

Corelation

R Markdown

```
##
## 1 2 3 4 5 6 7
## 58 55 47 36 18 12 4

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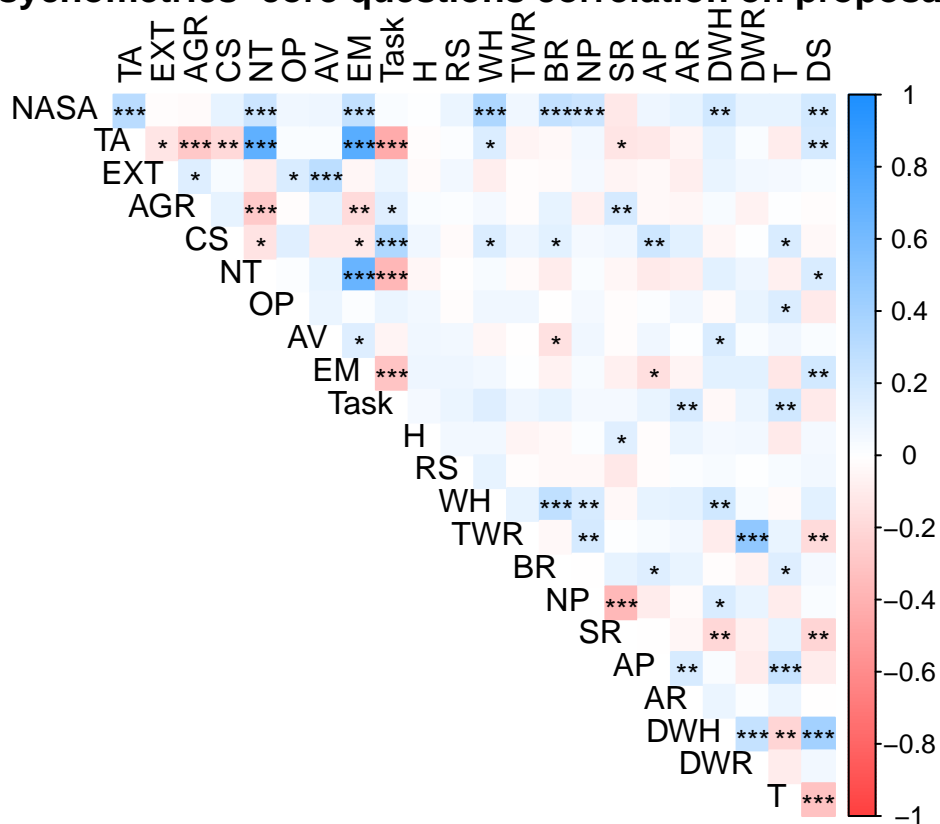
## Warning: Removed 12 rows containing non-finite values (stat_density).

## Warning: package 'corrplot' was built under R version 3.6.3

## corrplot 0.84 loaded

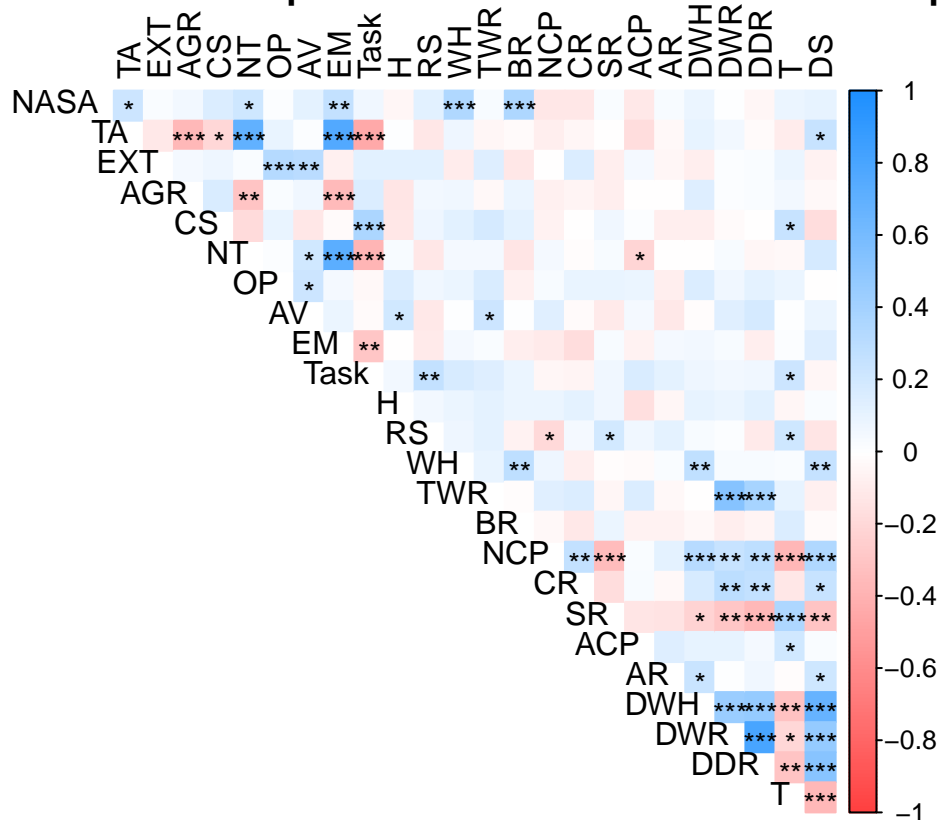
```

