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# 'R'mut Group Project

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# Project Scope

Interest rate decisions have been much discussed due to exchange rate fluctuations in the last two years. So we tried to reveal the effect of TCMB interest rates on markets in this project.

## Dataset

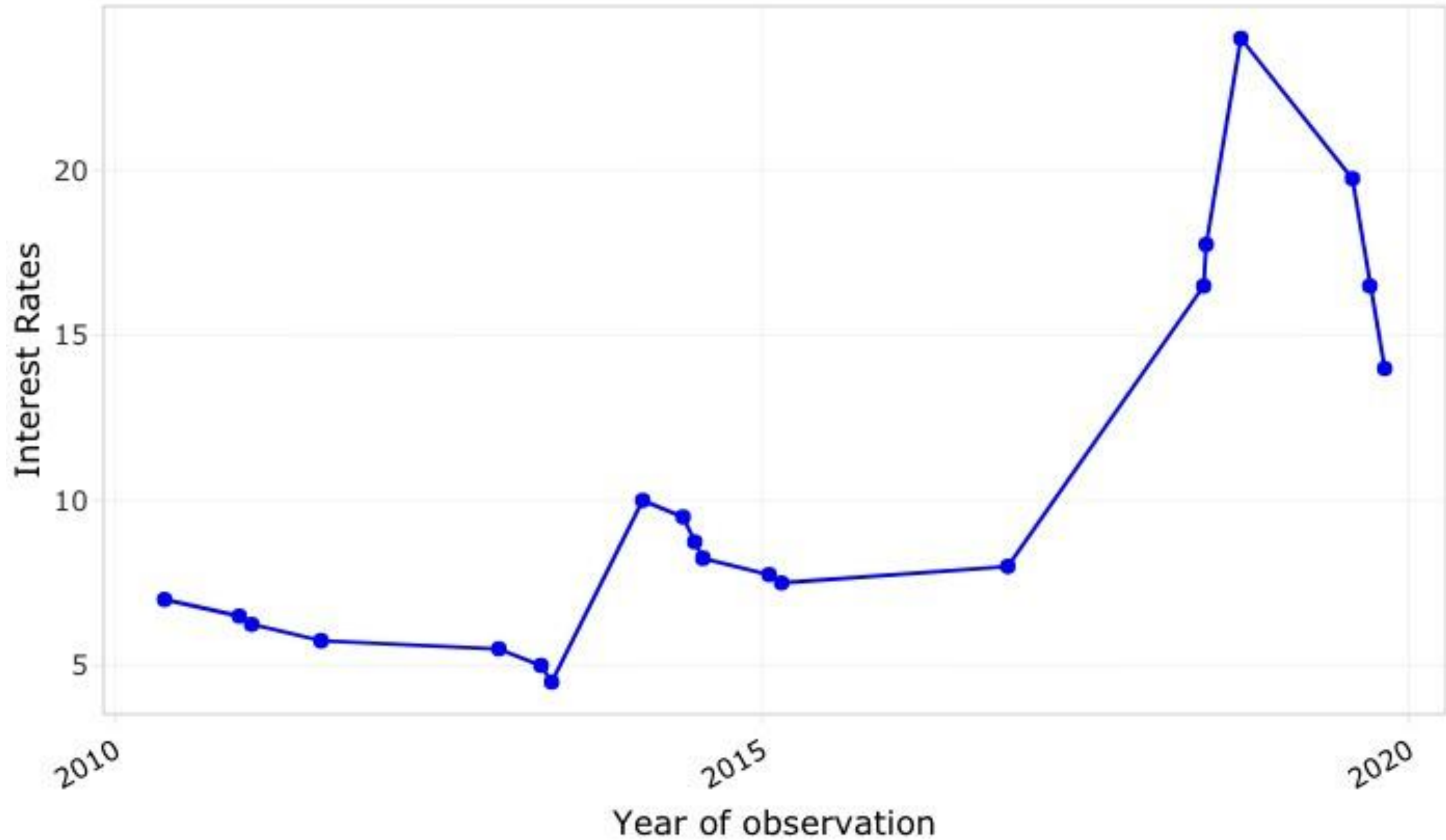
- TCMB Interest Rates(10 years)
- USD/TRY rates
- CPI & PPI
- Import & Export Amounts
- Growth rate

