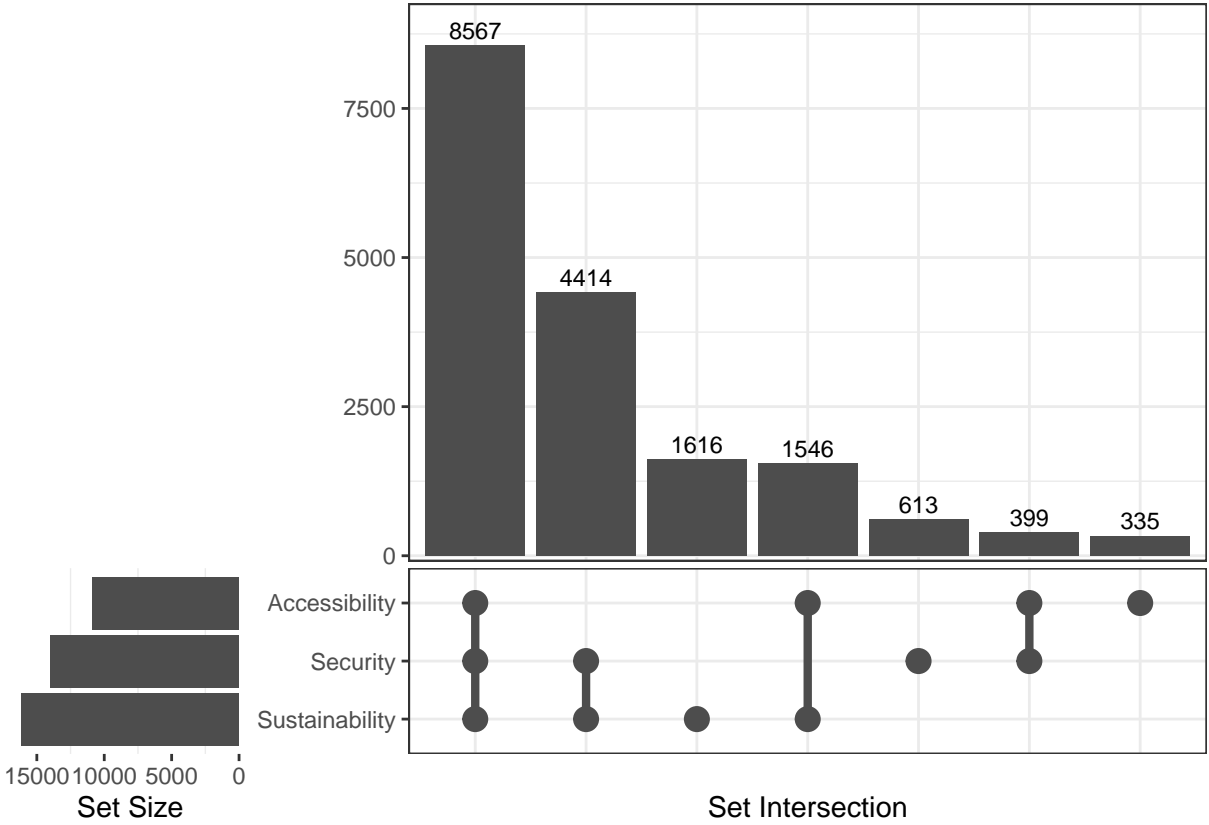
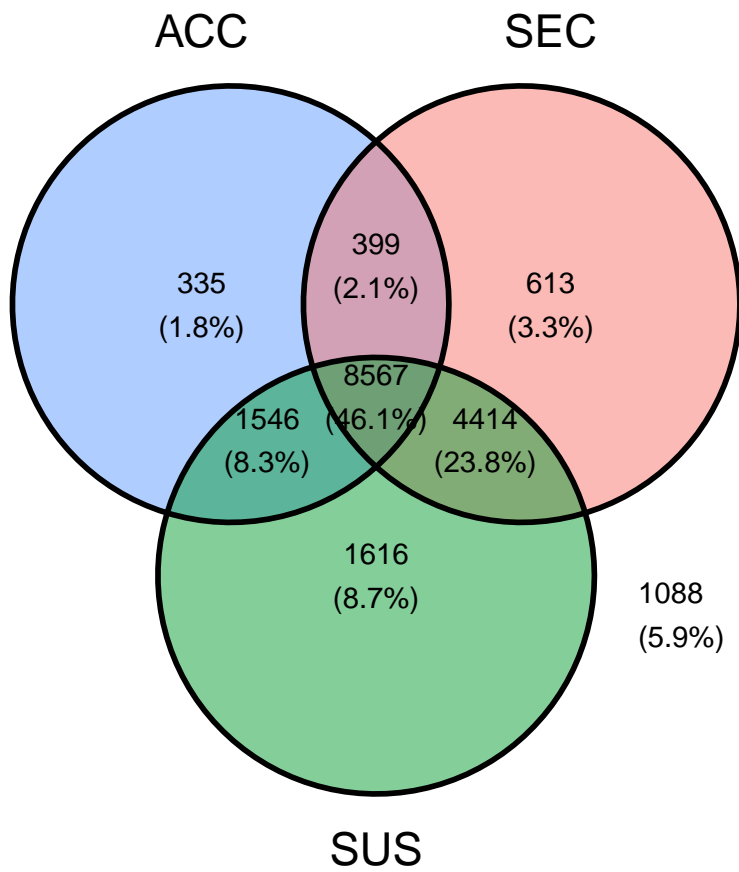