Psychometrics–core questions correlation on proposals



```
## [1] "Rank"           "NASA"
## [3] "TA"             "EXT"
## [5] "AGR"            "CS"
## [7] "NT"             "OP"
## [9] "AV"             "EM"
## [11] "Task"           "H"
## [13] "RS"             "WH"
## [15] "TWR"            "BR"
## [17] "departmental_affiliation" "NCP"
## [19] "CR"             "SR"
## [21] "ACP"            "AR"
## [23] "DWH"            "DWR"
## [25] "DDR"            "T"
## [27] "DS"             "
```

Psychometrics-core questions correlation on conference papers



```
Conf_C_Eng<- subset(Conf_C_Eng, departmental_affiliation=="Computer Science" | departmental_affiliation=="Engineering")
Conf_C_Eng$departmental_affiliation<-NULL
```

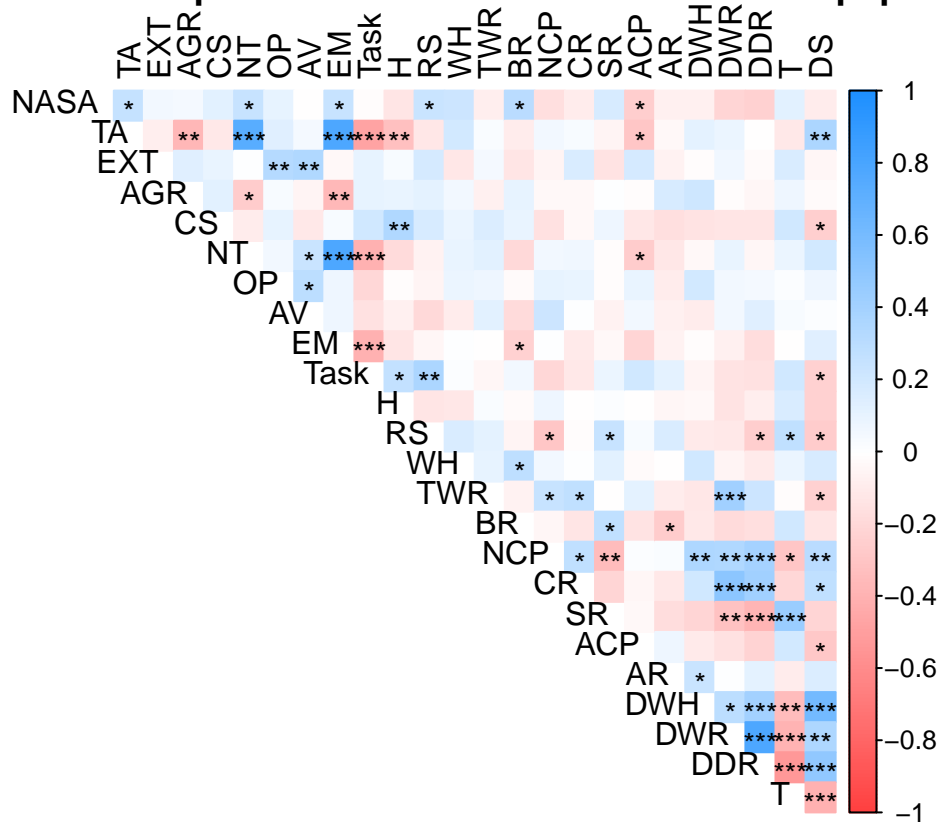
```
M_Conf_c_eng <- cor(Conf_C_Eng[,c(2:26)],use="complete.obs")
res3 <- cor.mtest(Conf_C_Eng[,c(2:26)], conf.level = .95)
```

```
# significance_plot<-
```