# What we did?

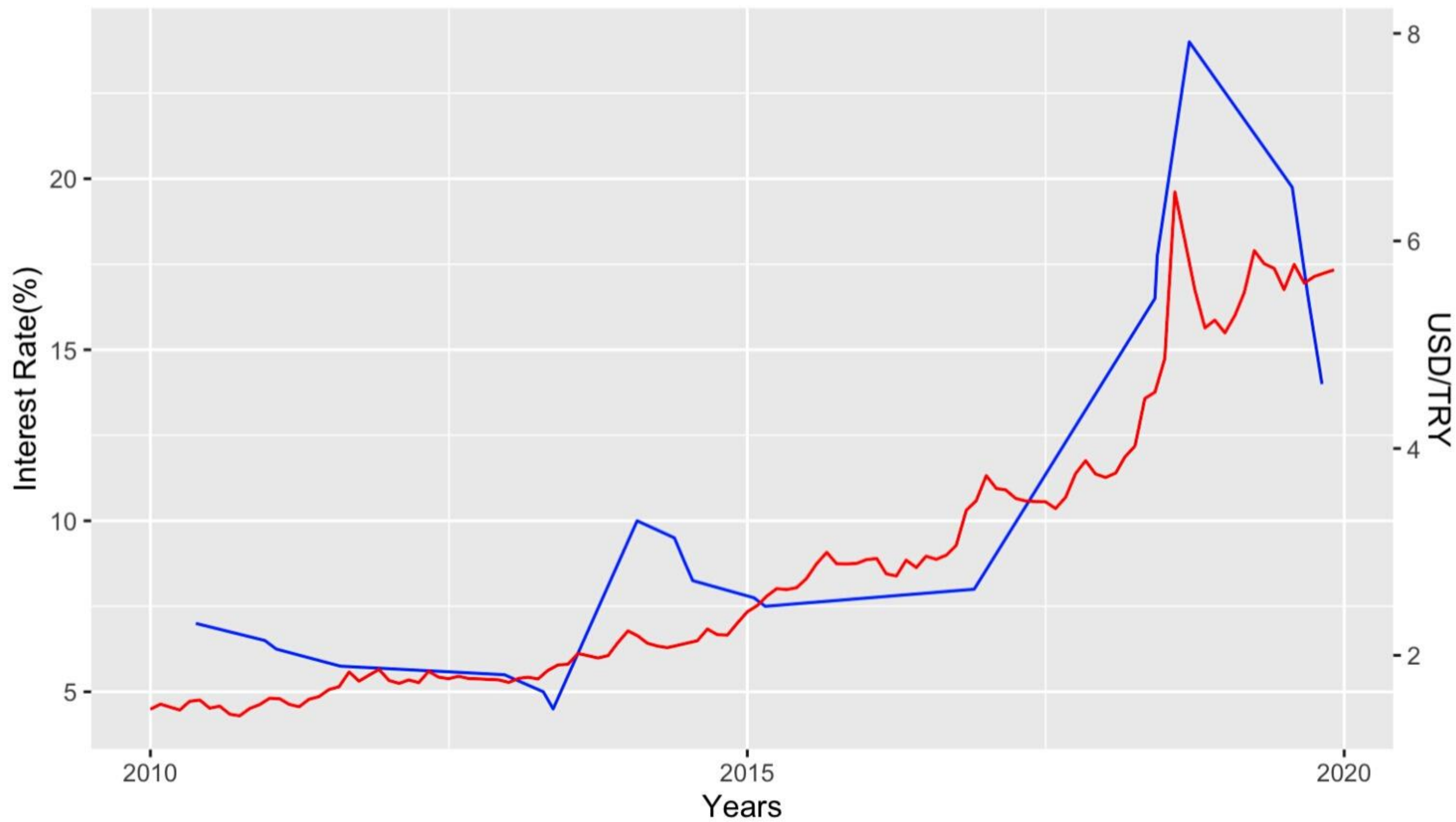
- We examined the of TCMB interest rates decisions on the USD/TRY rate
- Investigate CPI,PPI rates and compare price indexes(ÜFE-TÜFE)
- Investments on technology
- Import-Export and Trade Balance