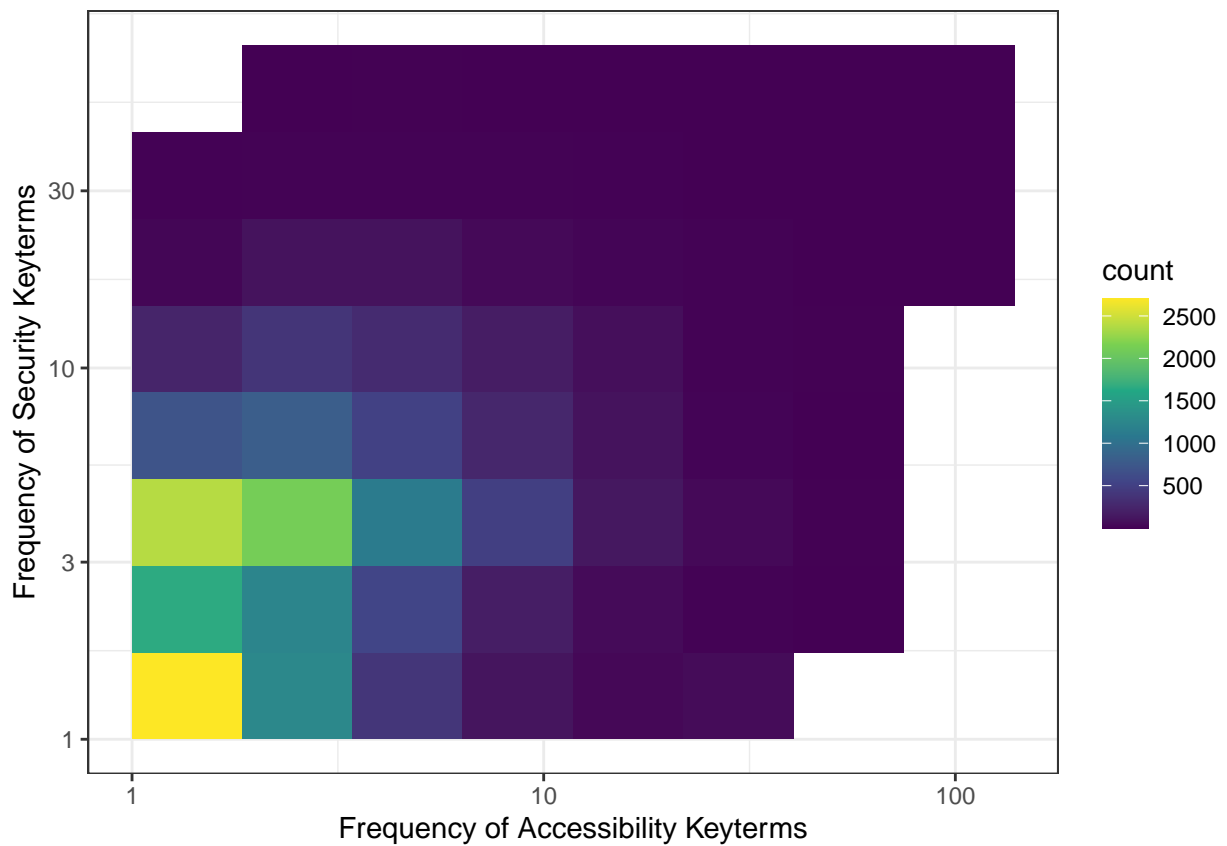
Document-level statistics

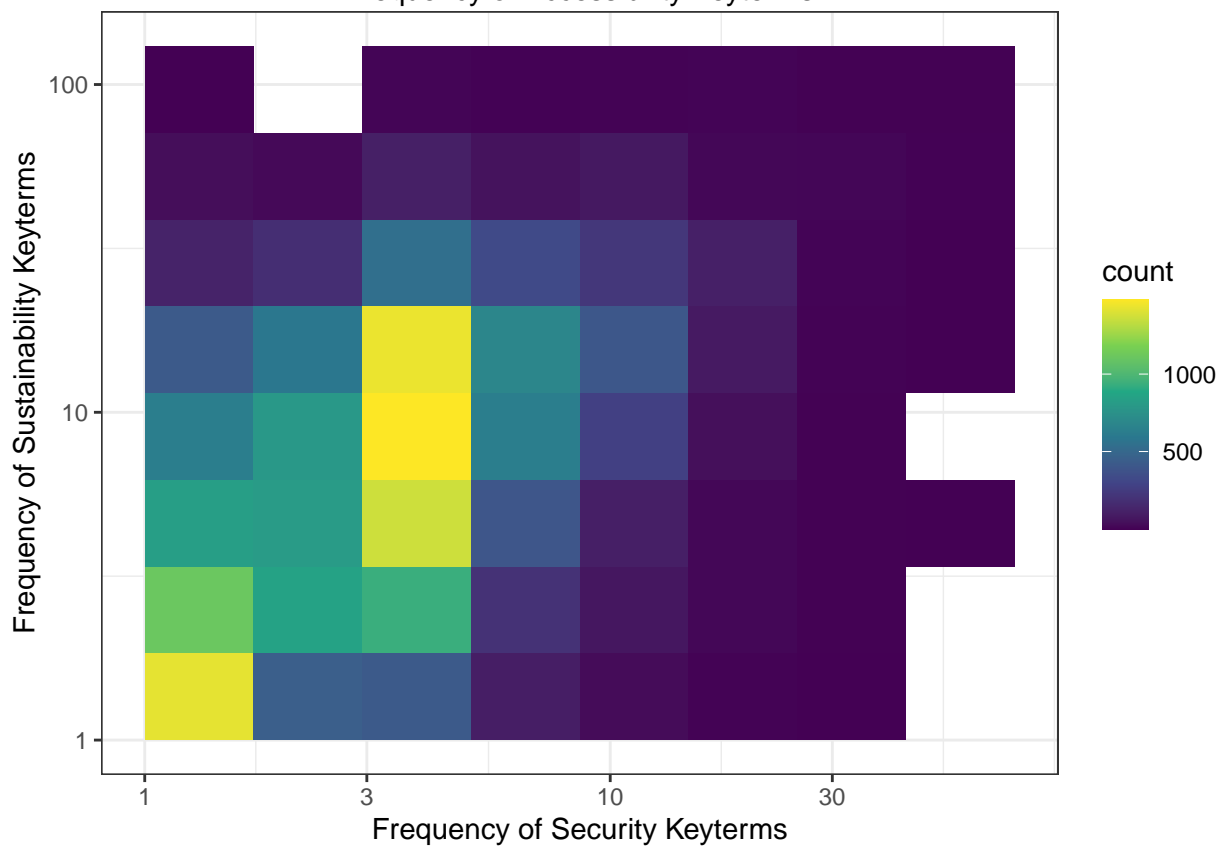
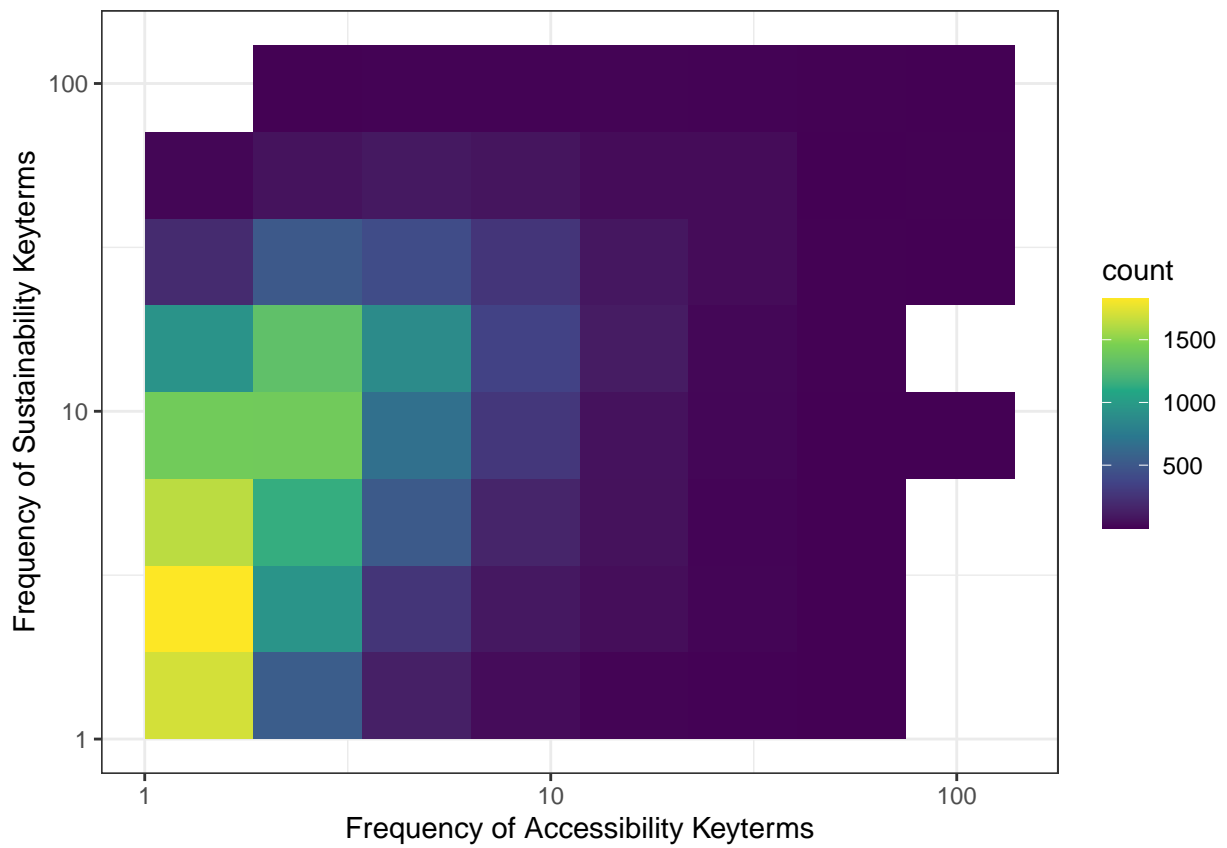
```
knitr::opts_chunk$set(echo=F)
```