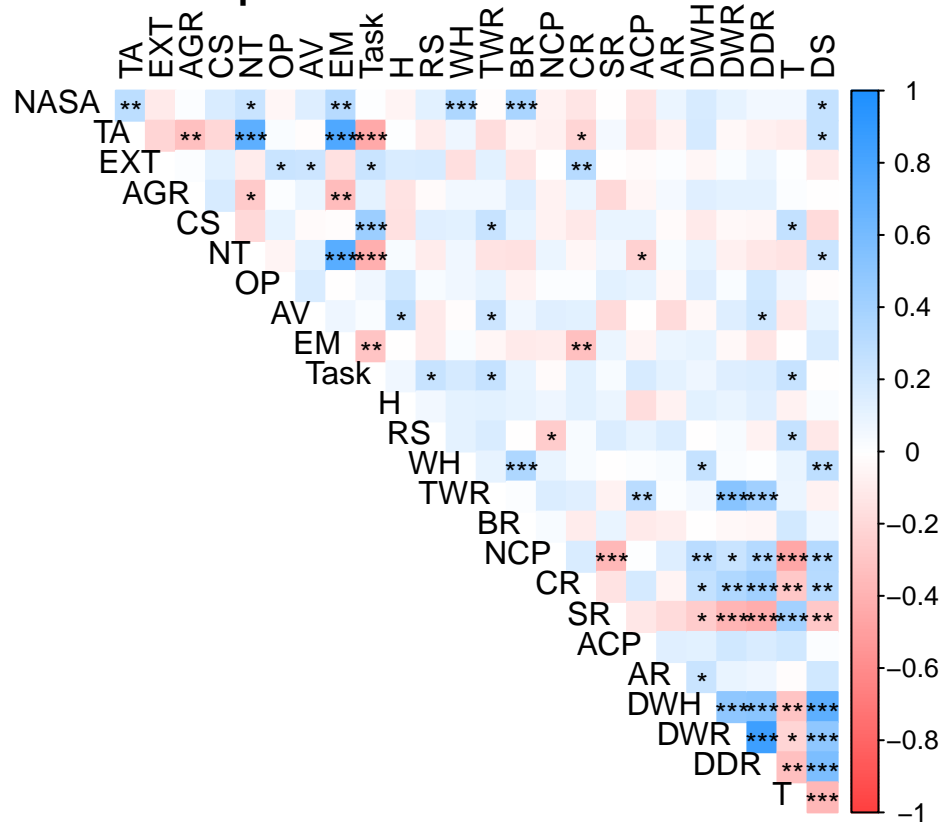
```
# par(mfrow = c(2, 2))
```

```
corrplot(M_Conf_c_eng, p.mat = res3$p, method = "color", type = "upper",
         title="Psychometrics-core questions correlation on conference papers Com-Eng",
         sig.level = c(.001, .01, .05), pch.cex = .9,diag = FALSE,
         insig = "label_sig", pch.col = "black", col=colorRampPalette(c("brown1", "white", "dodgerblue")))
```

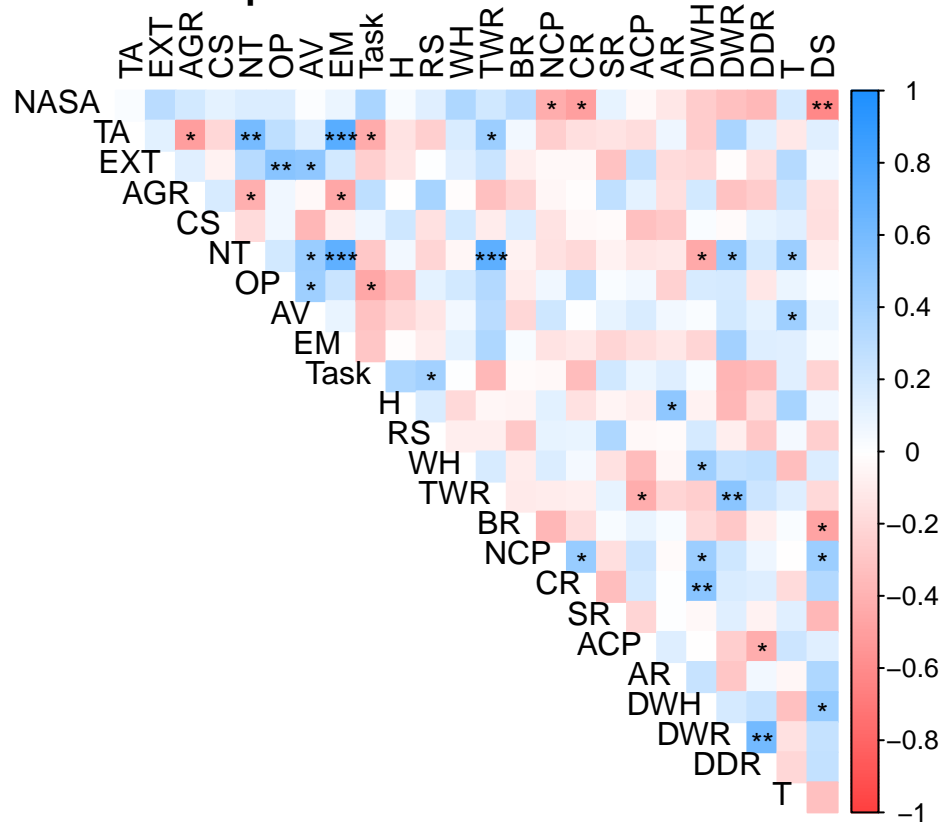

ychometrics-core questions correlation on conference papers Com-E

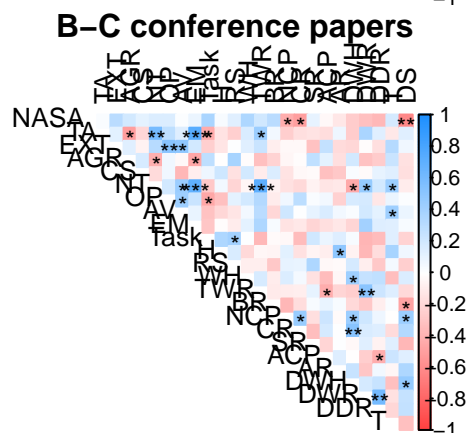
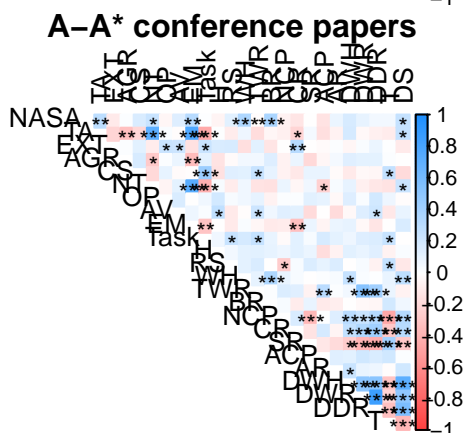
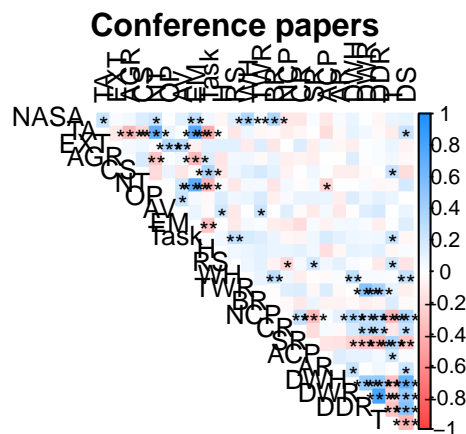
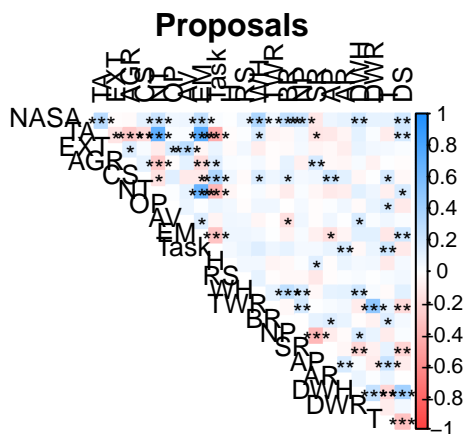


Psychometrics–core questions correlation on A–A* conference papers

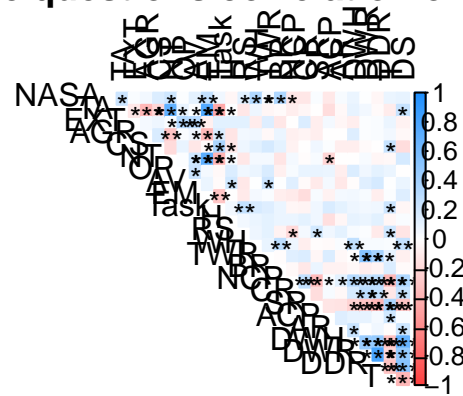


Psychometrics–core questions correlation on B–C conference papers





Psychometrics–core questions correlation on conference papers



Psychometrics–core questions correlation on conference papers Com-E