# Interest Rate

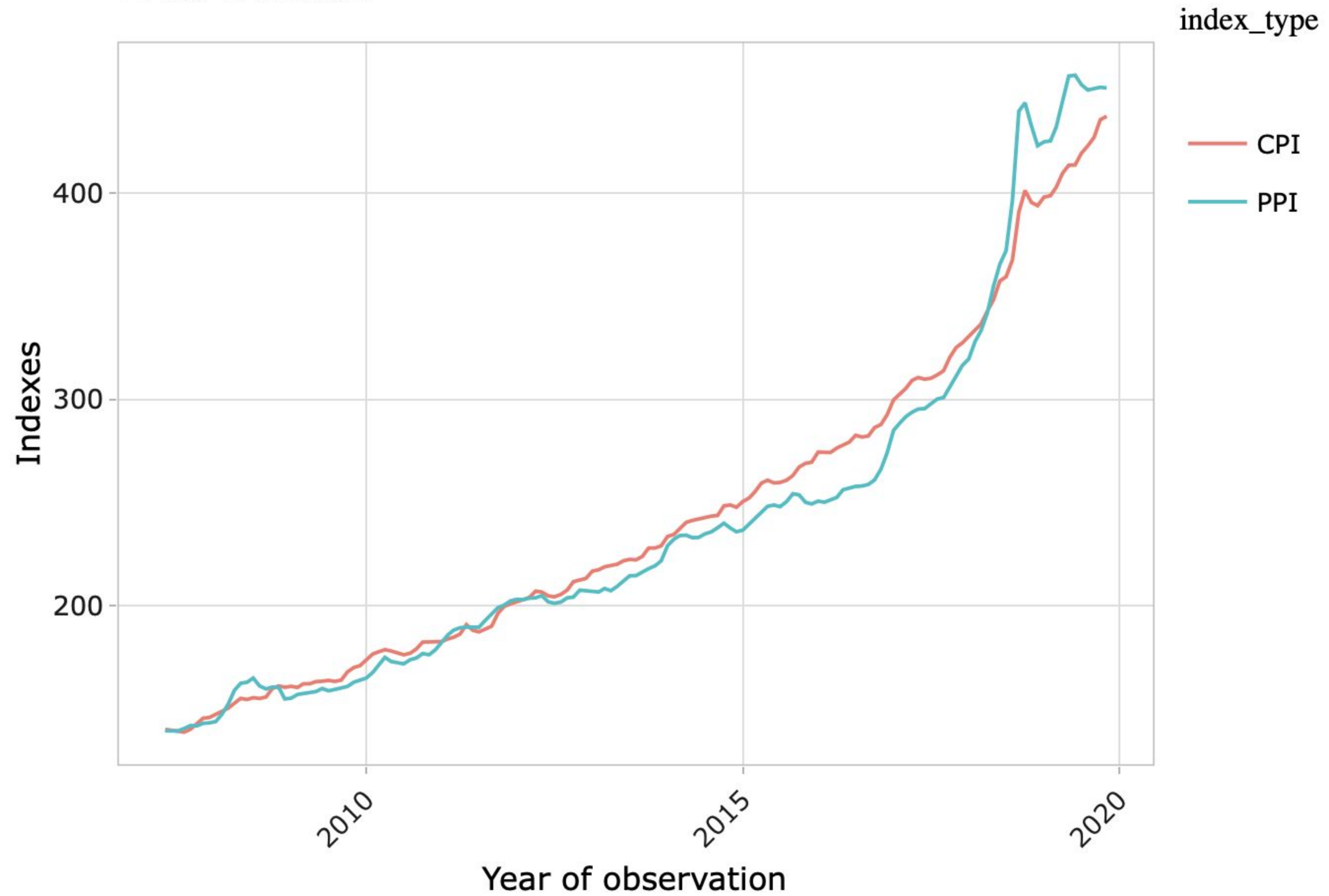
TCMB Interest Rates

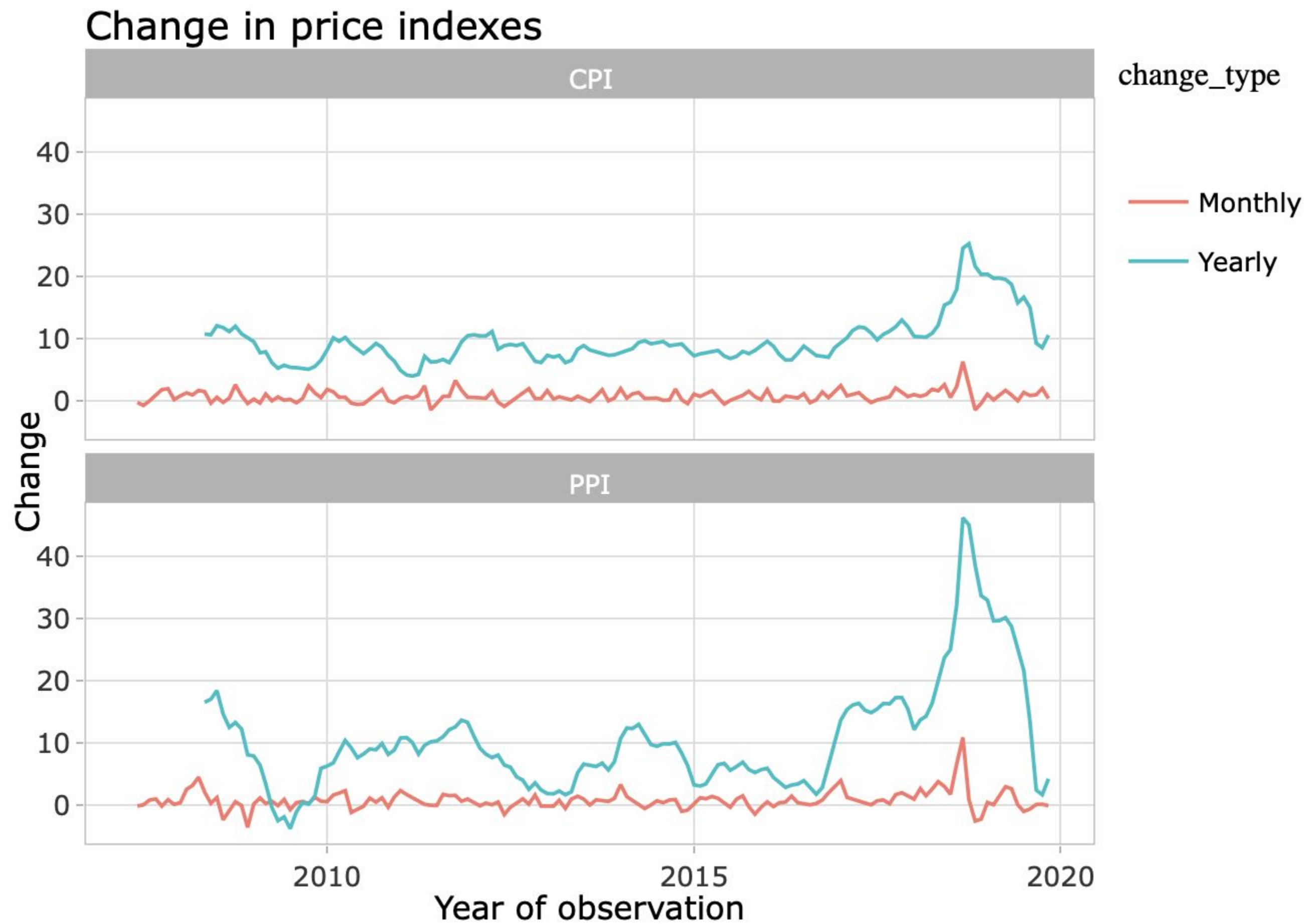


# TCMB Interest Rates vs USD/TRY



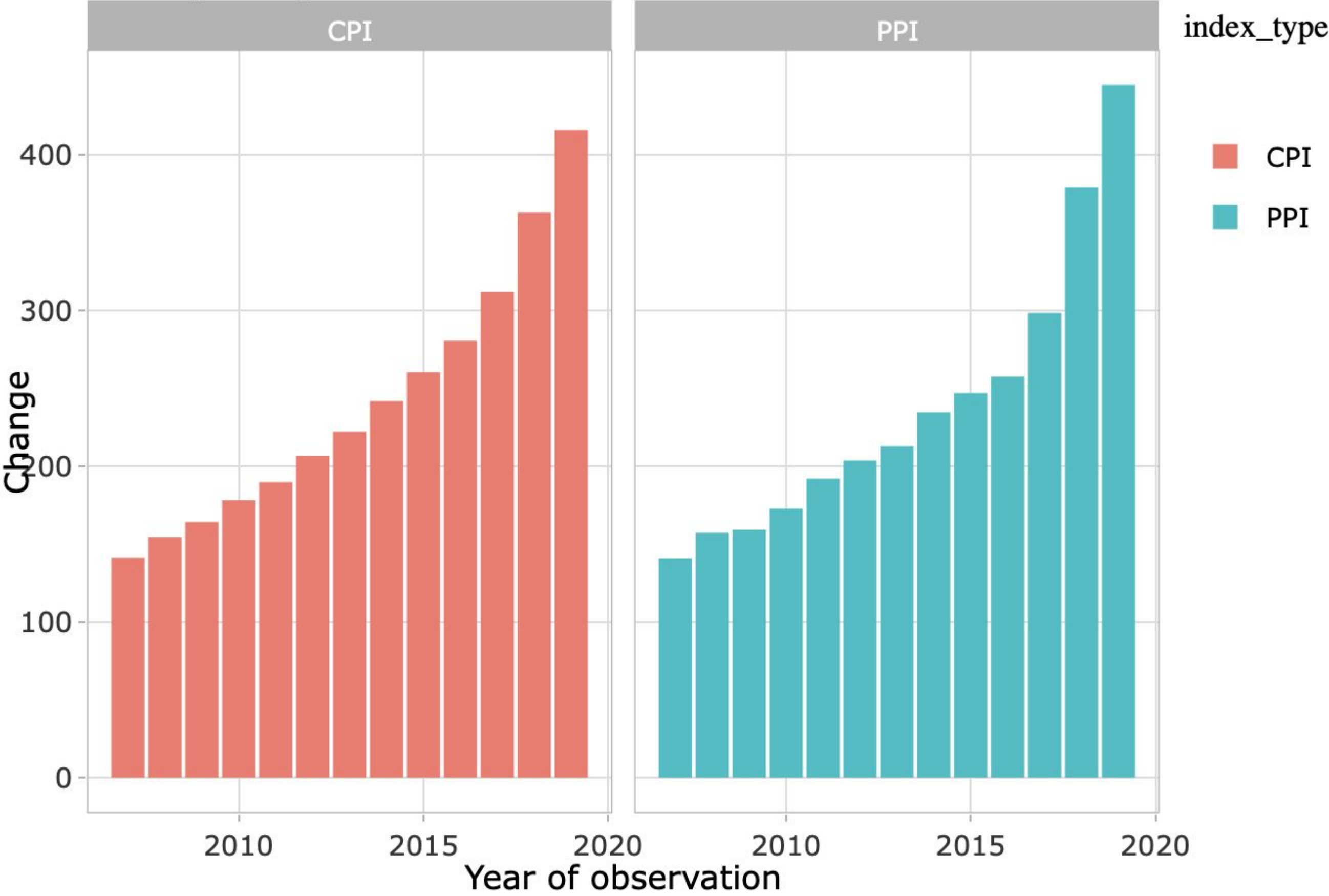