Plots showing how the frequency of a keyword group correlates with another. There is generally a high correlation: documents that mention one component are likely to mention another.





```
##
## Pearson's product-moment correlation
##
## data: d$ACC and d$SEC
## t = 38.881, df = 18576, p-value < 2.2e-16
```

```

## alternative hypothesis: true correlation is not equal to 0
## 95 percent confidence interval:
## 0.2609810 0.2875767
## sample estimates:
##      cor
## 0.2743313

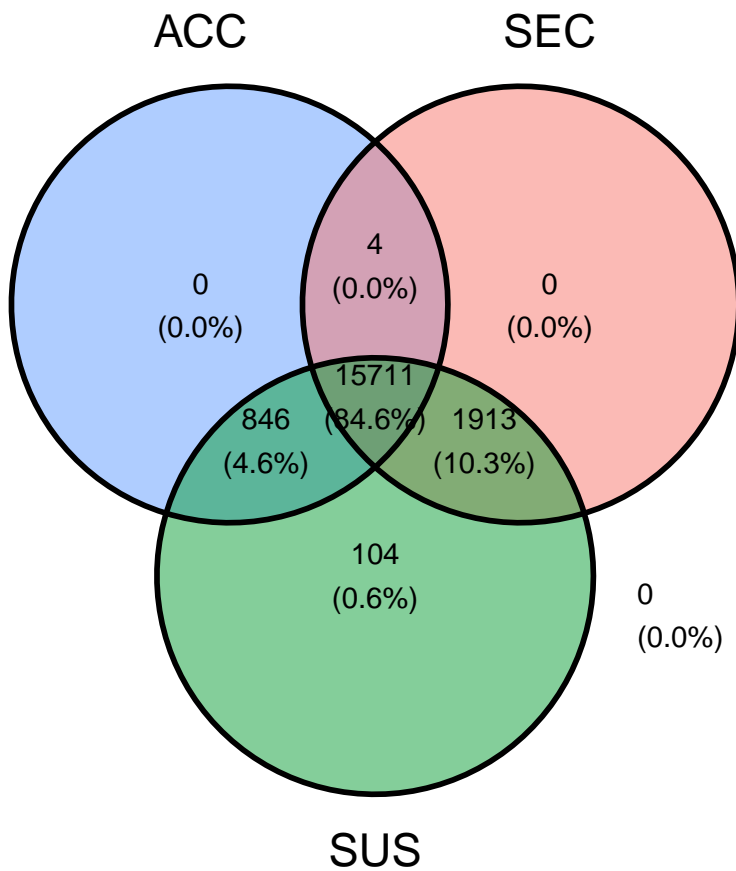
##
## Pearson's product-moment correlation
##
## data:  d$ACC and d$SUS
## t = 51.875, df = 18576, p-value < 2.2e-16
## alternative hypothesis: true correlation is not equal to 0
## 95 percent confidence interval:
## 0.3430896 0.3682109
## sample estimates:
##      cor
## 0.3557145

##
## Pearson's product-moment correlation
##
## data:  d$SEC and d$SUS
## t = 55.973, df = 18576, p-value < 2.2e-16
## alternative hypothesis: true correlation is not equal to 0
## 95 percent confidence interval:
## 0.3675200 0.3921298
## sample estimates:
##      cor
## 0.3798921

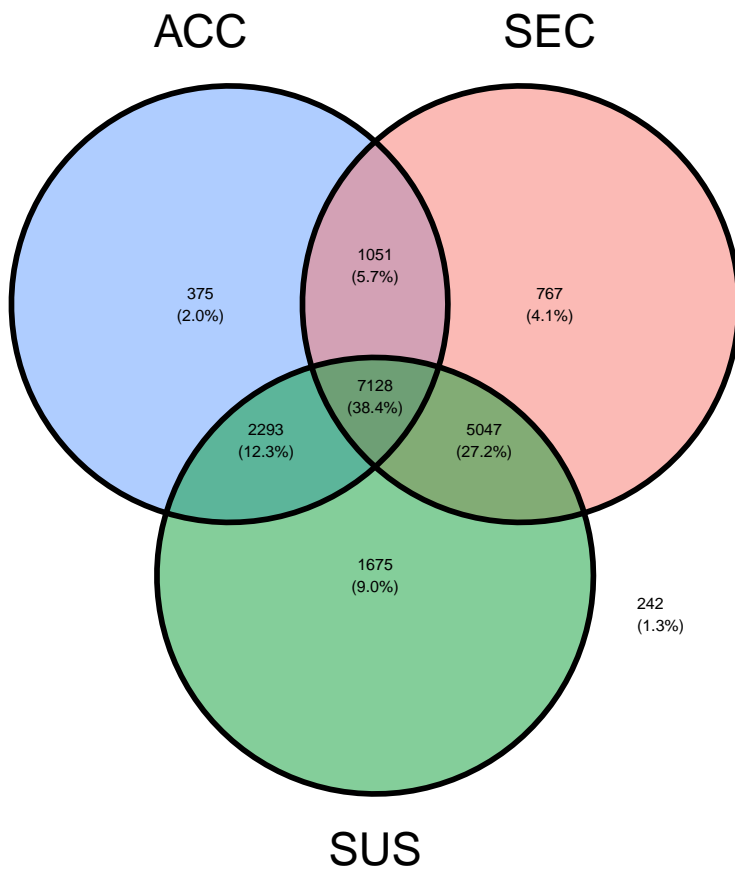
```

Are the patterns different from chance?

