Notes for Paul

1. There is now a new github repository : intervention bookdown2.

I was getting worried that the original one had got very messy, with so many changes of order and filename, and I knew from prior experience that deleting files from Github created havoc with the r studio link. In fact, I've now found that if you push deleted files from r studio (with little red square against them) that deletes them on Github, so I need not have worried. But anyhow, please only work with the new repository - which is rather better organised now that I understand bookdown better. For instance, all images are in Images folder.

2. V pleased to discover that with bookdown installed there is a command:

preview-chapter("01-index.rmd")

that can be used with each chapter as you go through - really helpful for checking.

3. In the end I put the Observational chapter back to the beginning but I made it much clearer that we're not covering analysis of this kind of study - it's more there to explain why it's not a good way of evaluating interventions because there's lots of biases we need to control for. I think we could still have distinct sections, but I've removed section markers for now as I think we can do that at the end, once we are agreed how best to do this.

4. I've done a work-around for custom blocks. I'd prefer something else but I didn't want to spend ages on this - the explanations in the bookdown manual were not straightforward and there seemed to be various things you needed to install to make it work. Accordingly, I've just created a thin blue line (In Images folder) that I put above and below the text, then there is a level 4 heading - I tried to work out how to centre this but failed, but it should be possible to specify at the outset that all h4 are centred. I then just specify a different font size for the block and use the <code> command so it appears against grey background. It's fiddly and I would prefer to replace with something like a block of text with a coloured background if we can work out how to do that, but for now it works to separate some of the more tech stuff from the rest. It may be possible to work out a better solution by just looking at other bookdown books and finding something to copy, but my impression was you had to get into latex etc to make things work.

So the code is:

```{r, fig.align="center", echo=FALSE}

knitr::include\_graphics("images/paleblueline.png")

```

#### title of block here{-}

<p style="font-family: Times;font-size: 14px"><code>Body of text here</code></p>

```{r, fig.align="center", echo=FALSE}

knitr::include\_graphics("images/paleblueline.png")

```

5. I'm using bib.text created from my Zotero for references, so I'll add any new ones there - just put the reference of anything new in the text and I can pull it in. Ideally I'd like to cite only sources that can be readily obtained online, though that's not always easy.

I would definitely recommend that you try Zotero - I am v impressed with it. You can just type in new references with specific fields, but very often you can import them direct from pubmed or a journal website by a single click from an app linked to your browser (I use Firefox) - this not only populates all the reference fields, but it also will find and save the pdf if it can, with the reference, so saves a lot of time. The Firefox app sometimes fails to get the fields right but I'd say 80% of the time it works well and you can immediately see if it has worked. And then it's just a single click to export selected references to bib.text - and you can choose the shortcut name for the records - I had chosen just author19xx format, but you could choose Author\_19xx or anything else

6. I think you already had this worked out, but :

to cite a chapter (where chapter name specified in {#} on first line

Chapter \@ref(chaptername)

To cite a figure of table - this only works if fig.caption or tab.caption is set in the 1st line of the block of code, and then figname or tabname is the name of the code chunk

Figure \@ref(fig:figname)

Table \@ref(tab:tabname)

However, this does not always work and I can't work out why it fails on occasion. But I've left that for now.

7.

If you want a figure or table that is \*not\* numbered in sequence, just omit caption in header.

If you want a heading that is not numbered, add {-} after the text (needed for custom blocks)

8. We'll need to agree on overall style - eg when to use bold or italic, etc. I have used double quotes as quotation marks, because they avoid the problems you can get if you have apostrophes within titles etc.

References to look at

**https://educationendowmentfoundation.org.uk/tools/diy-guide/getting-started/**