## Price Indexes





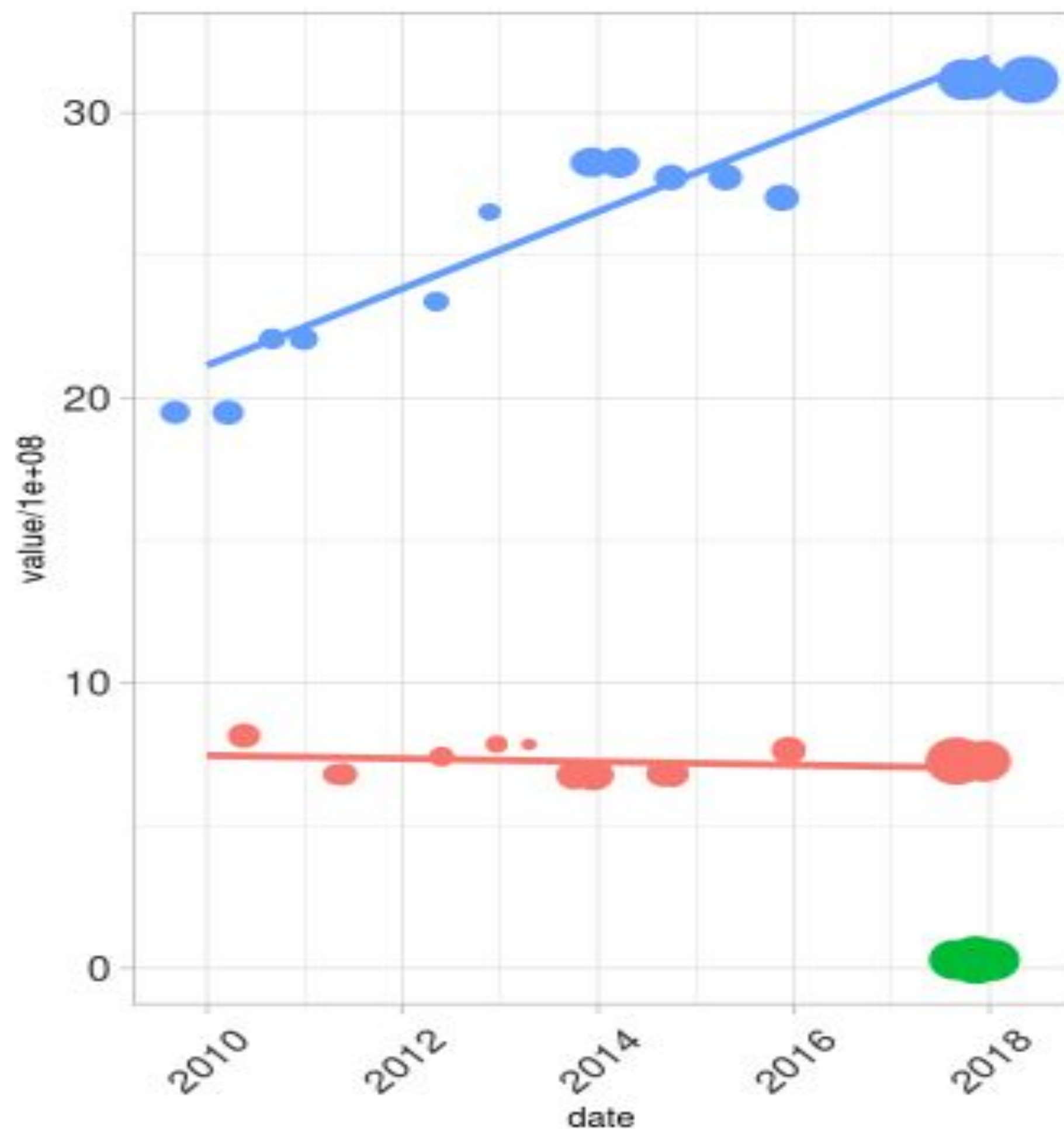


# Change in price indexes





# TECH EXPORT VS INTEREST RATE



indicator\_name

Charges for the use of intellectual property, payments (BoP, current US\$)

