

# case\_study\_selection

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2023-11-25

Global Variables

```
min_year = 2010
max_year = 2020
min_year <- min_year - 1
max_year <- max_year + 1
```

```
country unga_data <- function(country_code){
  votes <- dfAgree[which(dfAgree$ccode1 == country_code & dfAgree$ccode2 == 365 & dfAgree$year > min_year & dfAgree$year < max_year)]
  print("Mean Agreement With Russia")
  print(mean(votes$agree))
  print("Mean Ideal Point")
  print(mean(votes$IdealPointAll.x))
  return(votes)
}
```

```
russia_mil_ex <- mil_ex[which(mil_ex$countryCode == 365 & mil_ex$startYear > min_year & mil_ex$startYear < max_year)]

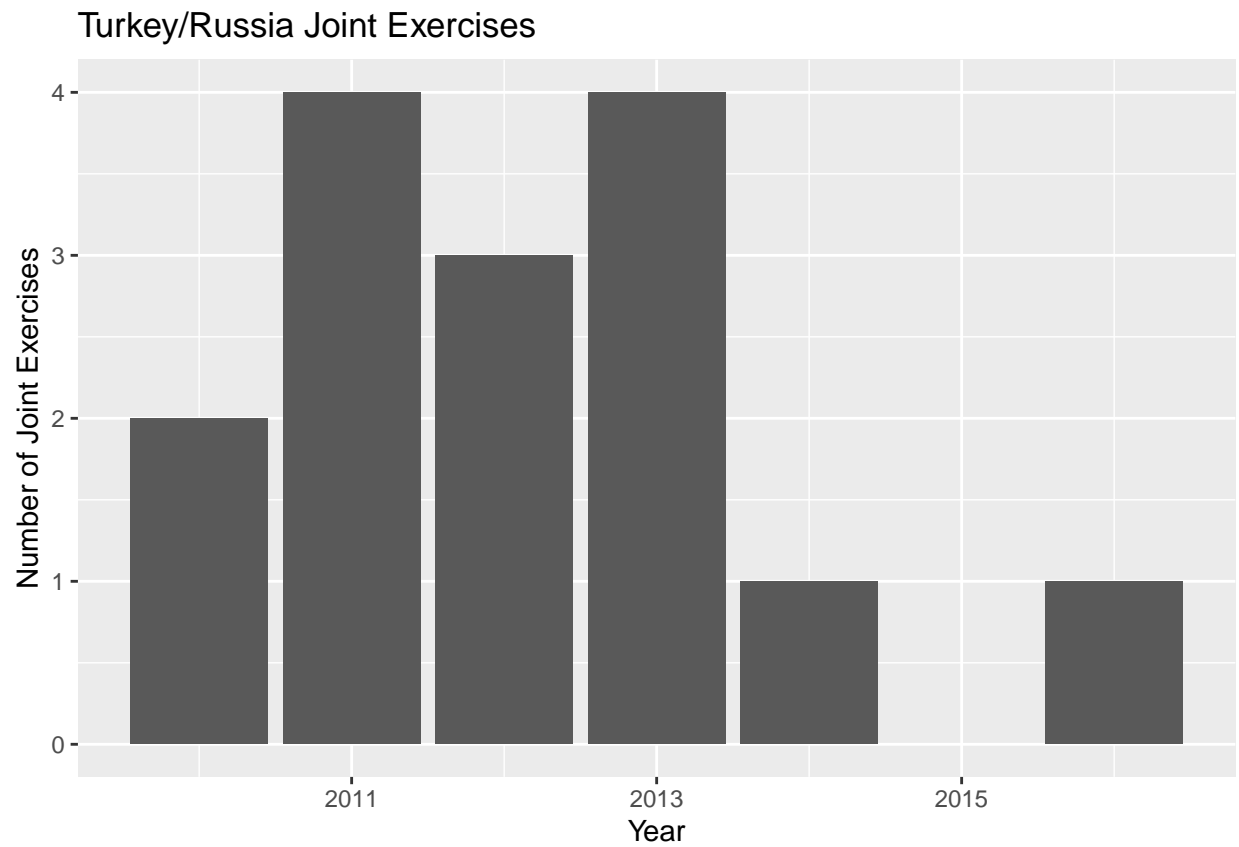
country_mil_ex_data <- function(country_code, country_name){
  country_mil_ex <- mil_ex[which(mil_ex$countryCode == country_code & mil_ex$startYear > min_year & mil_ex$startYear < max_year)]
  country_joint <- merge(country_mil_ex, россия_mil_ex, by.x = "xID" , by.y = "xID")
  print(ggplot(data=country_joint, aes(x=startYear.x)) + geom_bar() + labs(x="Year", y="Number of Joint Exercises"))
  by_year <- country_joint %>% group_by(startYear.x) %>% tally()
  ggplot(data=by_year, aes(x=startYear.x, y=n)) + geom_line() + labs(x="Year", y="Number of Joint Exercises")
  return(country_joint)
}
```