We can simulate some data to see what the patterns might look like if there was no dependency between the discussion for the different components. The simulation below randomly distributes the keyterms between the documents, and see what the overlap in terms is:



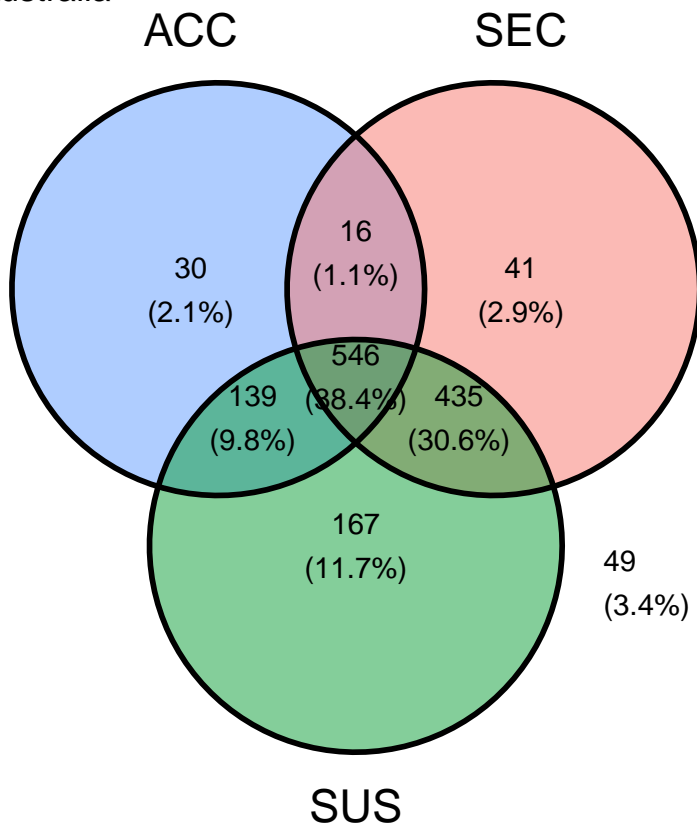
The simulation above randomly reassign each key term to any text. However, that breaks the clustered nature of the texts. Instead, the simulation below takes all the Accessibility words from one text and randomly swaps it with all the Accessibility words from another text.



Comparing with the real data, we see that discussion of all three components is higher than chance. But discussion of Security and Accessibility is lower than chance.

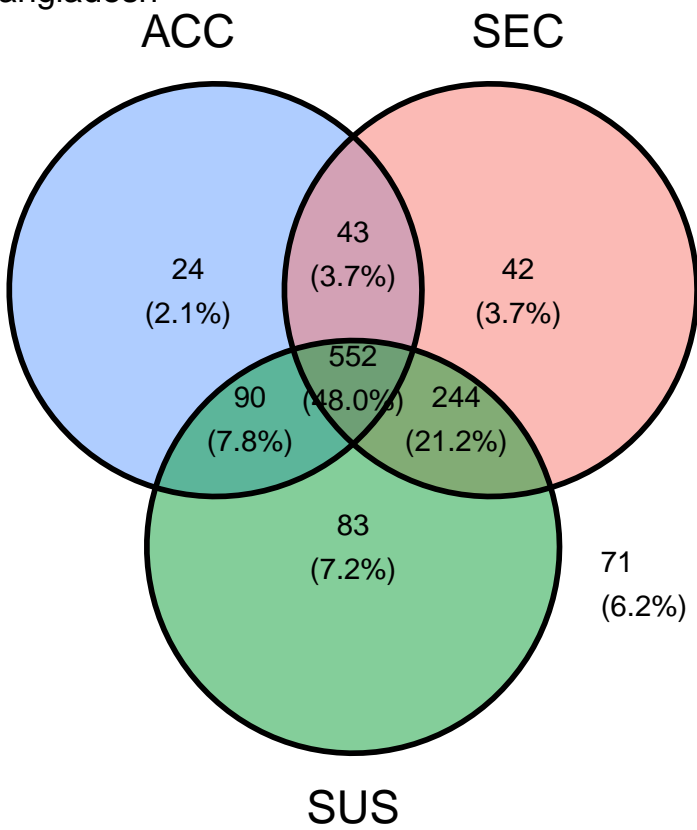
Results by country

Australia



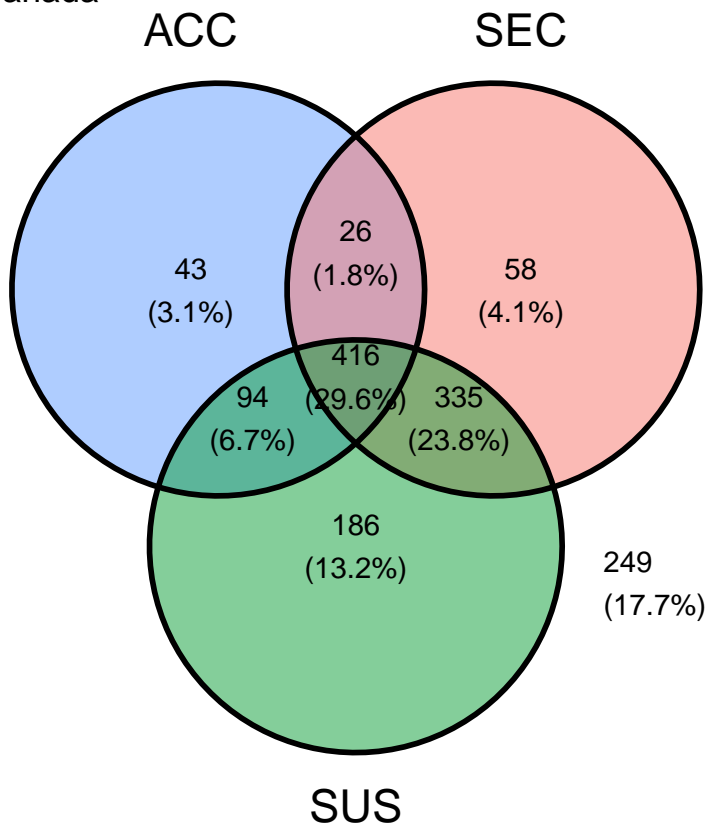
[1] "."

Bangladesh



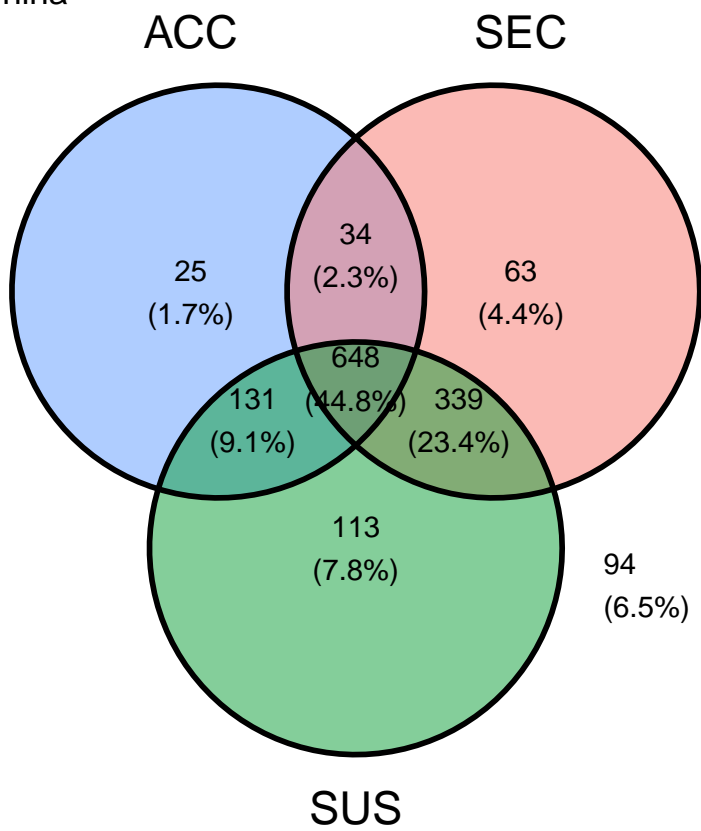
[1] "."

