.lua, and give it the content below.

```
function Header(el)
  if (el.level <= 1) then
    error("I don't know how to decrease the level of h1")
  end
  el.level = el.level - 1
  return el
end</pre>
```

In the YAML header of paper_to_include/my_paper.Rmd, use this filter:

```
title: "A fabulous article in a different folder"
params:
   other_path: ""
output:
   pdf_document:
      pandoc_args: ["--lua-filter=reduce_header_level.lua"]
```

Now, your header levels will be correct both when you knit the paper on its own and when its included in your thesis.

NOTE: There might be no need to use a lua filter to shift heading - it seems you could simply use pandoc_args: ["--shift-heading-level-by=-1"] (see https://pandoc.org/MANUAL.html#reader-options)

1.14.5 Step 4. Make sure figure widths are correct

It might be that your figure widths when knitting your paper on its own, and when including it in your thesis, need to be different. You can again use parameters to set figure widths.

Imagine you want figure width to be 80% of the page width when knitting your paper on its own, but 100% in your thesis. In paper_to_include/my_paper.Rmd, first add a parameter we could call out_width and set it to the string "80%":

```
title: "A fabulous article in a different folder"
params:
   other_path: ""
   out_width: "80%"
output:
   pdf_document:
     pandoc_args: ["--lua-filter=reduce_header_level.lua"]
```

Then, make sure use that parameter to set the output width when you include figures in **paper_to_include/my_paper.Rmd**:

```
```{r, out.width=params$out_width, fig.cap="A very funny cat"}
include_graphics(str_c(params$other_path, "figures/cat.jpg"))
...
```

Finally, create the parameter out\_width in your thesis' index.Rmd file:

```
params:
 other_path: "../paper_to_include/"
 out_width: "80%"
```

Now, the output width of your figure will be 80% when knitting your paper on its own, and 100% when knitting it as child document of your thesis.

# 1.15 Customizing citations and referencing

# 1.15.1 Using a .csl file with pandoc

See section 1.1.1.

The only drawbacks to letting pandoc handle citations is that (i) it does not support chapter bibliographies, (ii) if you're a LaTeX veteran, you might be more comfortable with biblatex or natbib.

# 1.15.2 Using biblatex

To use biblatex to handle citations, first uncomment this in **index.Rmd**, YAML header:

Then tell R Markdown to use biblatex when inserting citations, by setting citation\_package: biblatex:

```
output:
bookdown::pdf_book:
 citation_package: biblatex
```

To customise the appearance of citations, change bib-latex-options. For example, to get **numerical citations**, with references in order of their appearance in the text, set it to

```
\begin{array}{lll} \mbox{bib-latex-options:} & "style=numeric-comp, sorting=none, \\ & \rightarrow & backend=biber, maxcitenames=2, useprefix, doi=true, isbn=false, \\ & \rightarrow & uniquename=false" \end{array}
```

#### Adding chapter bibliographies

If you would like chapter bibliographies, first add "refsection=chapter" to the biblatex options, for example like this:

```
bib-latex-options: "refsection=chapter, style=authoryear,

→ sorting=nyt, backend=biber, maxcitenames=2, useprefix,

→ doi=true, isbn=false, uniquename=false"
```

Second, set the parameter insertHeadingInPDF: false in index.Rmd, to suppress the inclusion of a 'References' heading at the end of the thesis.

```
params:
 insertHeadingInPDF: false
```

Finally insert this line at the end of each chapter, to print the bibliographies there:

\printbibliography[segment=\therefsection,heading=subbibliography]

#### 1.15.3 Using natbib

To use natbib to handle citations, first uncomment this in **index.Rmd**, YAML header:

```
use-natbib: true natbib-citation-style: authoryear #for science, you might want \rightarrow numbers, square natbib-bibliography-style: templates/ACM-Reference-Format.bst #e.g. \rightarrow "plainnat", unsrtnat, or path to a .bst file
```

Then tell R Markdown to use natbib when inserting citations, by setting citation\_package: natbib:

```
output:
 bookdown::pdf_book:
 citation_package: natbib
```

To customise the appearance of citations, change what .bst file you point to in natbib-bibliography-style.

# 1.16 Customizing the page headers and footers (PDF)

This can now be done directly in **index.Rmd**'s YAML header. If you are a LaTeX expert and need further customisation that what's currently provided, you can tweak the relevant sections of **templates/template.tex** - the relevant code is beneath the line that begins \usepackage{fancyhdr}.

# 1.17 Diving in to the OxThesis LaTeX template (PDF)

For LaTeX minded people, you can read through templates/template.tex to see which additional customisation options are available as well as templates/ociamthesis.cls which supplies the base class. For example, template.tex provides an option for master's degree submissions, which changes identifying information to candidate number and includes a word count. At the time of writing, you must set this directly in template.tex rather than from the YAML header in index.Rmd.

# 1.18 Customising to a different university

#### 1.18.1 The minimal route

If the front matter in the OxThesis LaTeX template is suitable to your university, customising oxforddown to your needs could be as simple as putting the name of your institution and the path to your university's logo in **index.Rmd**:

university: University of You university-logo: figures/your-logo-here.pdf

# 1.18.2 Replacing the entire title page with your required content

If you have a .tex file with some required front matter from your university that you want to replace the OxThesis template's title page altogether, you can provide

a filepath to this file in **index.Rmd**. oxforddown's sample content includes and example of this — if you use the YAML below, your front matter will look like this:

#### alternative-title-page:

→ front-and-back-matter/alt-title-page-example.tex

Title of your Thesis		Title of your thesis John Doe
John Dee	Thesis committee  Presentator: Prof. 2 J. Smith Printener CG Son-information Science and Remote Sensing Printener CG Son-information Science and Remote Sensing Printener CG Son-information Science and Remote Sensing Washington University University Other armscher: University Other armscher: Prof. 2 Senson sension 2 Addition Prof. 2 Senson sension 2 Addition Printener Committee Commit	submitted in follower of the flavour for the degree of ductor at Waganiagen University by the subscript of the Briters Mangadiens by the subscript of the Briters Mangadiens in the presence of the Thesis Committee againsted by the Audomit Brand on Date of your defines at 4 pm. in the Audo.
John Daw Tile of your thesis T7 pages FIRI Index, Waganingen University, Waganingen, NL (2015) Willed States, Waganingen in English SIN XXX-YYY	For Yibni Xie	Acknowledgements  This is where you will normally thank your advisor, olleagens, family and friends, as will as funding and institutional appears. In our case, we will give our pushes to the people who developed the olders and that that allow us to push open actions and the second of the control of the co