Charges for the use of intellectual property, receipts (BoP, current US\$)

High-technology exports (current US\$)

rate

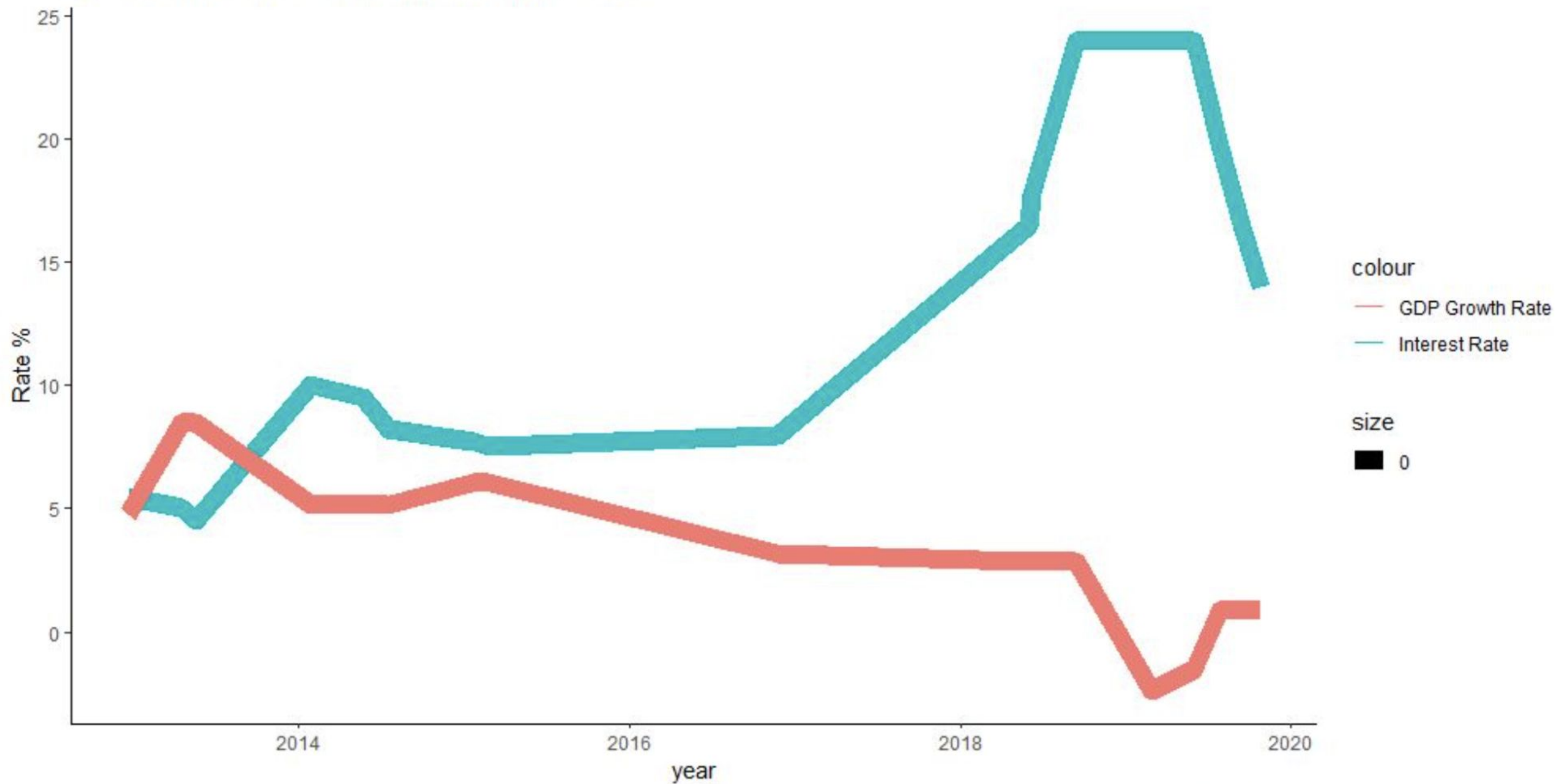
5