Canada



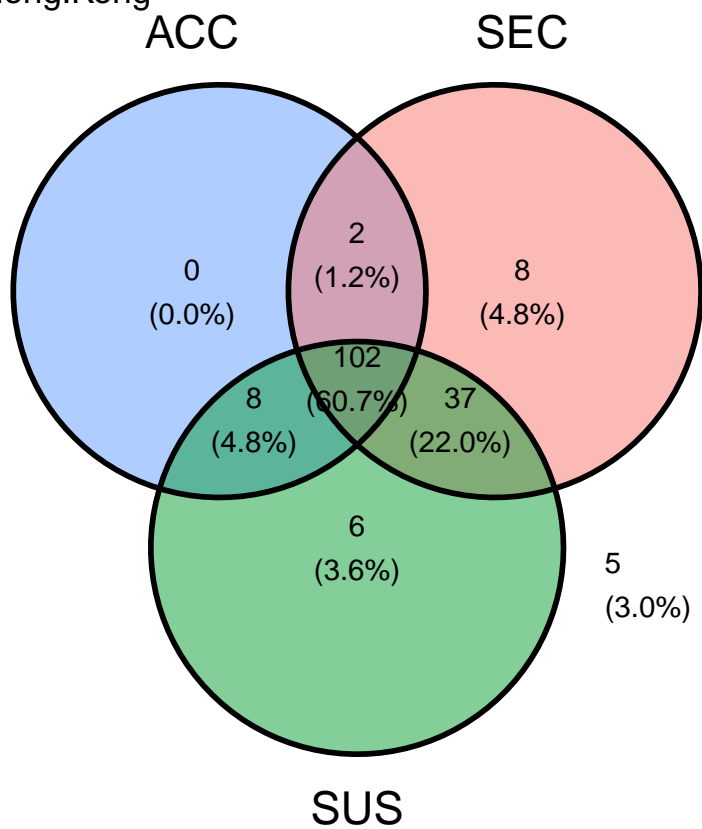
[1] "."

China



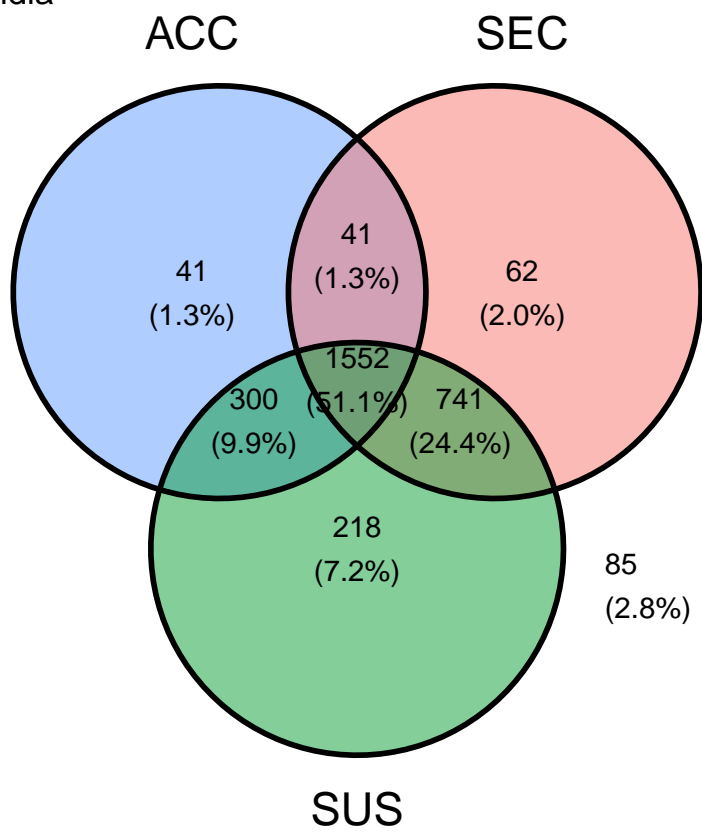
[1] "."

Hong.Kong



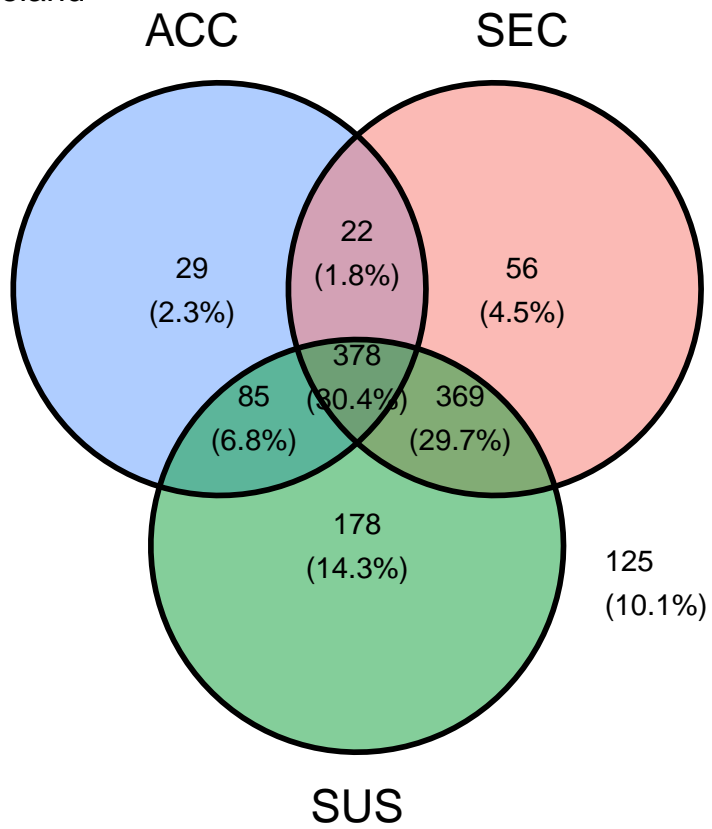
[1] ". "

India



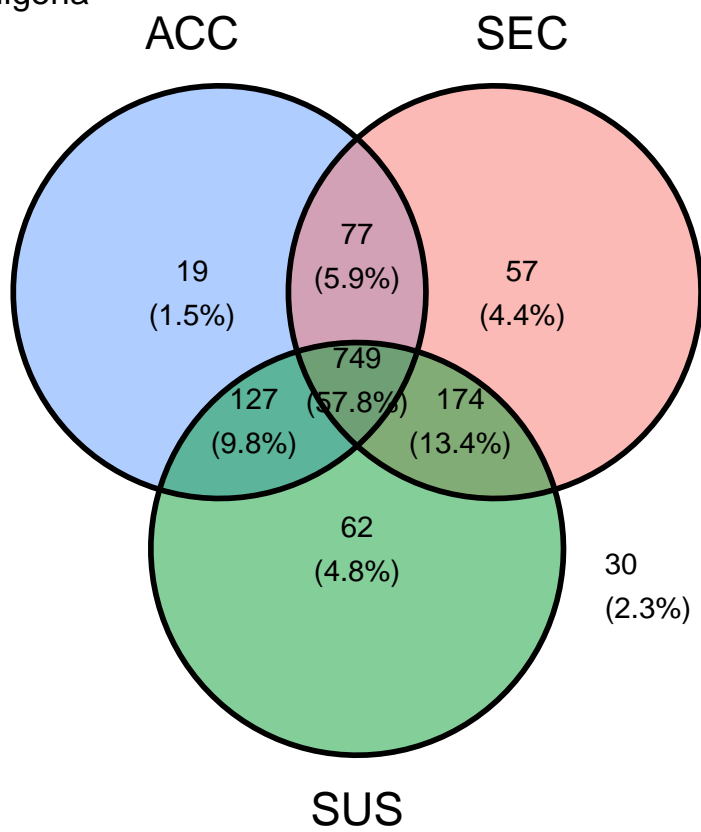
[1] ". "

