

Including D3 in final project

Option 1: Link to blockbuilder.org or similar

+: simple and straightforward

-: requires an extra click to see interactive part

Including D3 in .Rmd files

Option 2: everything in .Rmd

```
<style>
...
</style>

<svg>
...
</svg>

<script src="http://d3js.org/d3.v5.min.js"></script>
<script>
...
</script>
```

(Don't need <html>, <head>, <body> tags.)

Including D3 in .Rmd files

Option 2: everything in .Rmd

+: everything is in one document

-: must knit the document to view html (it's very fast without R code but still...)

Including D3 in .Rmd files

Option 3: separate .js file, practice on standalone .html file

RMD FILE

```
<script src="http://d3js.org/d3.v5.min.js"></script>  
  
<div id="svgwhere"></div>  
  
<script src="myjs.js"></script>
```

STANDALONE HTML FILE (for testing only)

```
<script src="http://d3js.org/d3.v5.min.js"></script>  
  
<div id="svgwhere"></div>  
  
<script src="myjs.js"></script>
```

myjs.js

```
d3.select("svgwhere")  
  .append("svg")  
  ...
```

+: no need to
render document
to see HTML

Including D3 in .Rmd files

**Option 4: separate .html file,
include in .Rmd with <iframe>**

RMD FILE

```
<iframe src="mybarchart.html" width="400" height="300"></iframe>
```

FULL HTML FILE



+: work on HTML separate and then
embed in .Rmd file