

# Untitled

2024

2022-04-19

```
library(readxl)
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.1 --
## v ggplot2 3.3.5      v purrr 0.3.4
## v tibble 3.1.6       v dplyr 1.0.8
## v tidyr 1.2.0        v stringr 1.4.0
## v readr 2.1.2        v forcats 0.5.1

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

library(dplyr)
library(stringr)
library(gtools)
library(irrCAC)

source("noneabove.R")
source("none.R")
source("one.R")
source("two.R")
source("three.R")
```

## Batch 7

```
b7<- read.csv("B7.csv")

# for none of the above cases, recode # of foundations as "none"

b7<-noneabove(b7,"heysung")
b7<-noneabove(b7,"yooji")

b7<-none_foundation("heysung",b7)
b7<-none_foundation("yooji",b7)

b7<-one_foundation("heysung",b7)
b7<-one_foundation("yooji",b7)

b7<-two_foundation("heysung",b7)
b7<-two_foundation("yooji",b7)

b7<-three_function("heysung",b7)
```

```

b7<-three_function("yooji",b7)

write.csv(b7, file="b7clean.csv",row.names = F)

# Harm/Care

# raw coding
b7_hc <- b7[b7$question=="Harm/Care",]

# presence & absence
b7_hcp<-b7_hc
b7_hcp$heysung<-ifelse(b7_hcp$heysung == "0", 0, 1)
b7_hcp$yooji<-ifelse(b7_hcp$yooji == "0", 0, 1)
b7_hcp<-b7_hcp%>%
  select(heysung,yooji)

# Fairness/Cheating

# raw coding
b7_fc <- b7[b7$question=="Fairness/Cheating",]

# presence & absence
b7_fcp<-b7_fc
b7_fcp$heysung<-ifelse(b7_fcp$heysung == "0", 0, 1)
b7_fcp$yooji<-ifelse(b7_fcp$yooji == "0", 0, 1)
b7_fcp<-b7_fcp%>%
  select(heysung,yooji)

# Loyalty/Betrayal

# raw coding
b7_lb <- b7[b7$question=="Loyalty/Betrayal",]

# presence & absence
b7_lbp<-b7_lb
b7_lbp$heysung<-ifelse(b7_lbp$heysung == "0", 0, 1)
b7_lbp$yooji<-ifelse(b7_lbp$yooji == "0", 0, 1)
b7_lbp<-b7_lbp%>%
  select(heysung,yooji)

# Authority/Subversion

# raw coding
b7_as <- b7[b7$question=="Authority/Subversion",]

# presence & absence
b7_asp<-b7_as
b7_asp$heysung<-ifelse(b7_asp$heysung == "0", 0, 1)
b7_asp$yooji<-ifelse(b7_asp$yooji == "0", 0, 1)
b7_asp<-b7_asp%>%
  select(heysung,yooji)

```

```

# Liberty/Oppression

# raw coding
b7_lo <- b7[question=="Liberty/Oppression",]

# presence & absence
b7_lop<-b7_lo
b7_lop$heysung<-ifelse(b7_lop$heysung == "0", 0, 1)
b7_lop$yooji<-ifelse(b7_lop$yooji == "0", 0, 1)
b7_lop<-b7_lop%>%
  select(heysung,yooji)

```

## krippen

```

# Harm/Care

krippen.alpha.raw(b7_hcp)$est$coeff.val

```

```
## [1] 0.28677
```

```

# Fairness/Cheating

krippen.alpha.raw(b7_fcp)$est$coeff.val

```

```
## [1] 0.31673
```

```

# Loyalty/Betrayal

krippen.alpha.raw(b7_lbp)$est$coeff.val

```

```
## [1] -0.01013
```

```

# Authority/Subversion

krippen.alpha.raw(b7_asp)$est$coeff.val

```

```
## [1] -0.01013
```

```

# Liberty/Oppression

krippen.alpha.raw(b7_lop)$est$coeff.val

```

```
## [1] 0.31443
```

## gwet.ac1

```

# Harm/Care

gwet.ac1.raw(b7_hcp)$est$coeff.val

```

```
## [1] 0.82591
```

```
# Fairness/Cheating
```

```
gwet.ac1.raw(b7_fcp)$est$coeff.val
```

```
## [1] 0.8618
```

```
# Loyalty/Betrayal
```

```
gwet.ac1.raw(b7_lbp)$est$coeff.val
```

```
## [1] 0.97437
```

```
# Authority/Subversion
```

```
gwet.ac1.raw(b7_asp)$est$coeff.val
```

```
## [1] 0.97437
```

```
# Liberty/Oppression
```

```
gwet.ac1.raw(b7_lop)$est$coeff.val
```

```
## [1] 0.95753
```