10

15

20

Correlation between Interest and GDP Growth



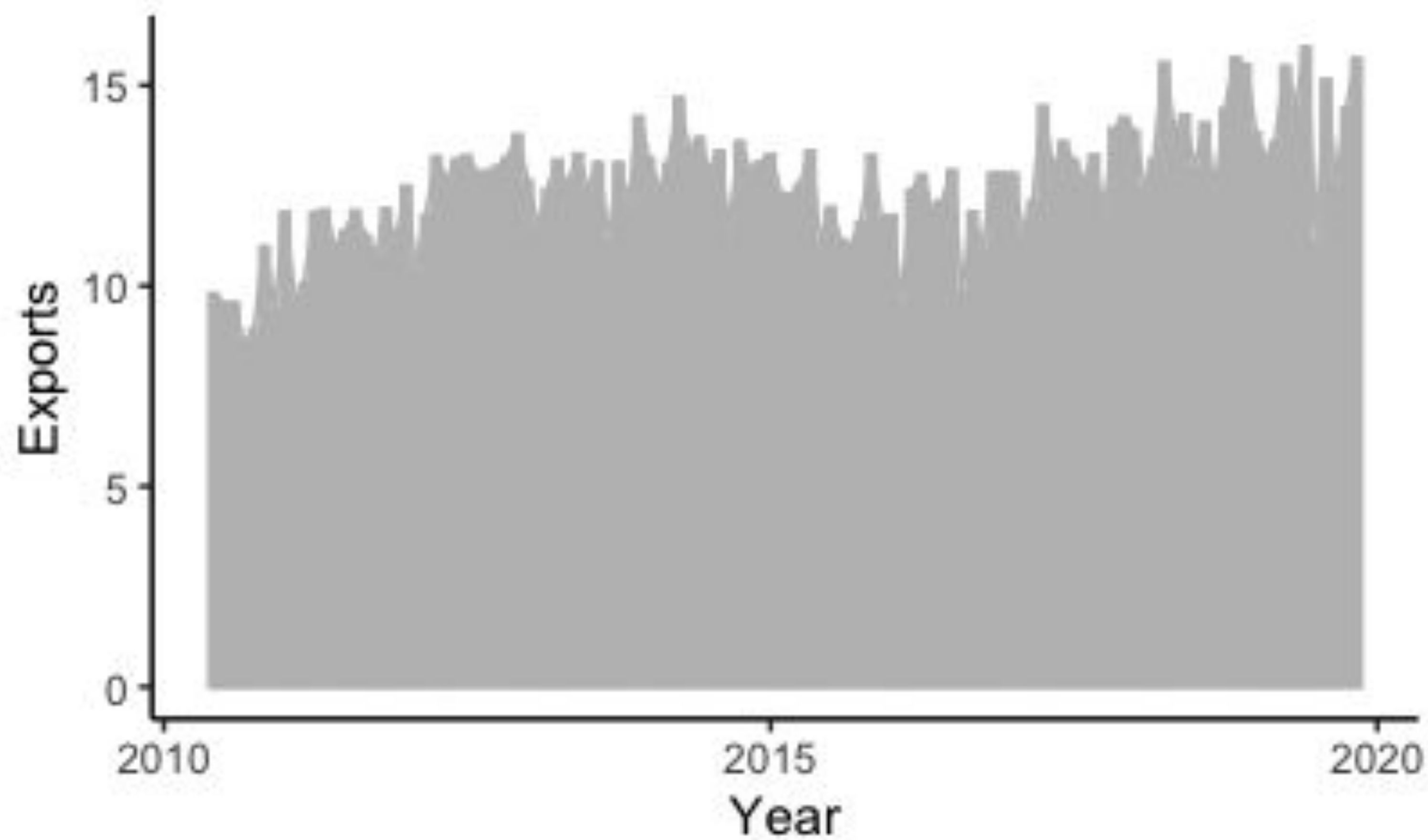
Source: TUIK

Correlation between Interest and GDP Growth