Ireland



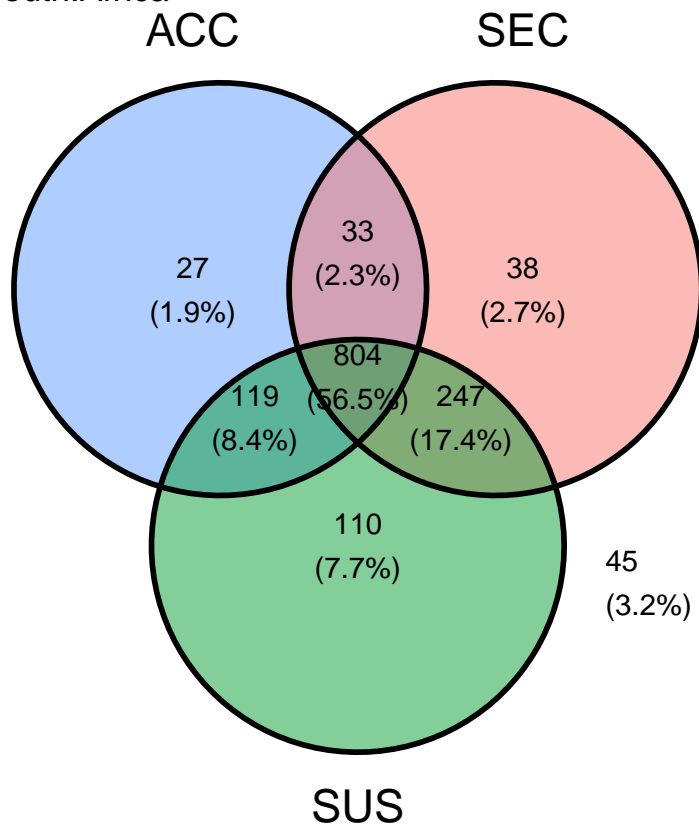
[1] ". "

Nigeria



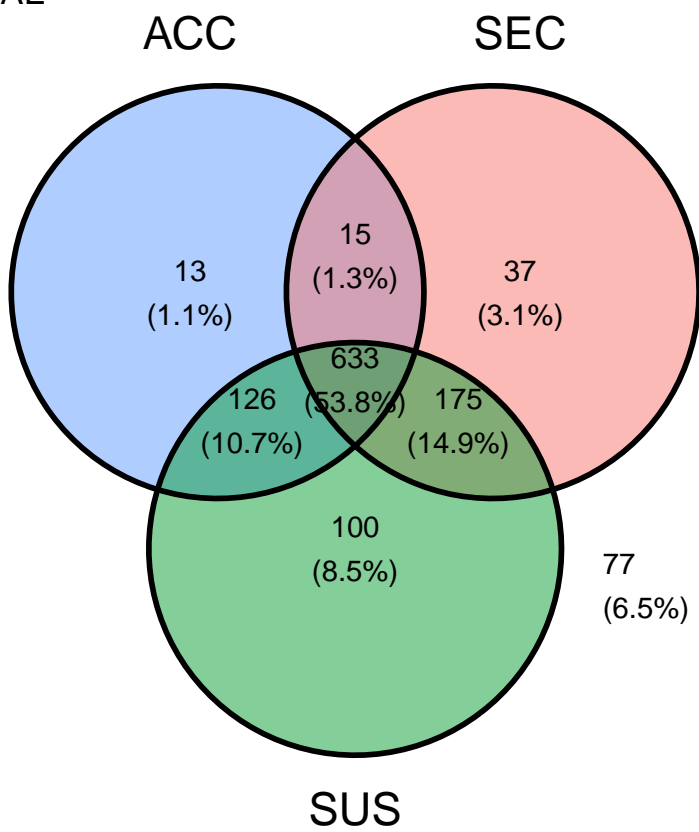
[1] ". "

South.Africa



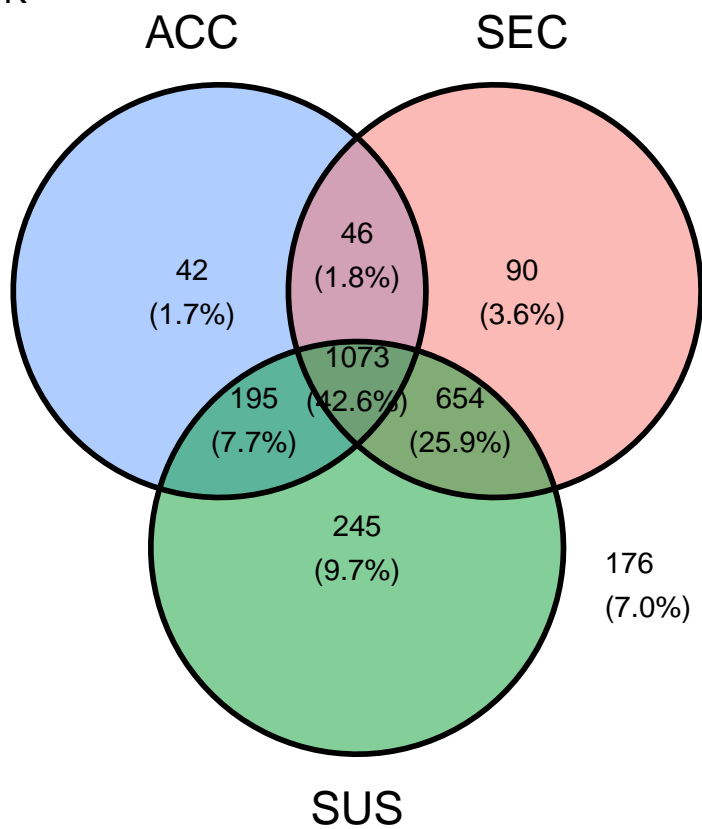
[1] ". "

