country_migration_plots

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2025-07-02

Countries From

This plots the number of migrants LEAVING a given country.

```r
load("C:/Users/numis/OneDrive/Documents/country_migration.Rdata")

countries = unique(country_migration$country_from)

months = unique(country_migration$migration_month)

#function that plots migrants leaving countries
migrants_leaving = function(country_list){
  #This creates plots of the number of migrants LEAVING a given country in a month
  for(c in country_list){

    total_migrants = c()

    for(m in months){

      monthdata = country_migration[country_migration$country_from == c &
                                      country_migration$migration_month == m, ]

      monthtotal = sum(monthdata$num_migrants)

      total_migrants = c(total_migrants, monthtotal)
    }


    plot(total_migrants, xaxt = 'n', ylab = "Total Migrants",
         pch = "*", col = 'blue', xlab = "",
         main=paste("Total Migrants Leaving", c))

    lines(total_migrants, col = "black", lty = 1)

    axis(1, at=1:length(months), labels=months, las=2)


  }
}

migrants_leaving(countries)
```
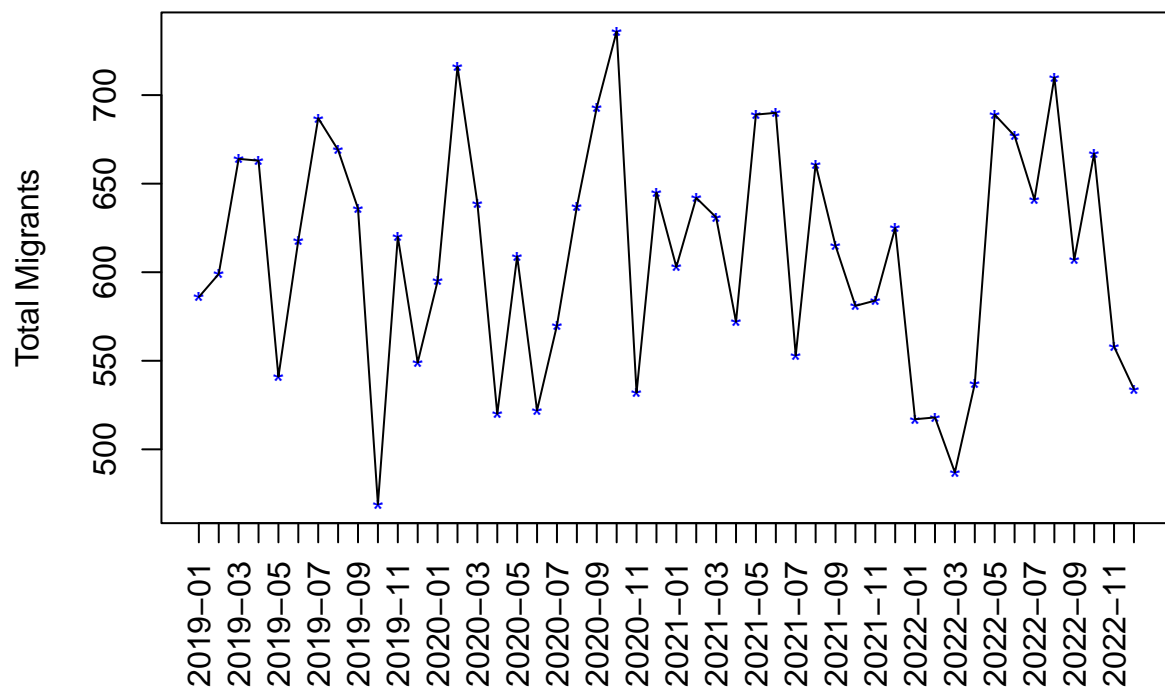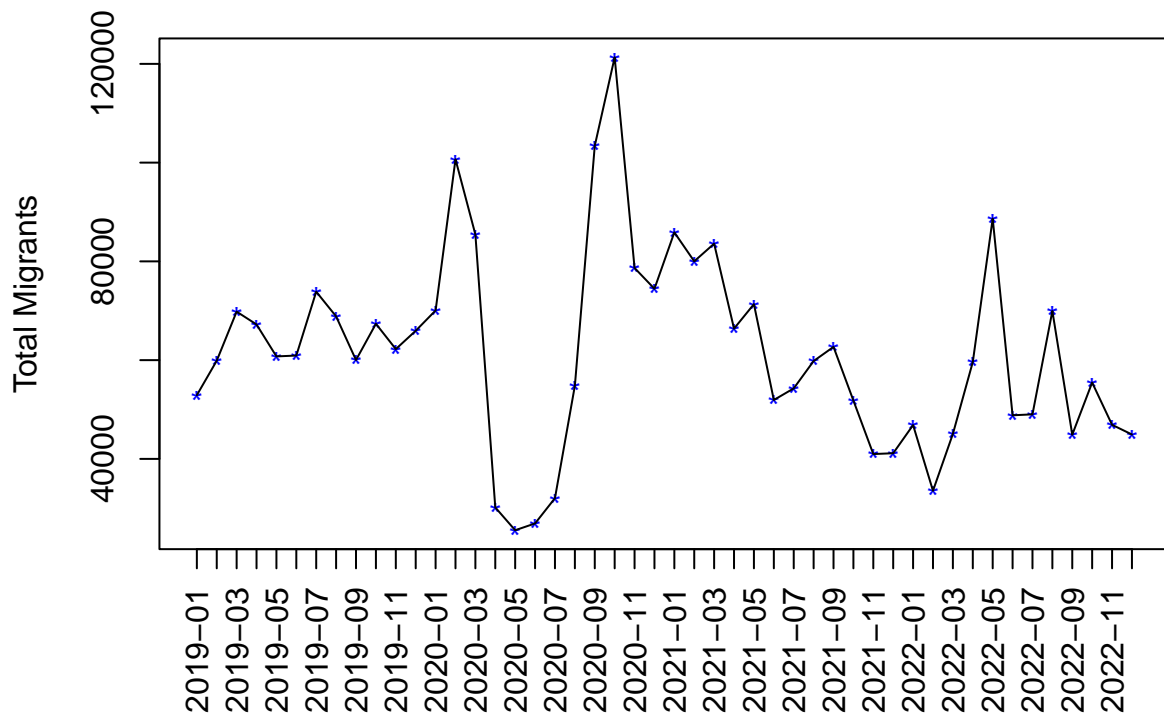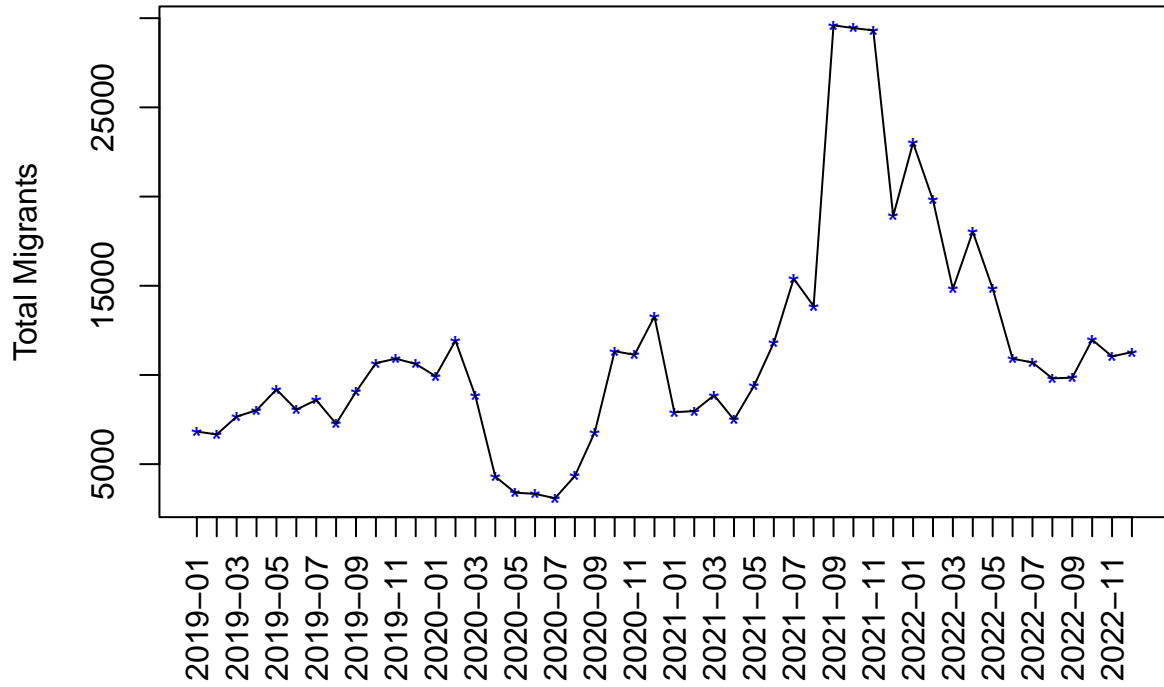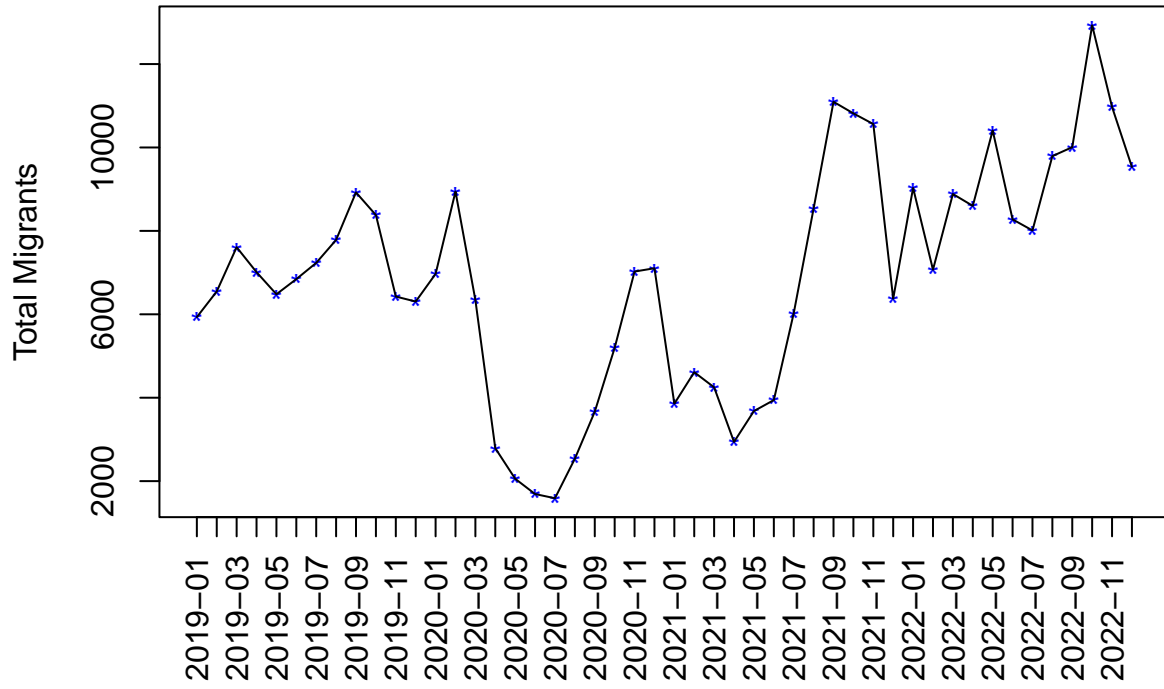
Total Migrants Leaving AD
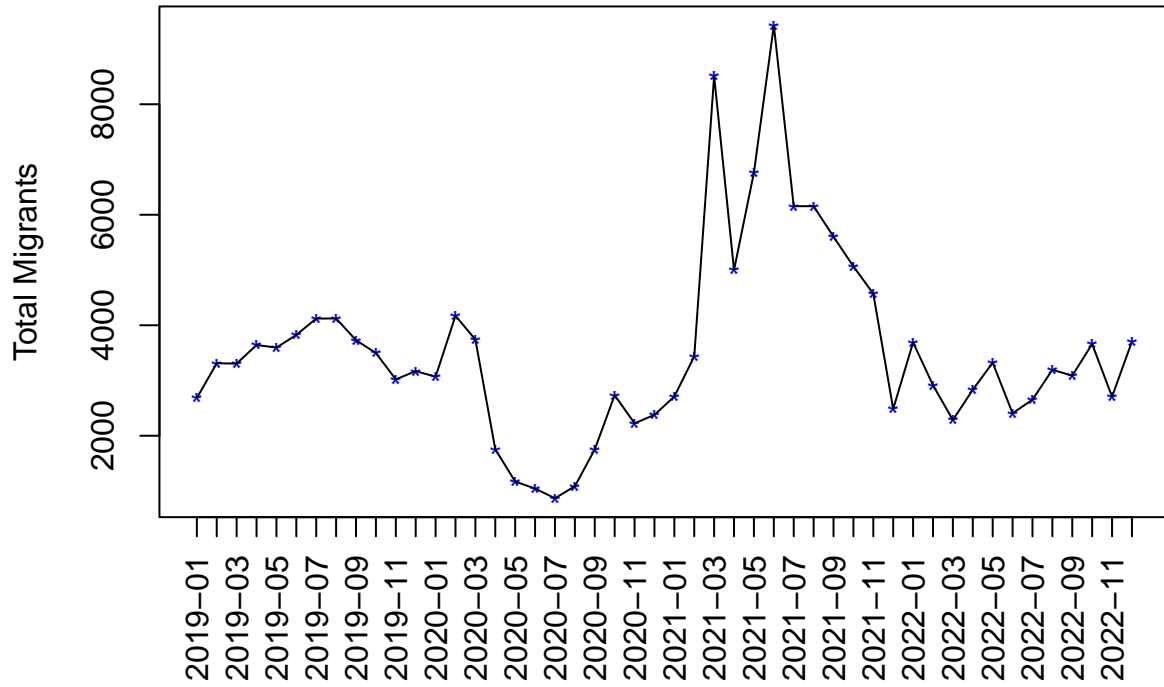
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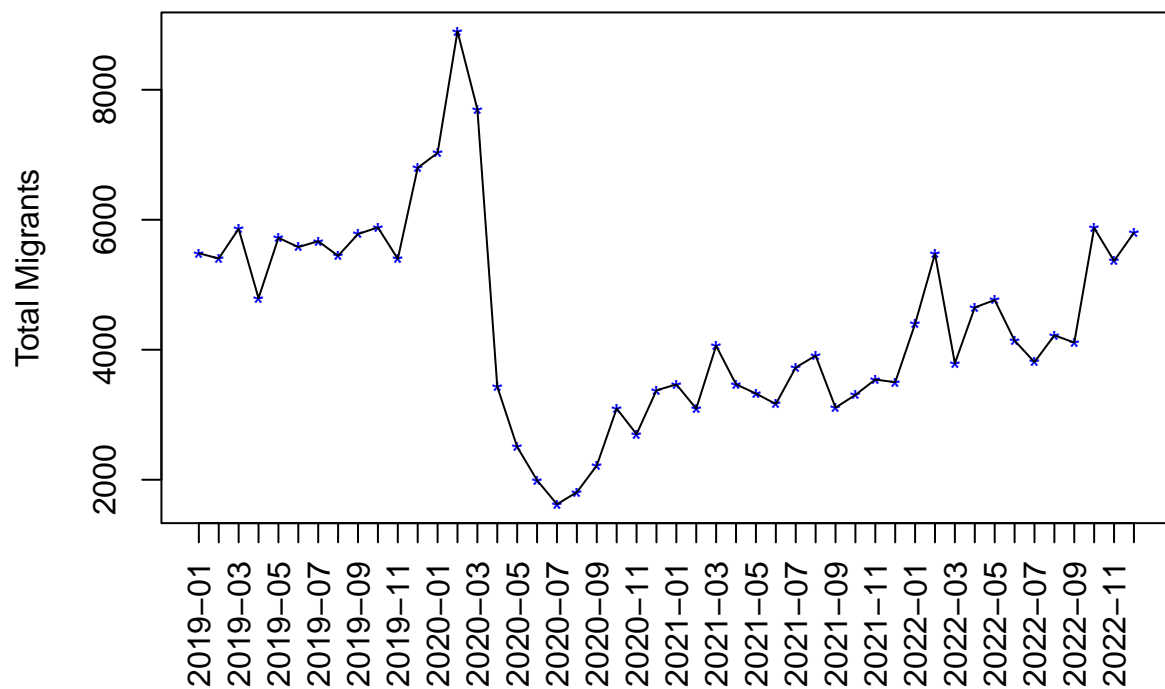
