

Subchallenge 1 Report

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load libraries

```
library(knitr)
```

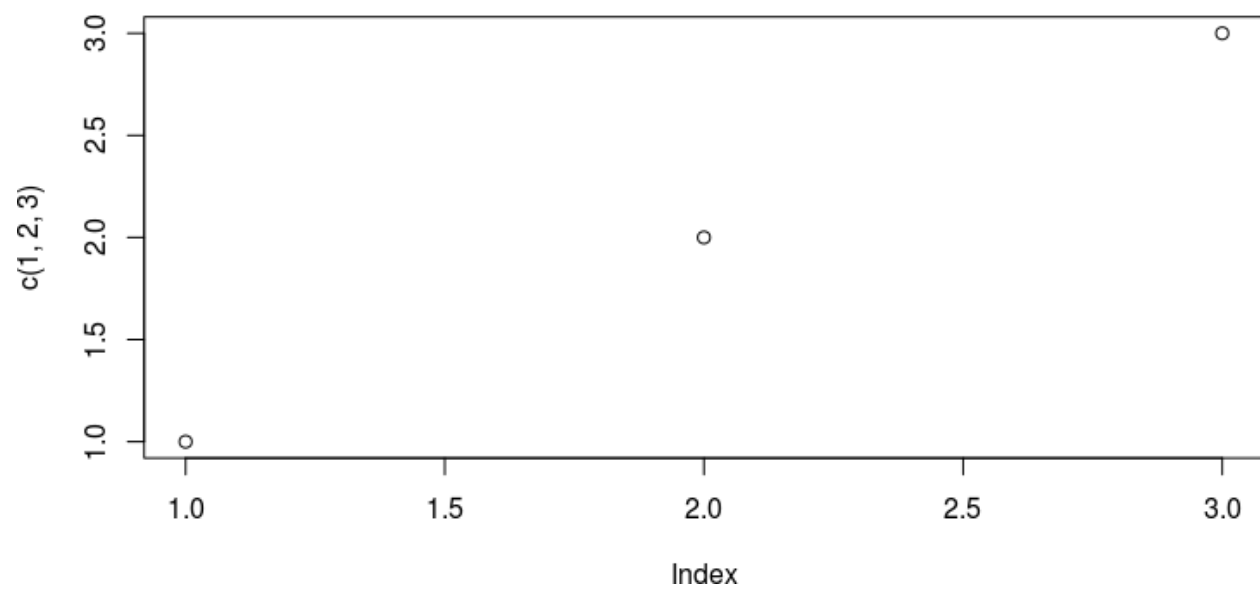
set global options

```
knitr::opts_chunk$set(echo=FALSE,  
  results='markup',  
  comment=NA,  
  message=FALSE,  
  warning=FALSE,  
  error=FALSE,  
  fig.width=8,  
  fig.align='center',  
  fig.path="Figs/",  
  dev="png",  
  dev.args=list(type="cairo"),  
  dpi=96)
```

download data

calculate genesets

```
[1] 2374    1
```



generate heatmaps

perform pathway analysis