UAE



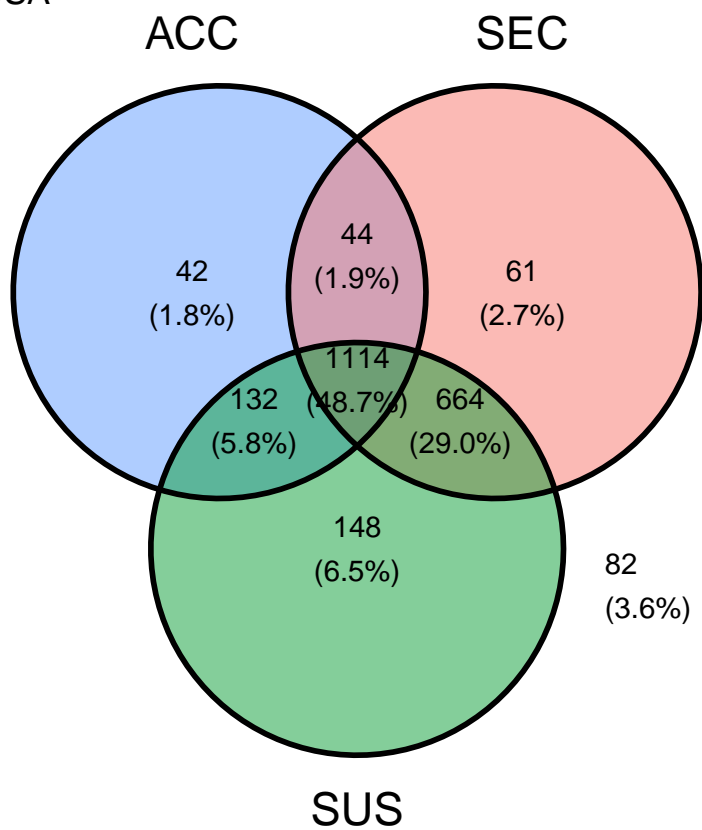
[1] ". "

UK



[1] ". "

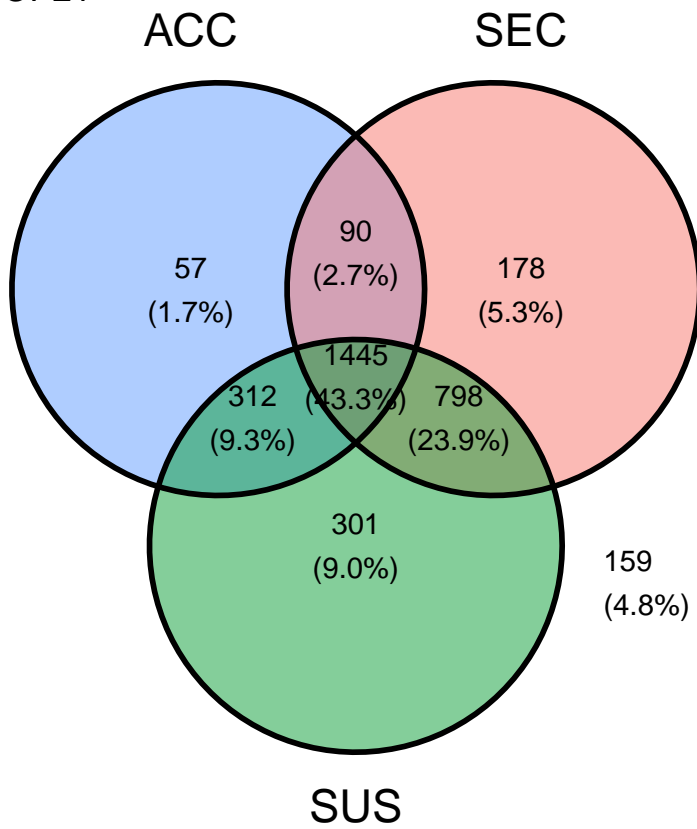
USA



[1] ". "

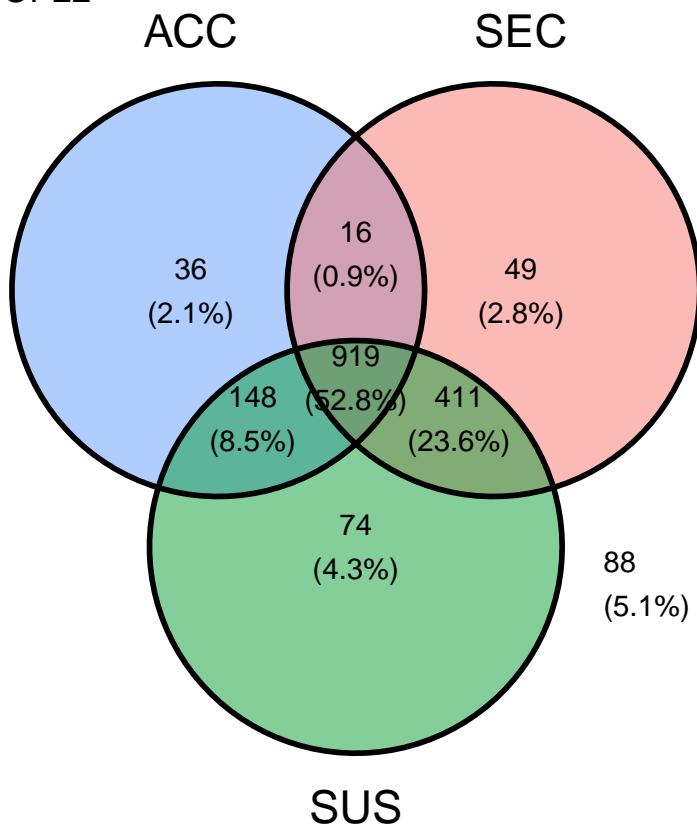
Results by COP

COP21



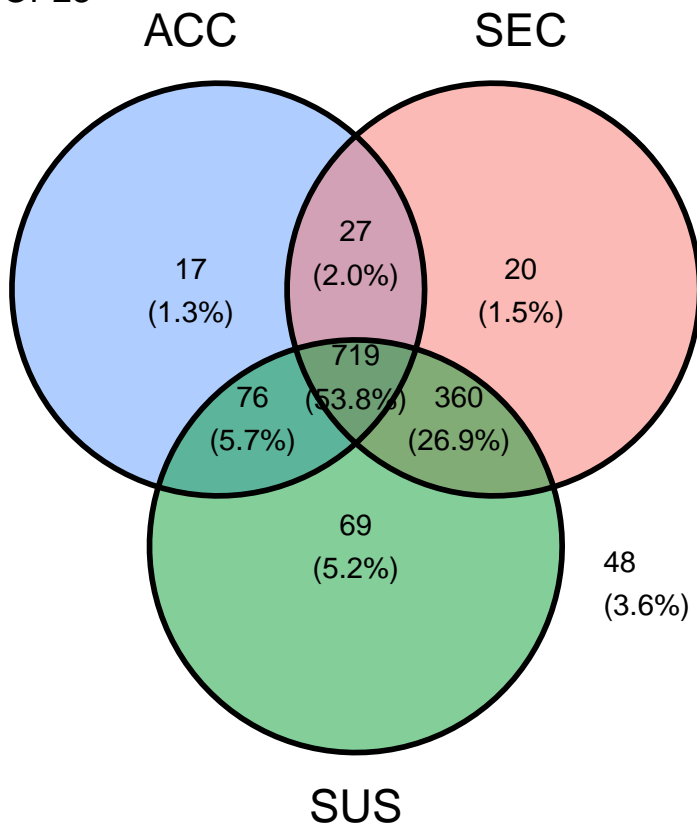
[1] "."