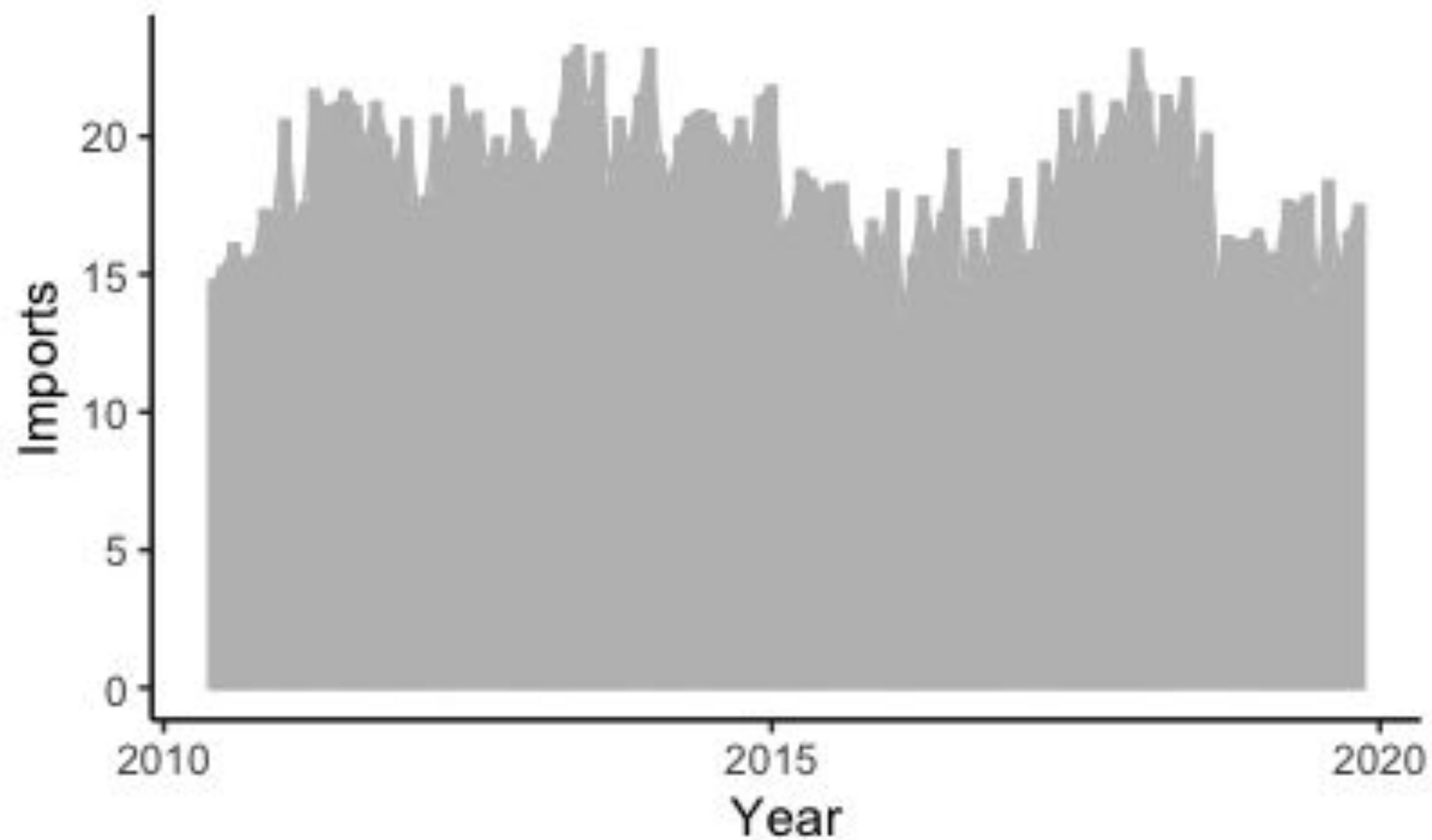
Source: TUIK

## Exports (USD in billions)



Source: TÜİK

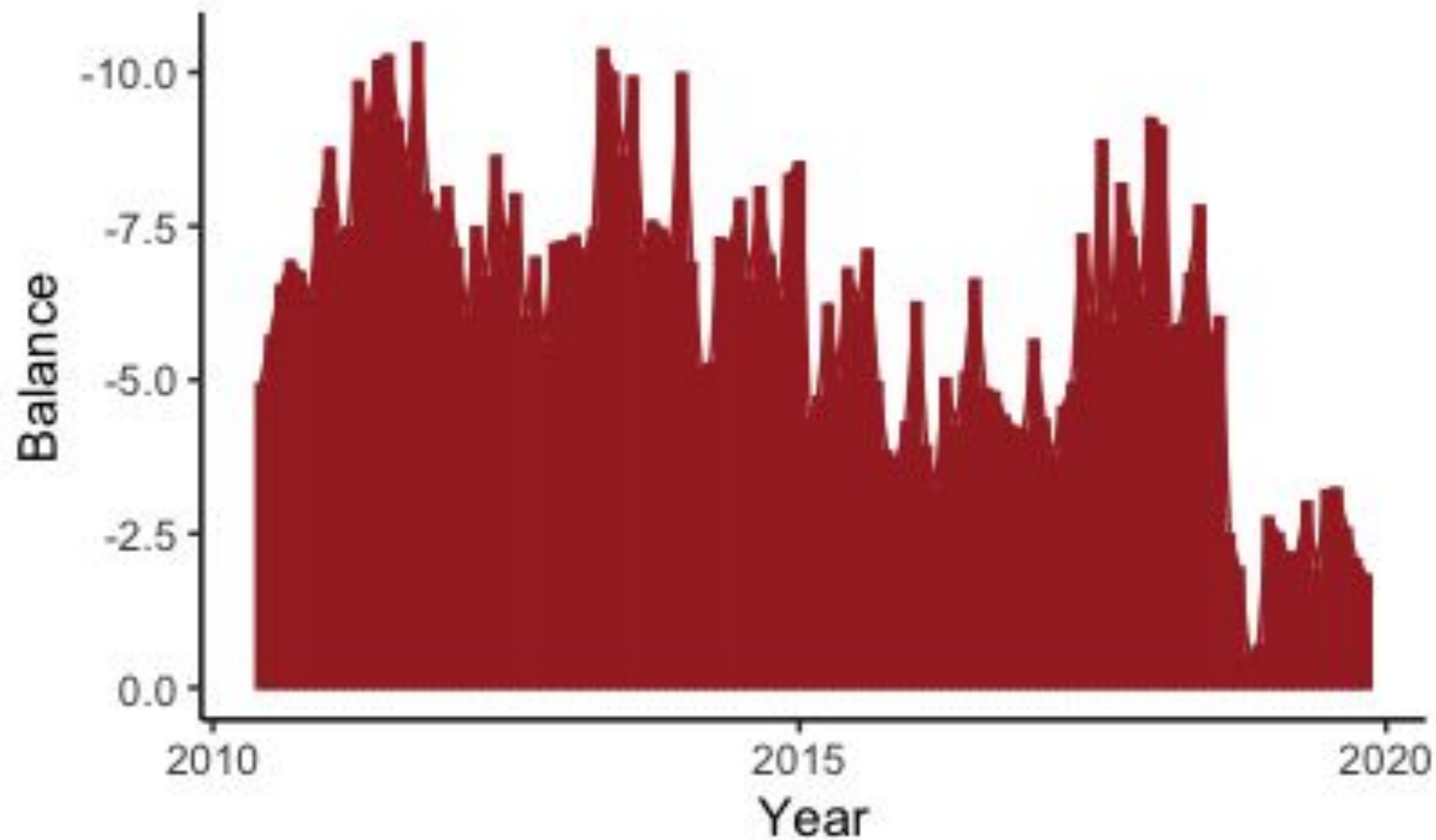
# Imports (USD in billions)