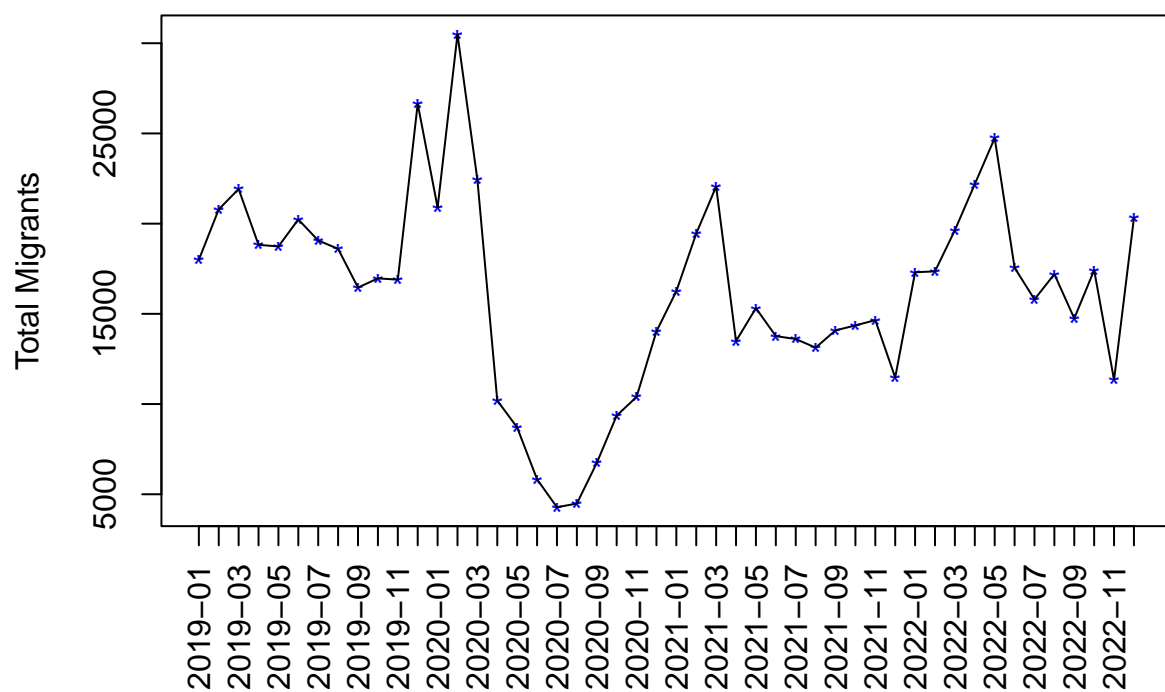# Total Migrants Leaving AF

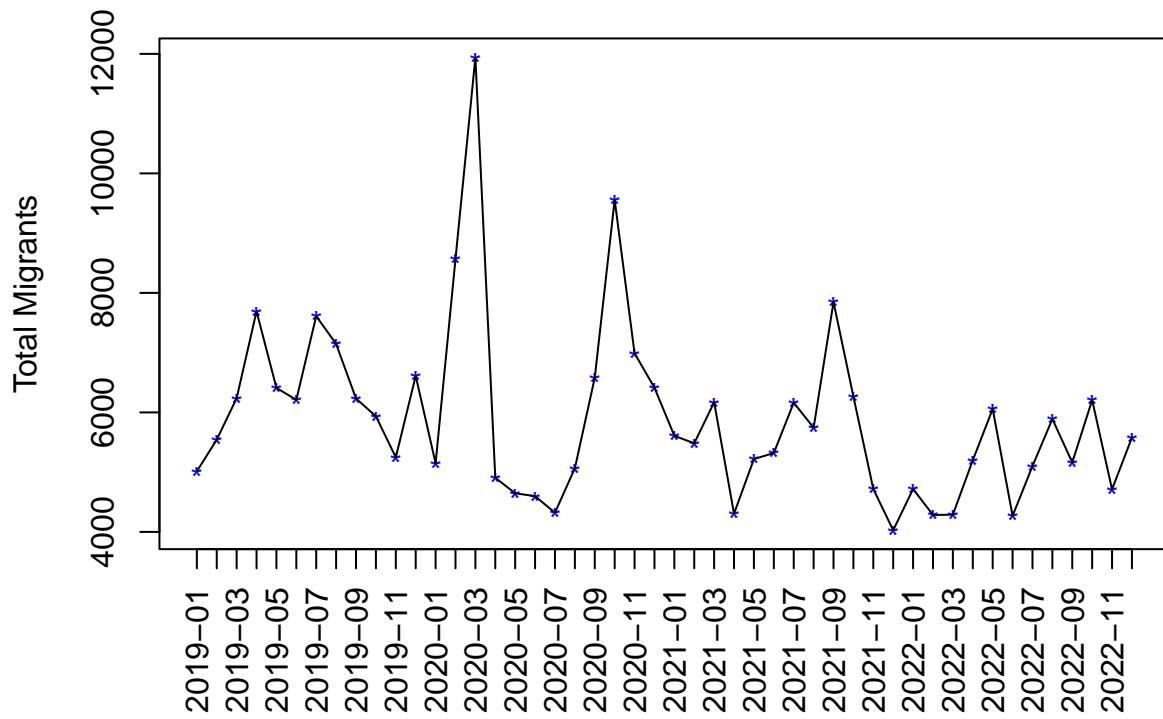# Total Migrants Leaving AL

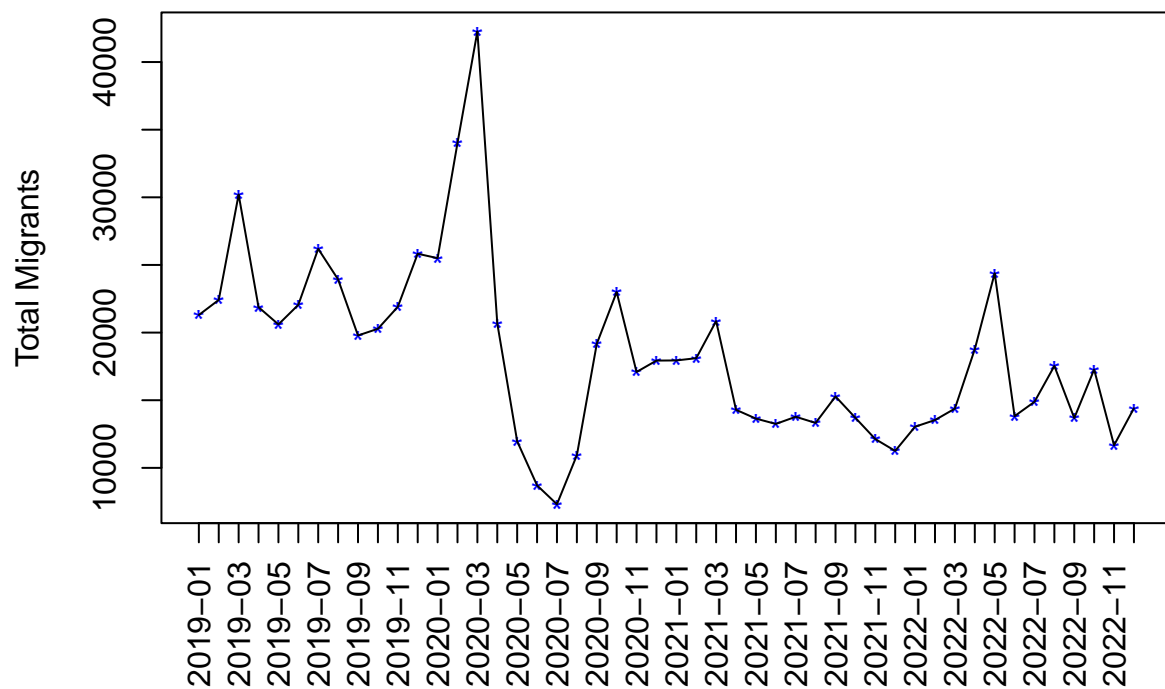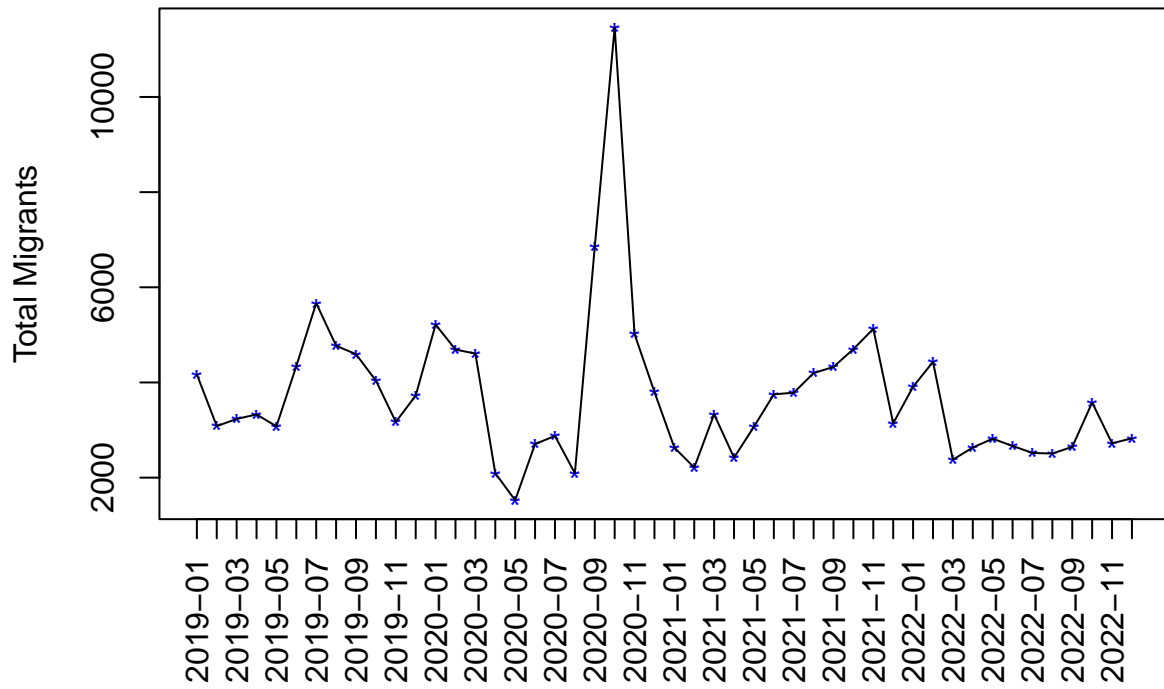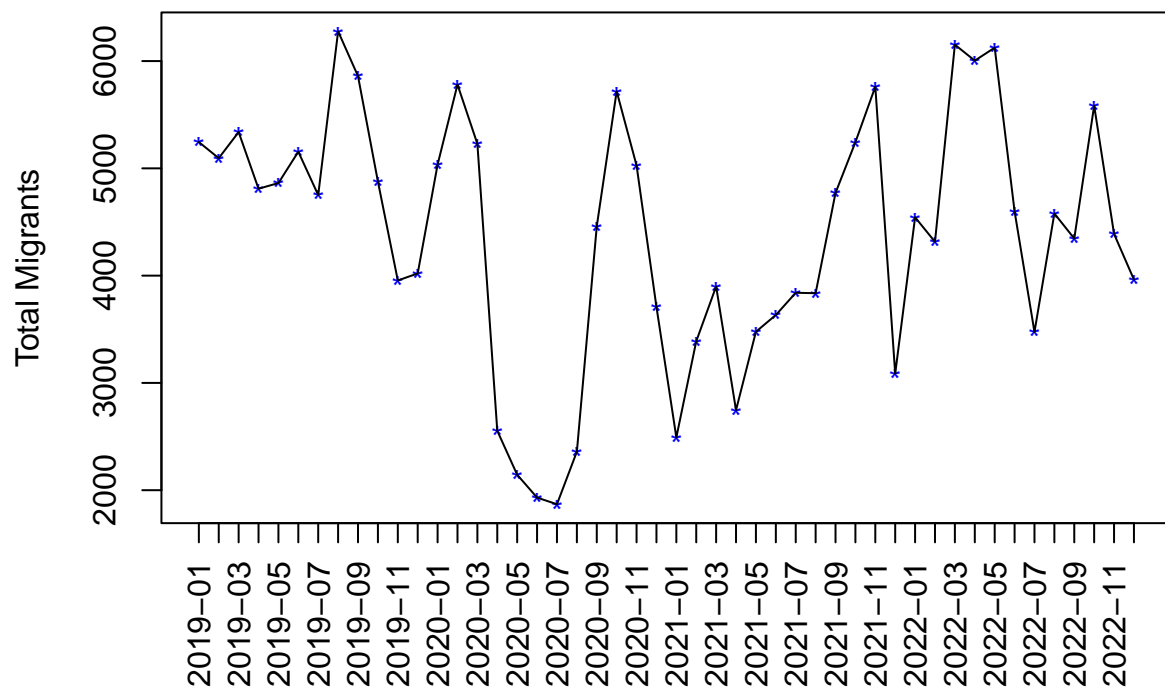# Total Migrants Leaving AM

Total Migrants Leaving AO

