

Cai McCann | Homework_1 | 1/15/2020

1. Make sure everything is set up and working on the laptop that you will be using for this course (most current versions of R and RStudio, tinytex package, Typora (a markdown editor), Notepad++, GitHub account)
2. Learn markdown in Typora.
3. Create a typora document to illustrate the following formatting:
 - headers (levels 1-6)
 - unordered lists
 - ordered lists
 - manual line breaks
 - links
 - images
 - block quotes
 - plain code blocks
 - R code blocks
 - in line block
 - in line LaTeX equation
 - centered LaTeX equation
 - horizontal rule
 - simple table

Headers

Header

header

header

header

header

header

Unordered list

- unordered lists
- underordered lists
 - subset unordered list

Manual line break

^that was a manual line break

Links

<https://lvash.github.io/Bio381/>

[a very useful website](#)

Images



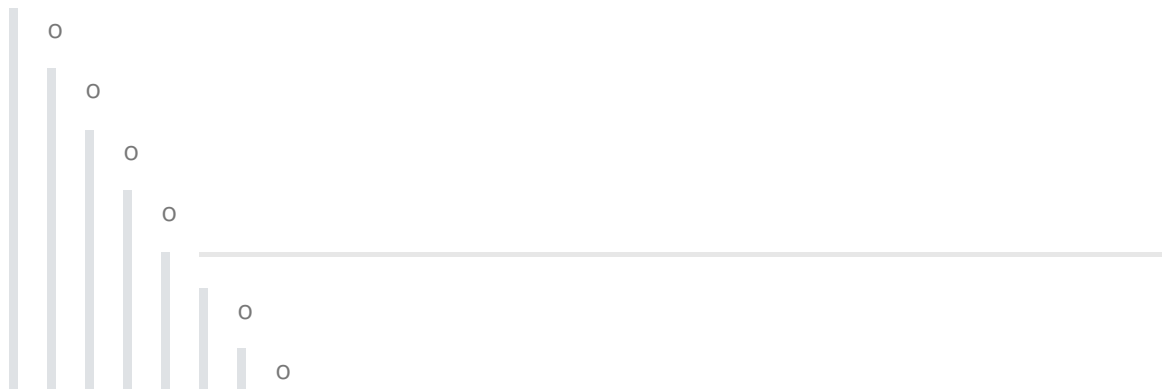
Block quotes

In this first paragraph, it should be noted that Blockquote is a 10 letter word.

I did another sideways carat for fun.

This is another, second paragraph just for the heck of it.

I separated out the blockquote just now, using the enter button multiple times to exit from each block quote.



Code blocks...

(Fenced) Code Blocks == Plain code blocks

```
I just made a blank box (similar to a text box)--need 6 back ticks ` or you can use tildas ~
```

Code span // non "pre-formatted code block"? == In line blocks

```
printf()
```

```
maybe?
```

```
insert text between backtick quotes
```

```
function test() {console.log("notice the blank line before this function?");}
```

R code block

** this is coded for R language specifically*

LaTeX equation fun

In line LaTeX equation

$$z_{n+1} = z * n^2 + c$$

Centered LaTeX equation

$$z_{n+1} = z * n^2 + c$$

Horizontal rule



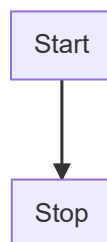
Simple table

First header	Second Header
this is one sleek looking table :)	

Diagrams!

* *This is in Mermaid*

We ran through some examples together in class



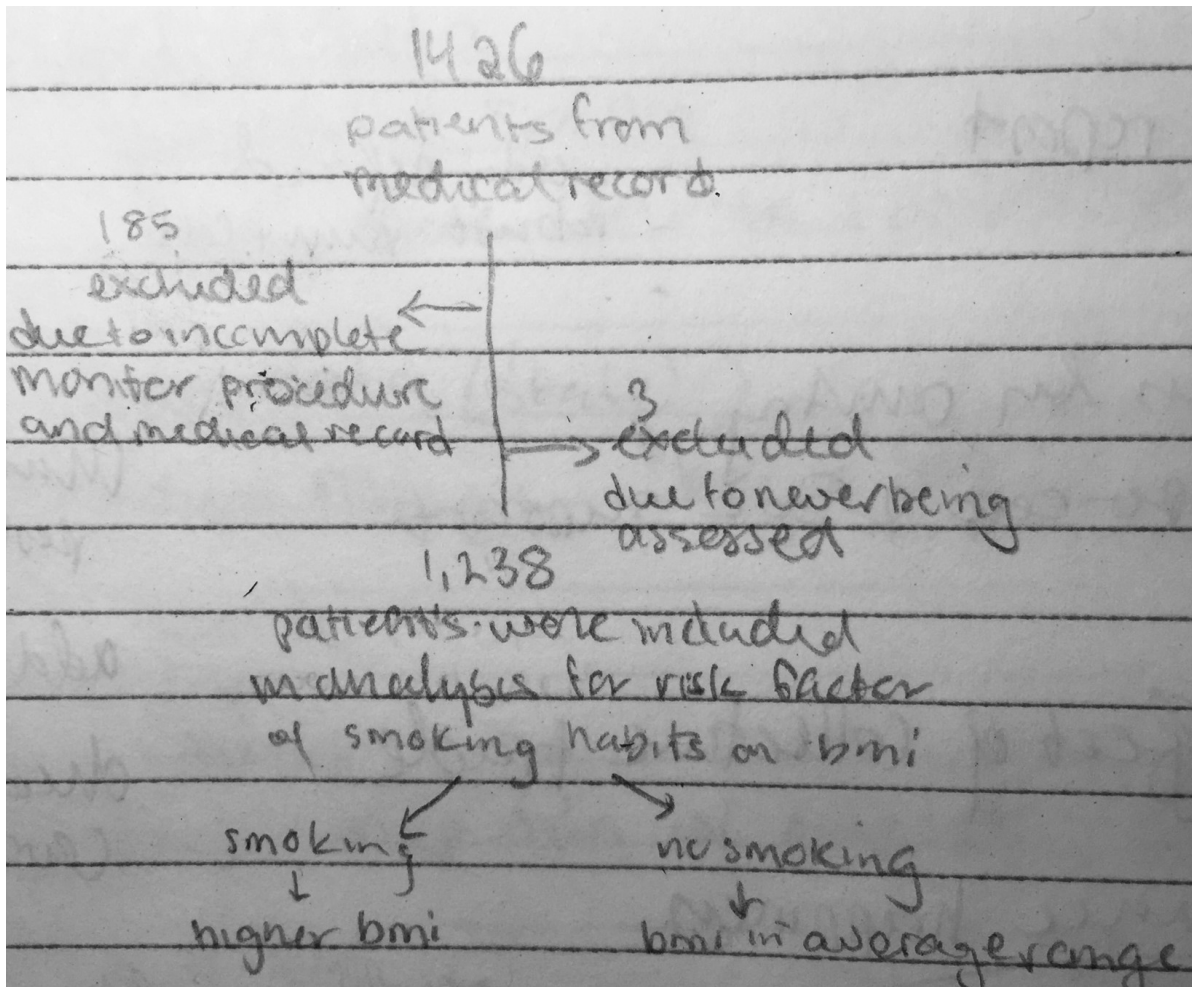
4 - 9.

- create simple cause-and-effect diagram to illustrate one or two hypotheses from your research. Circles represent variables or measurements. Arrows (which can be labelled) indicate cause and effect directions.
- import the image into your Typora document.
- convert your hand-drawn flowchart into one of these display items and imbed it in your Typora document.

- explore themes and save results

Ok, now my attempt:

□ Before:



□ After:

