rank_conf

2024-12-07

```r
library(mclust)
```

```
## Package 'mclust' version 6.1.1
## Type 'citation("mclust")' for citing this R package in publications.
```

```r
coords_df <- read.csv("avg_team_data_cont.csv")
#Confusion matrix
cont_conf <- table(coords_df$cluster5, coords_df$cont_g1)
write.csv(cont_conf, "continent_confusion.csv")
```

Does not look like there is any intelligent clustering by geography.

Let's check the adjusted Rand index to be sure of this.

```r
# adjusted Rand index
adjusted_rand <- adjustedRandIndex(coords_df$cluster5, coords_df$cont_g1)
print(adjusted_rand)
```

```
## [1] -0.03497156
```

The value close to zero indicates random assignment!