Total Migrants Leaving AR

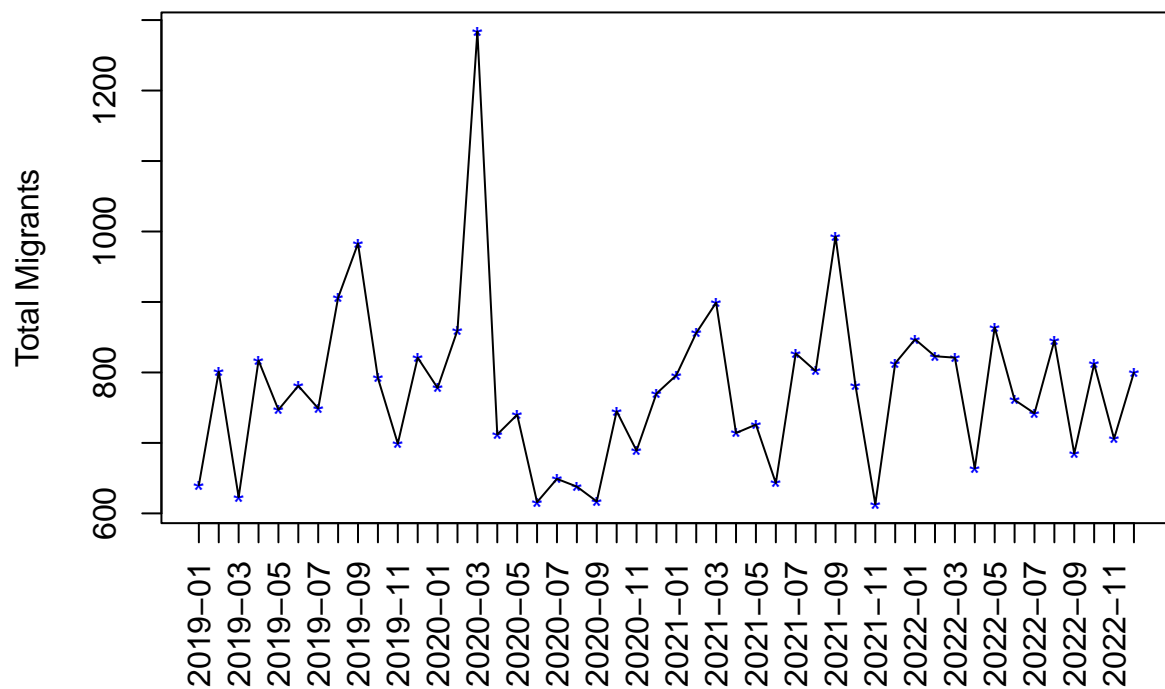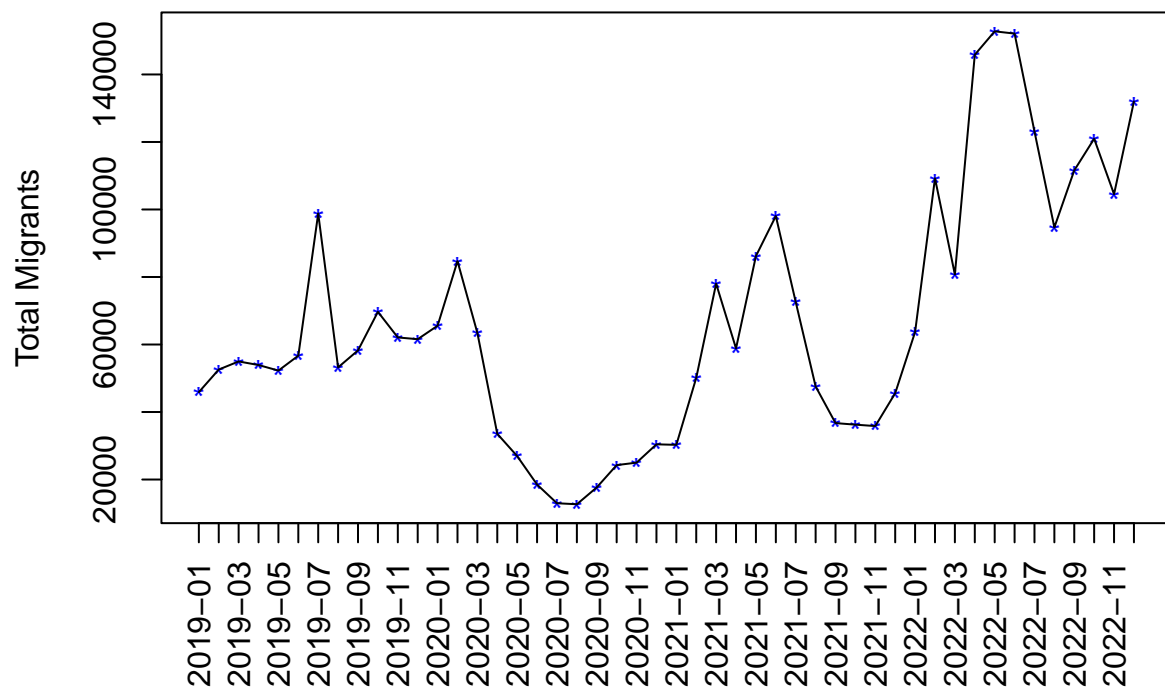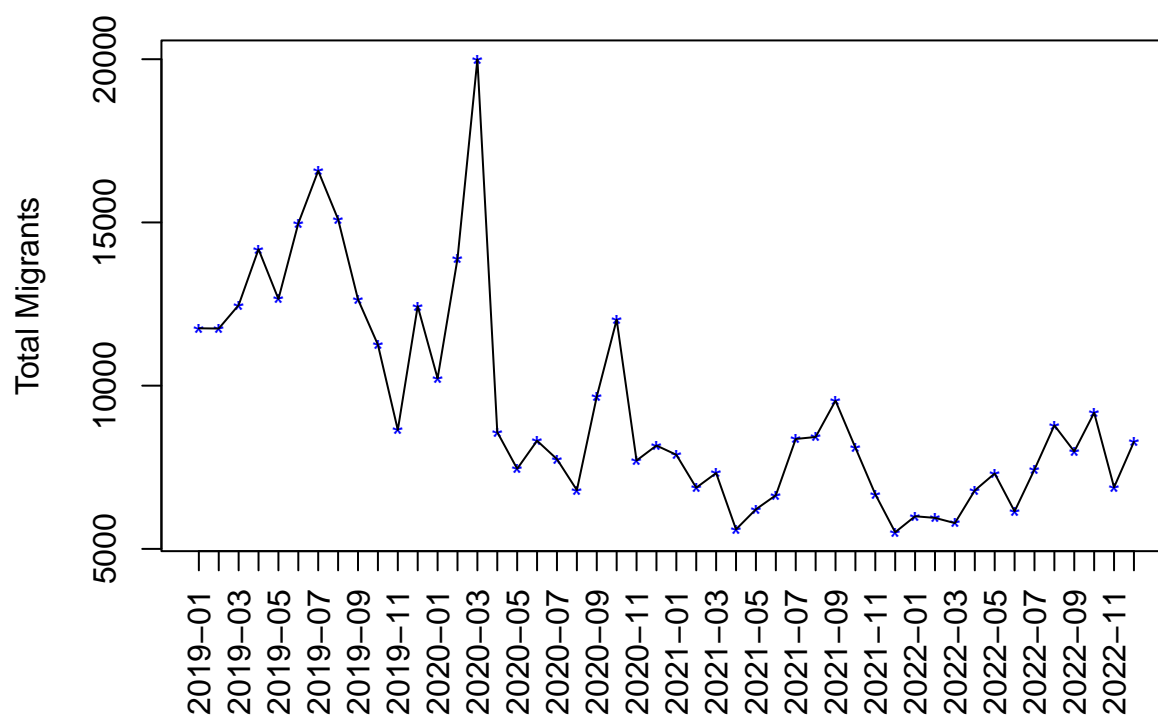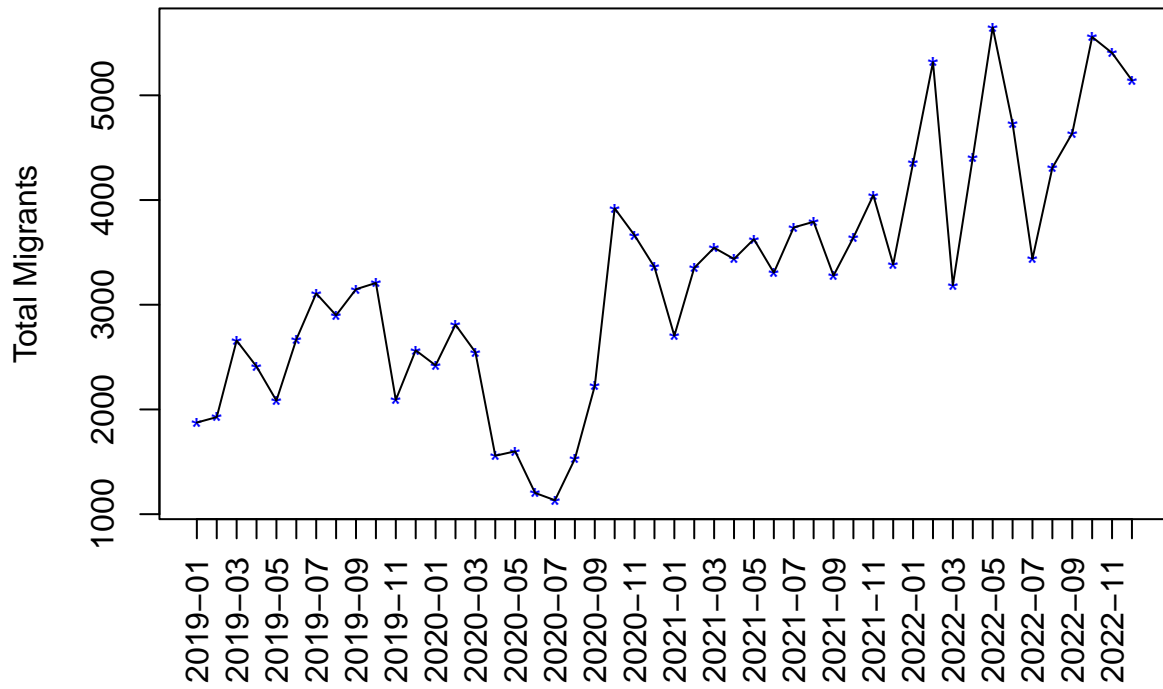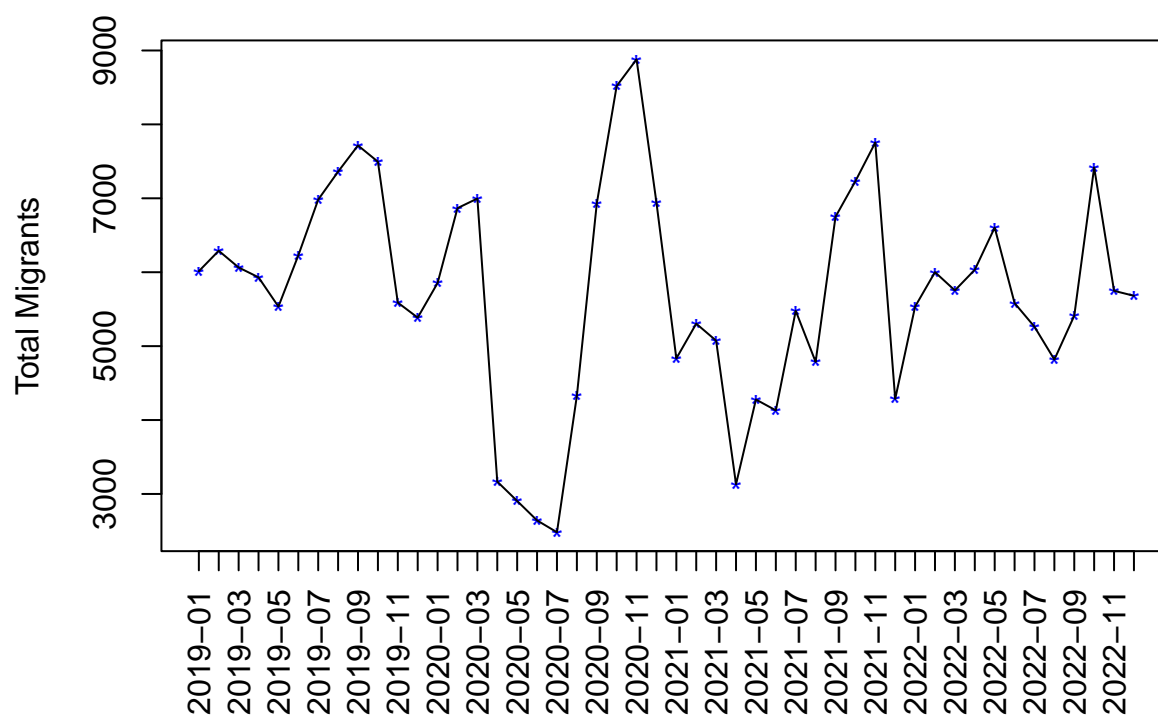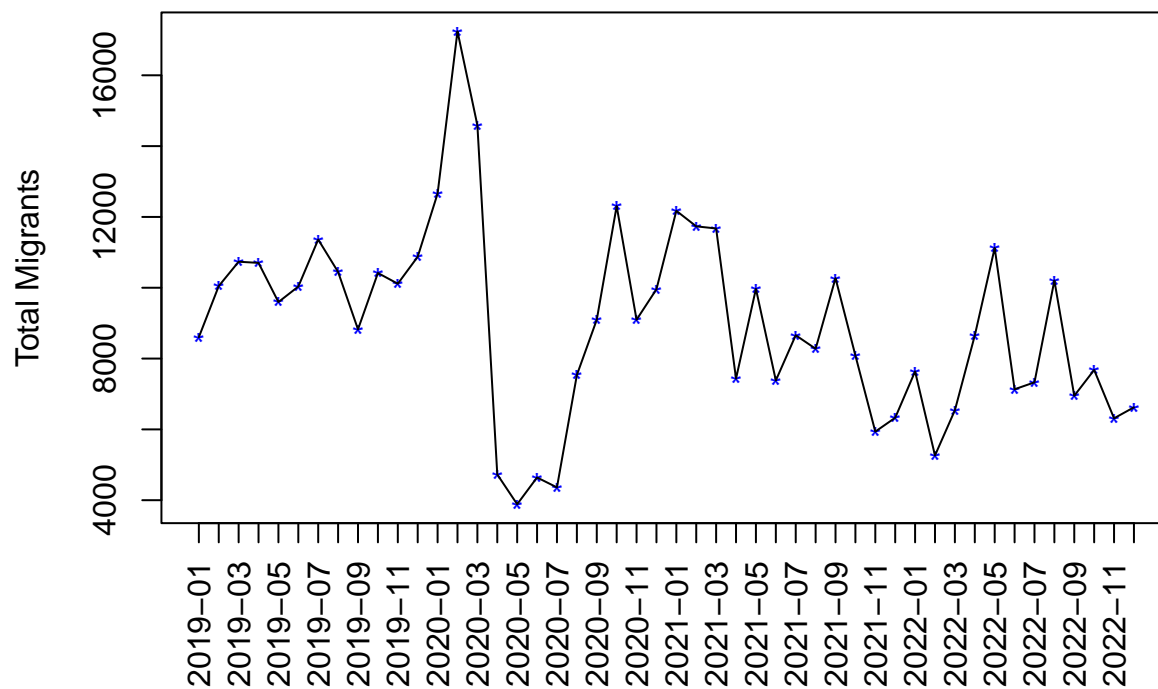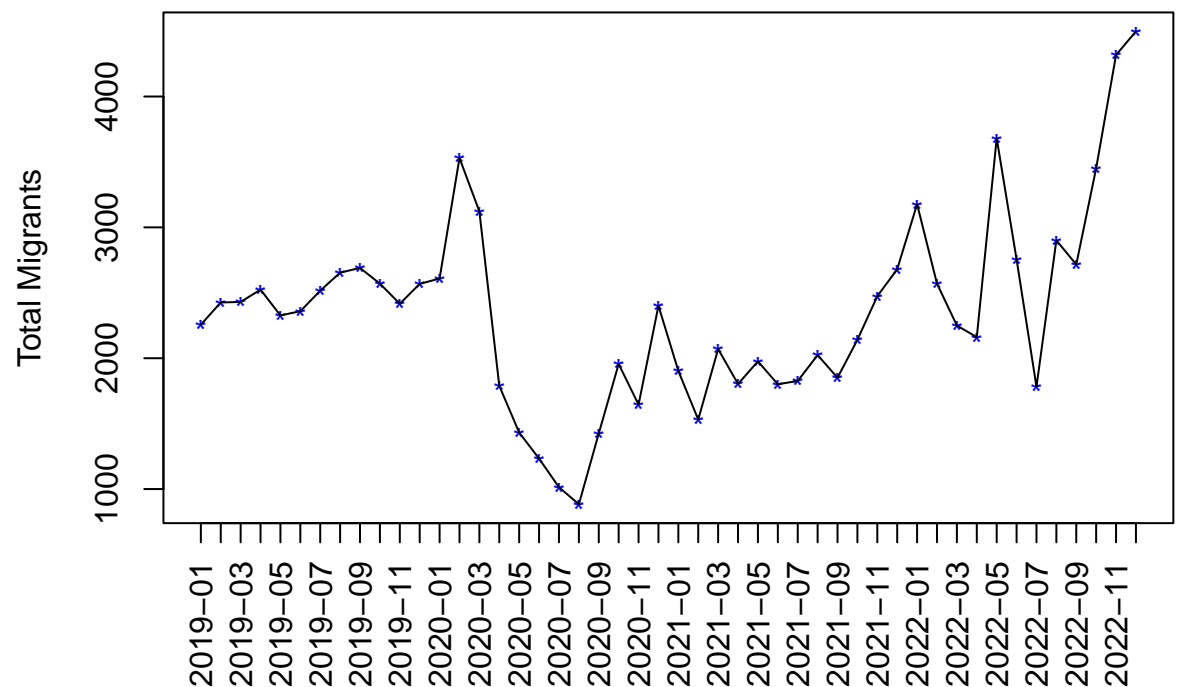