COP22



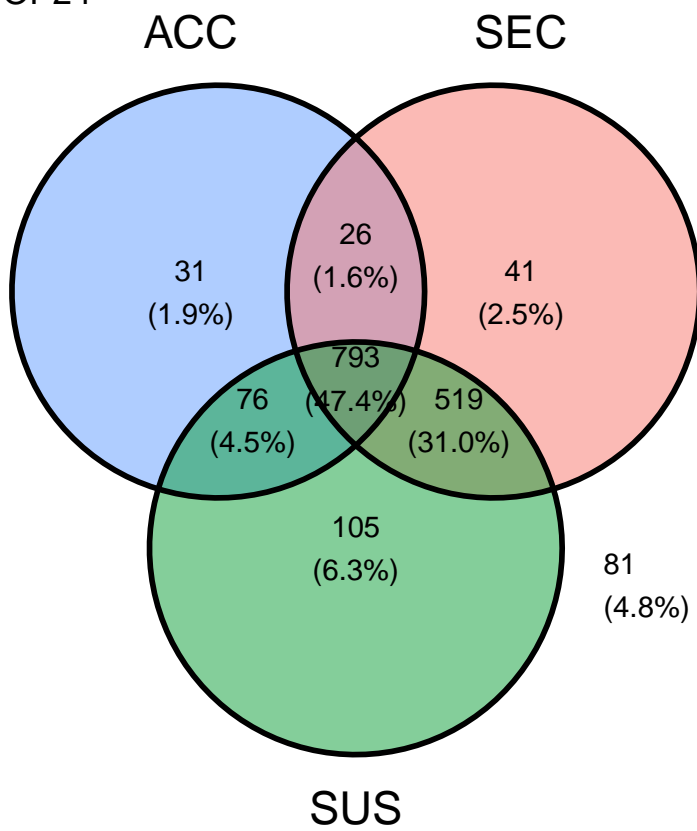
[1] ". "

COP23



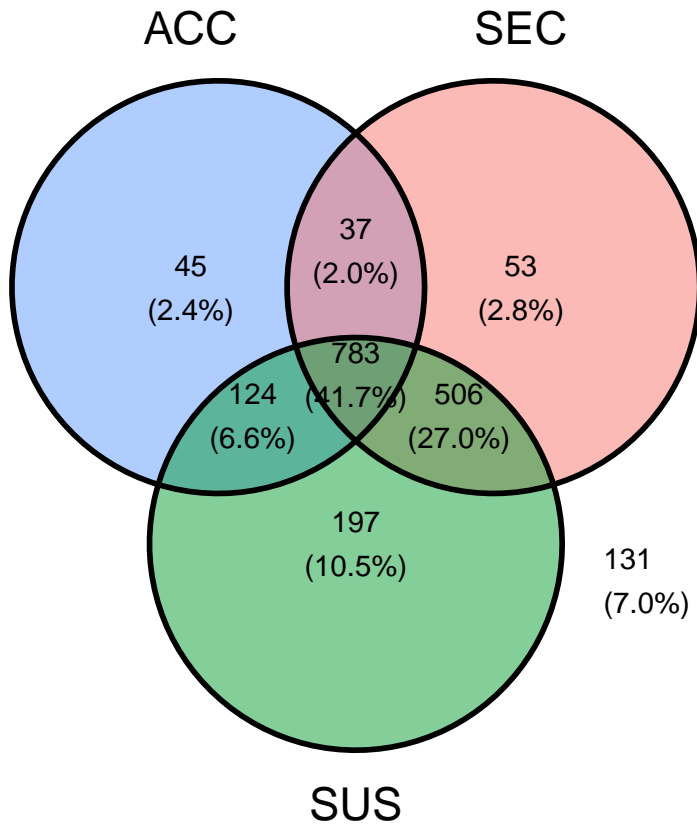
[1] ". "

COP24



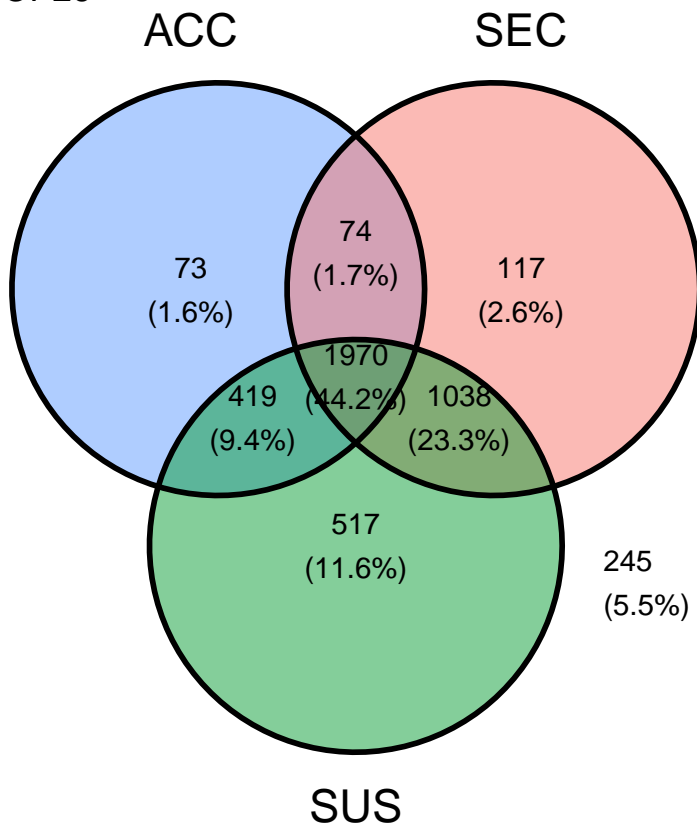
[1] ". "

COP25

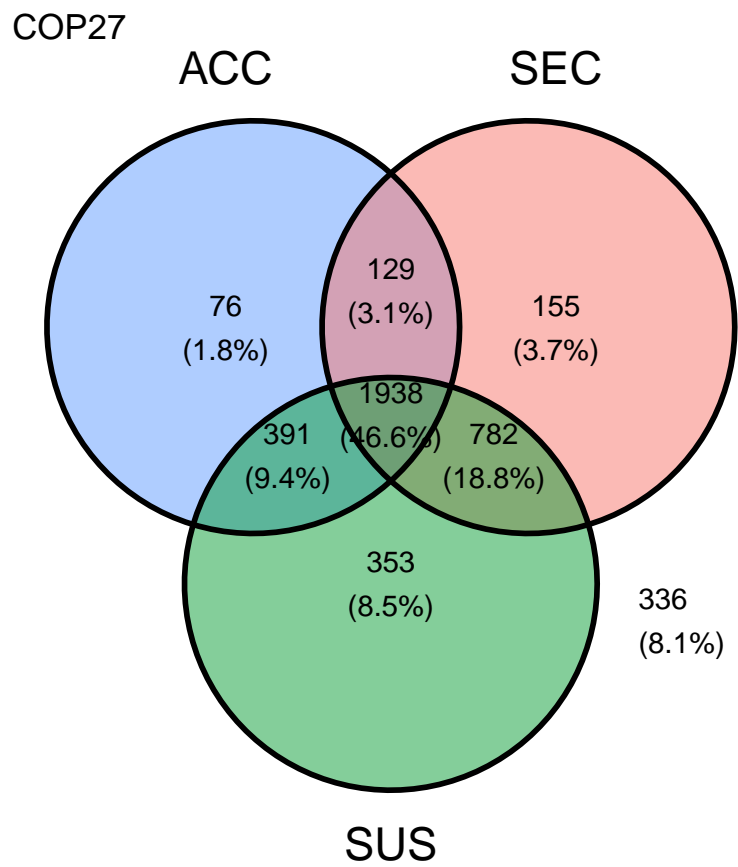


[1] ". "

COP26



[1] ". "



[1] ". "