## Turkey

```
turkey_votes <- country unga_data(640)
```

```
## [1] "Mean Agreement With Russia"
## [1] 0.7149024
## [1] "Mean Ideal Point"
## [1] 0.5395025
```

```
turkey_mil_ex <- country_mil_ex_data(640, "Turkey")
```



## South Africa

```
sa_votes <- country_unga_data(560)
```

```
## [1] "Mean Agreement With Russia"  
## [1] 0.7752949  
## [1] "Mean Ideal Point"  
## [1] -0.5220924
```

```
sa_mil_ex <- country_mil_ex_data(560, "South Africa")
```

## South Africa/Russia Joint Exercises

Number of Joint Exercises

Year

## Ecuador

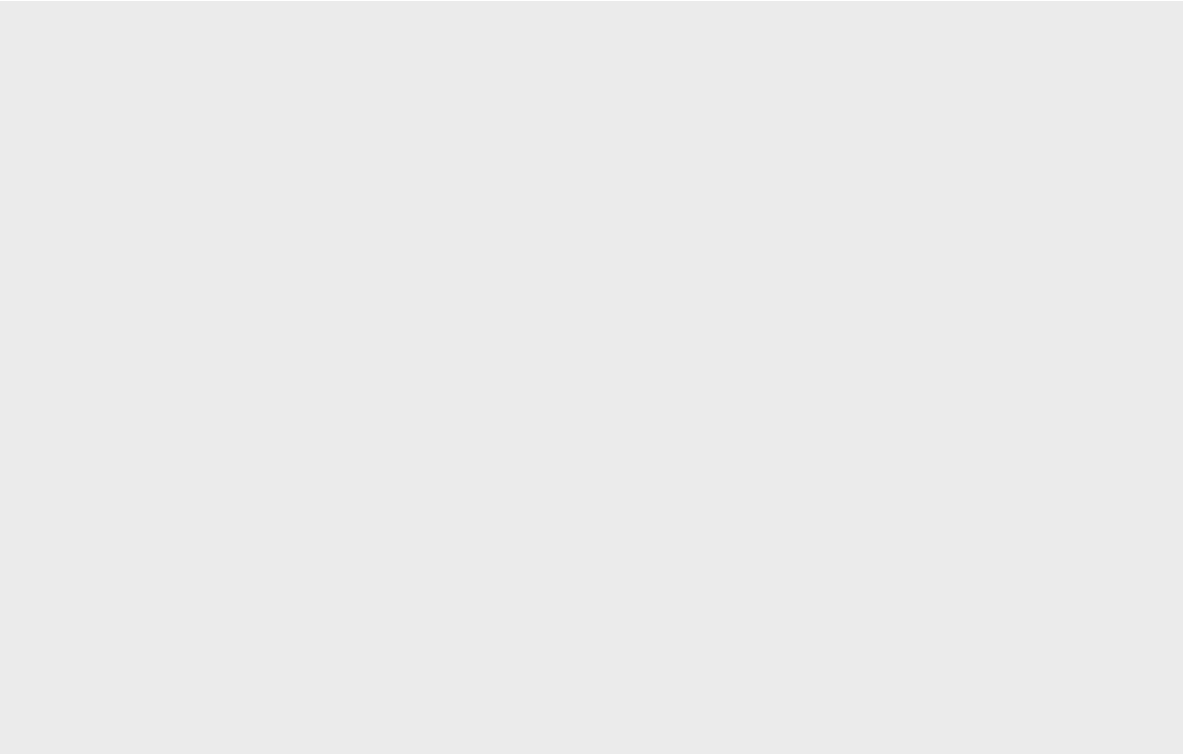
```
ecuador_votes <- country_unga_data(130)
```

```
## [1] "Mean Agreement With Russia"  
## [1] 0.77146  
## [1] "Mean Ideal Point"  
## [1] -0.9715384
```

```
ecuador_mil_ex <- country_mil_ex_data(130, "Ecuador")
```

Ecuador/Russia Joint Exercises

Number of Joint Exercises



Year