Source: TÜİK

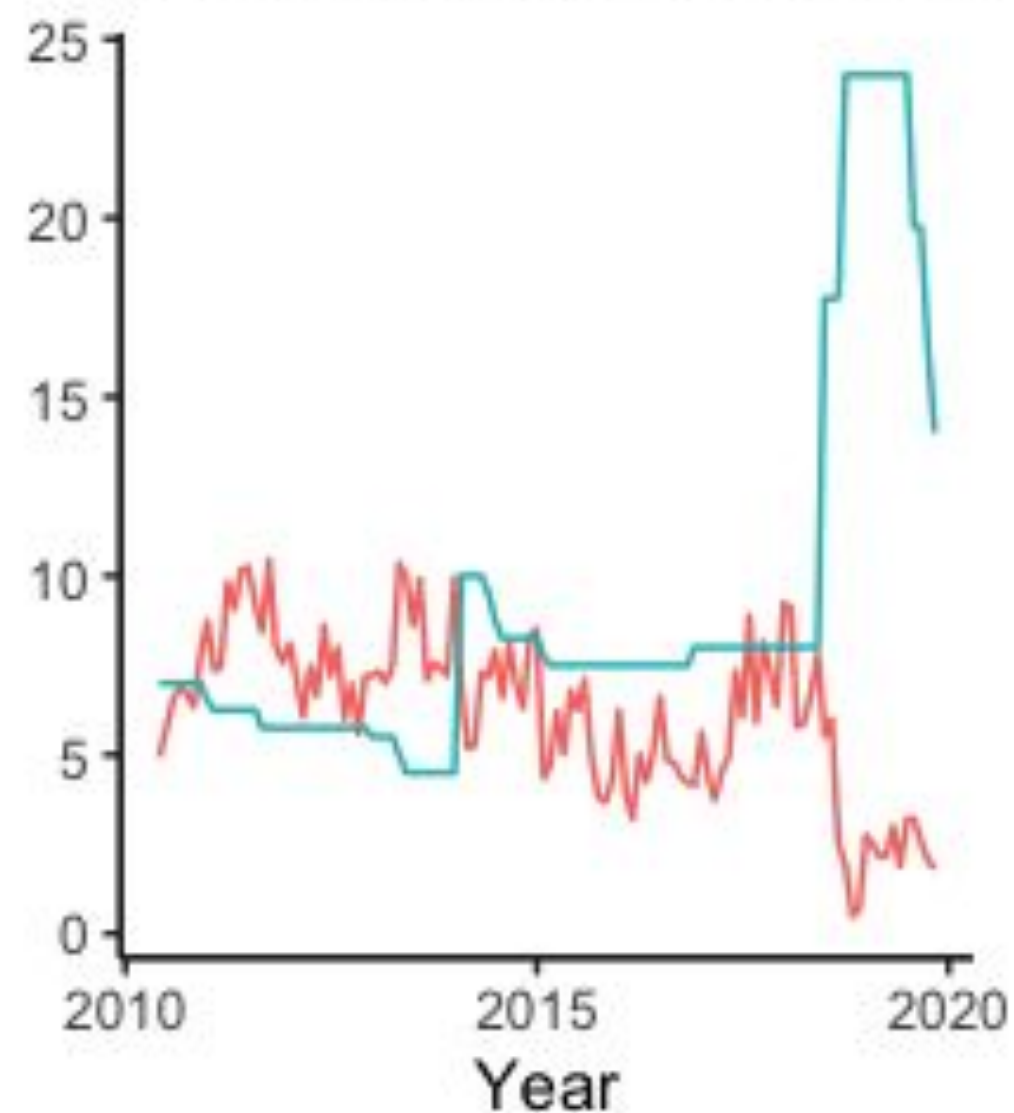


# Foreign Trade Balance (USD in billions)



Source: TÜİK

### Current Account Deficit

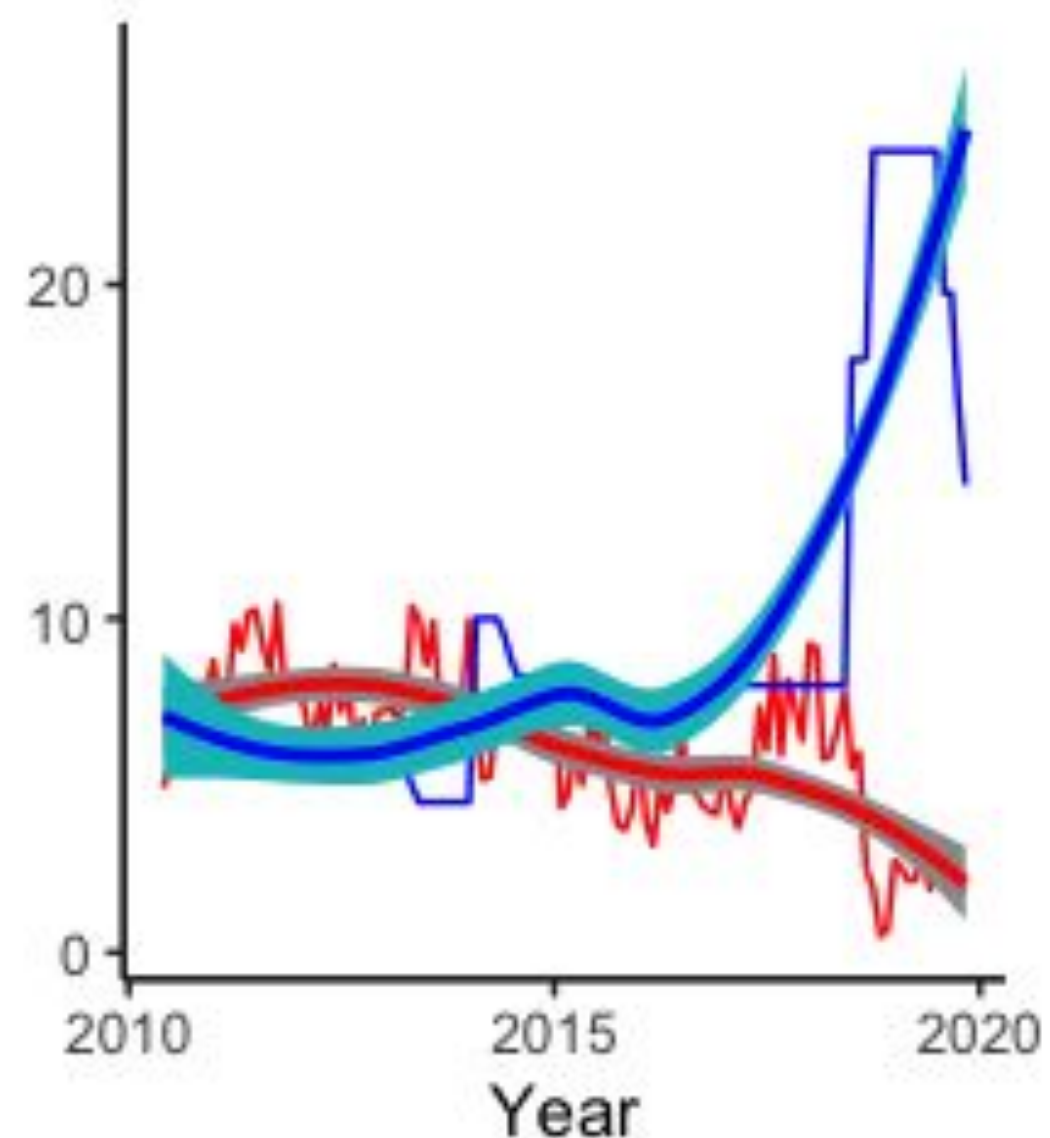


Source: TÜİK, TCMB

colour

- CAD (USD in billions)
- Interest Rate (%)

### Current Account Deficit



Source: TÜİK, TCMB

fill

- CAD (USD in billions)
- Interest Rate (%)