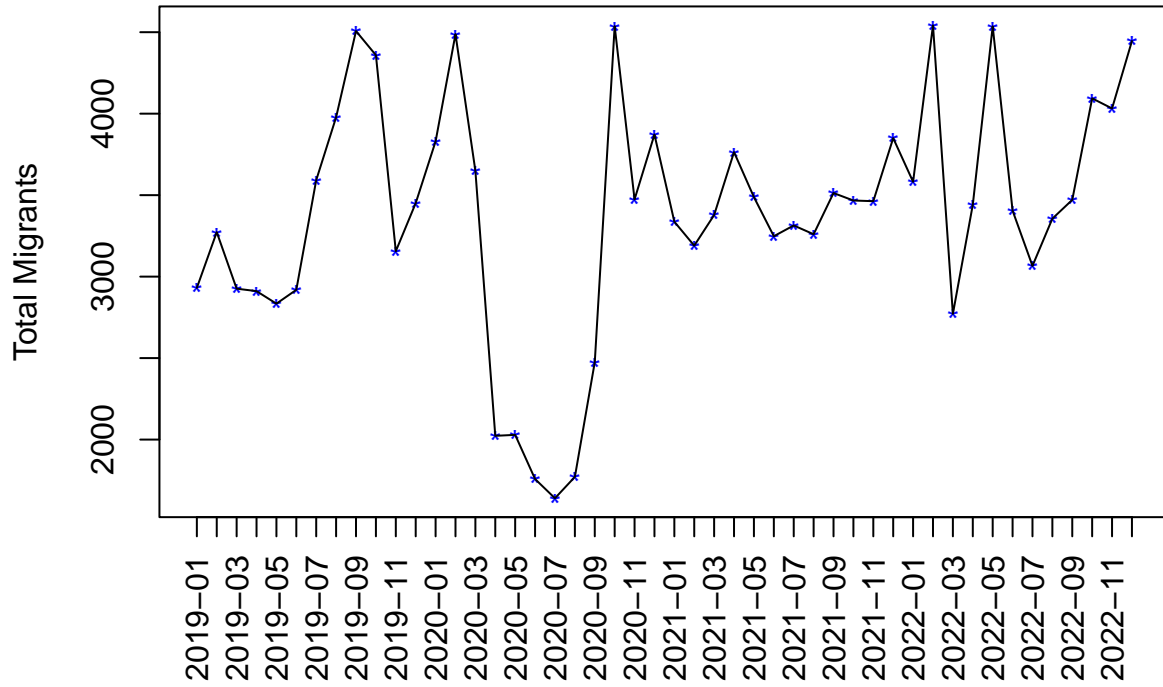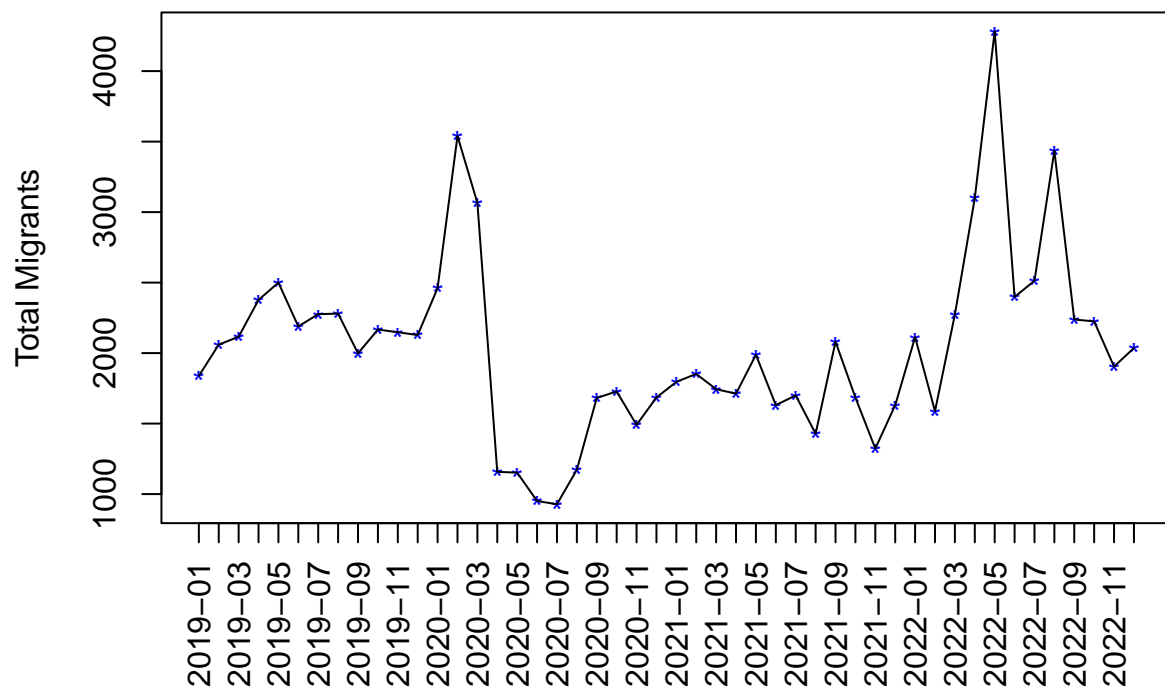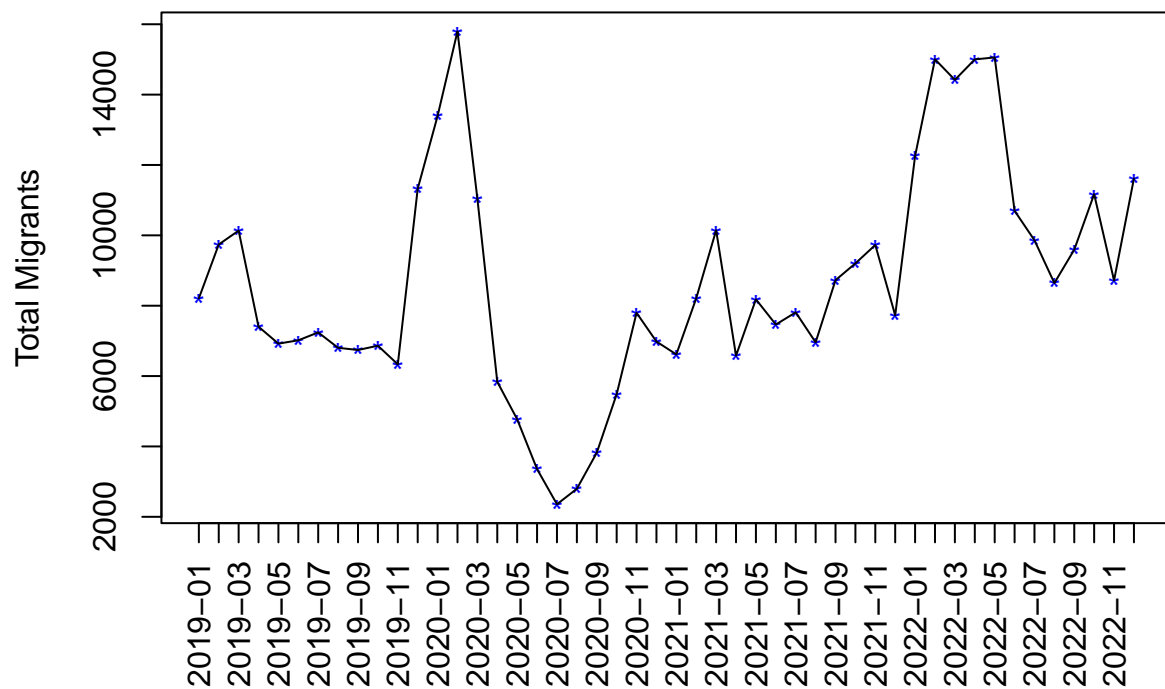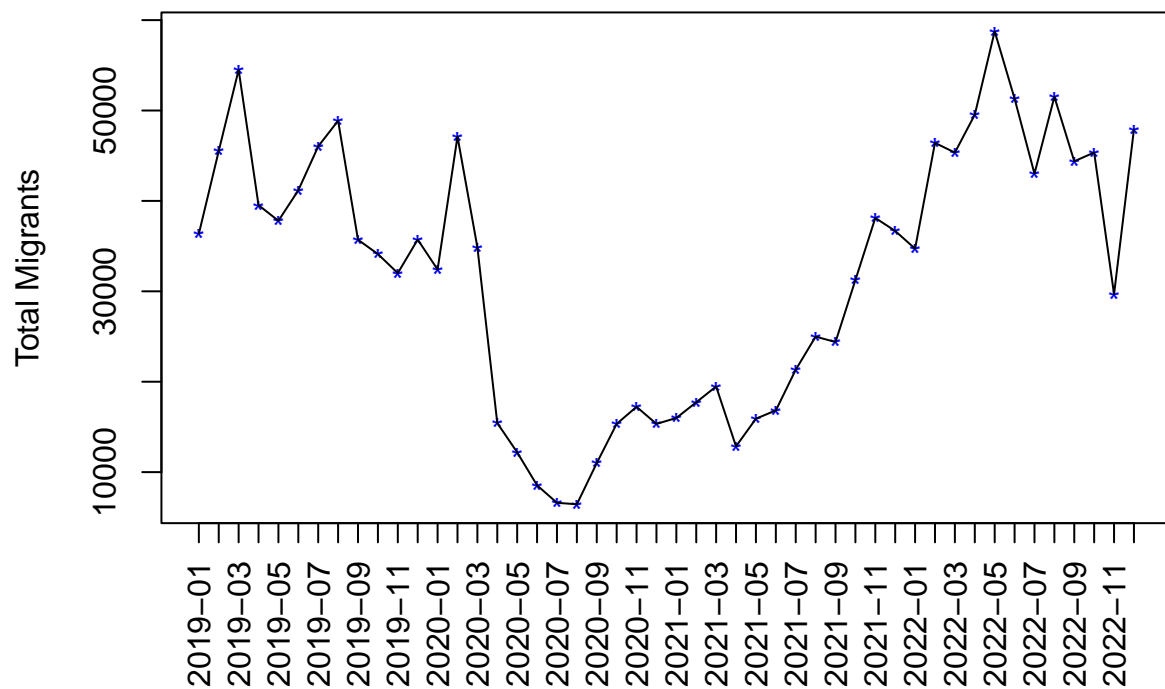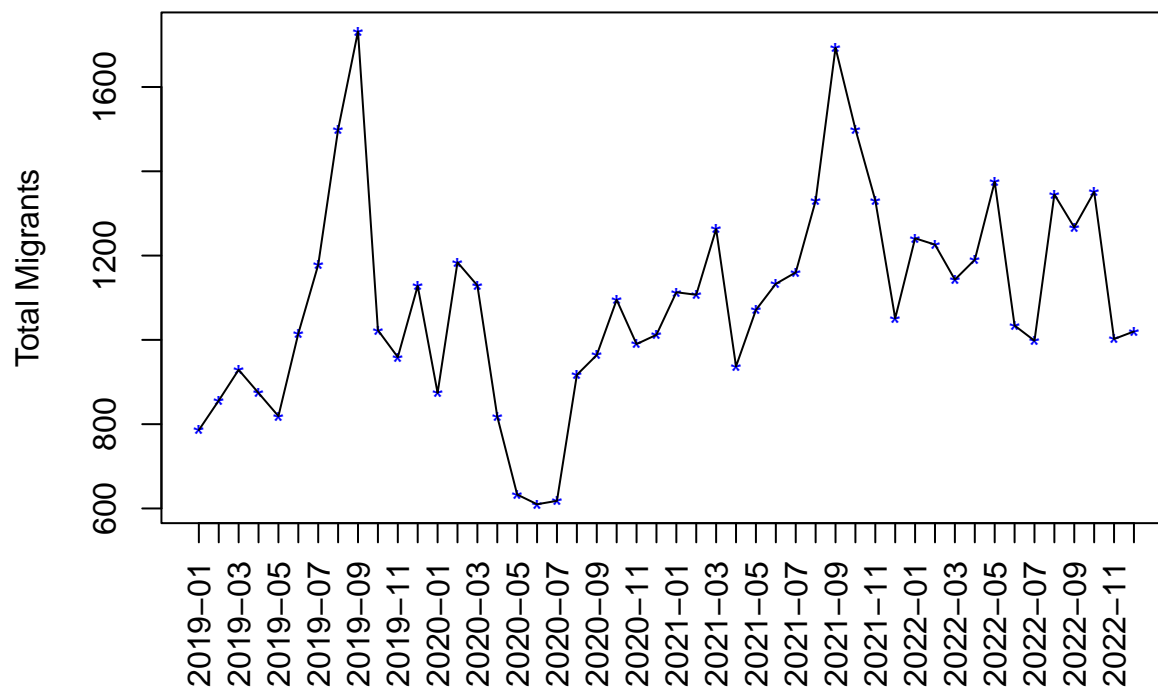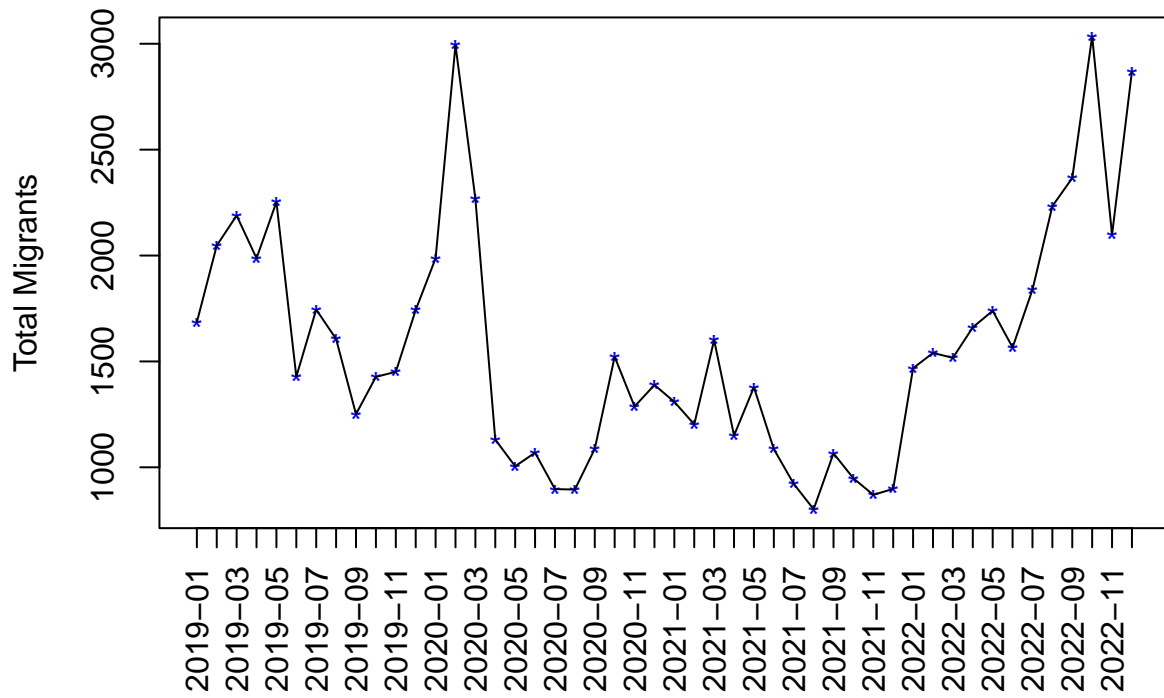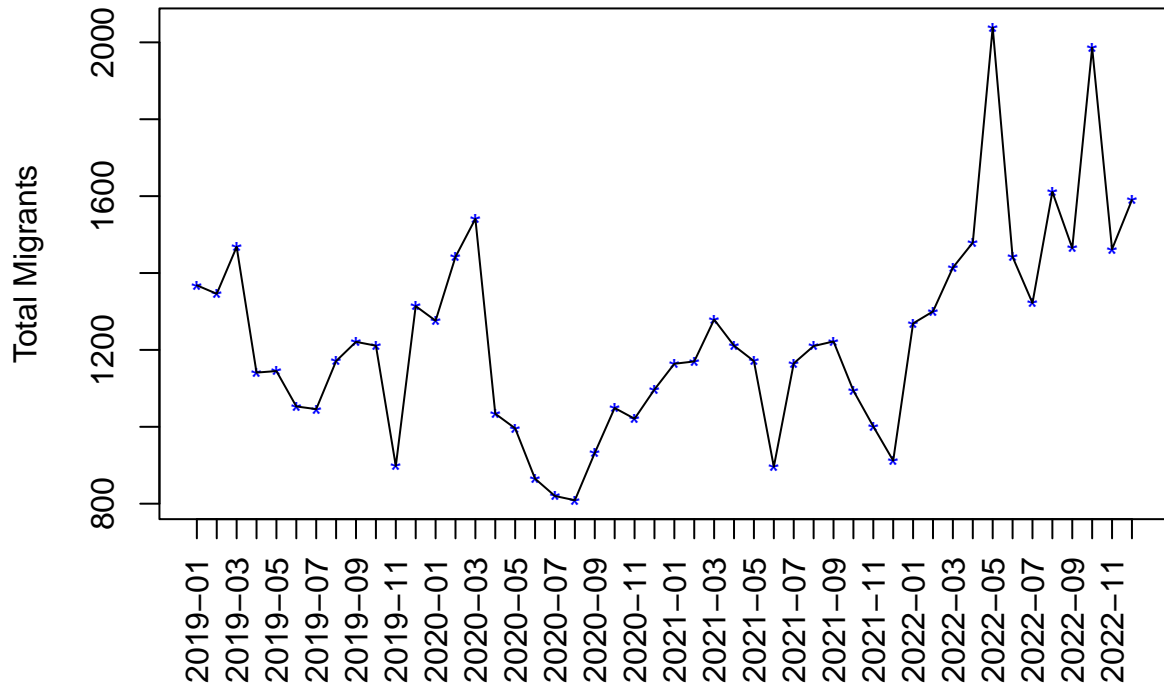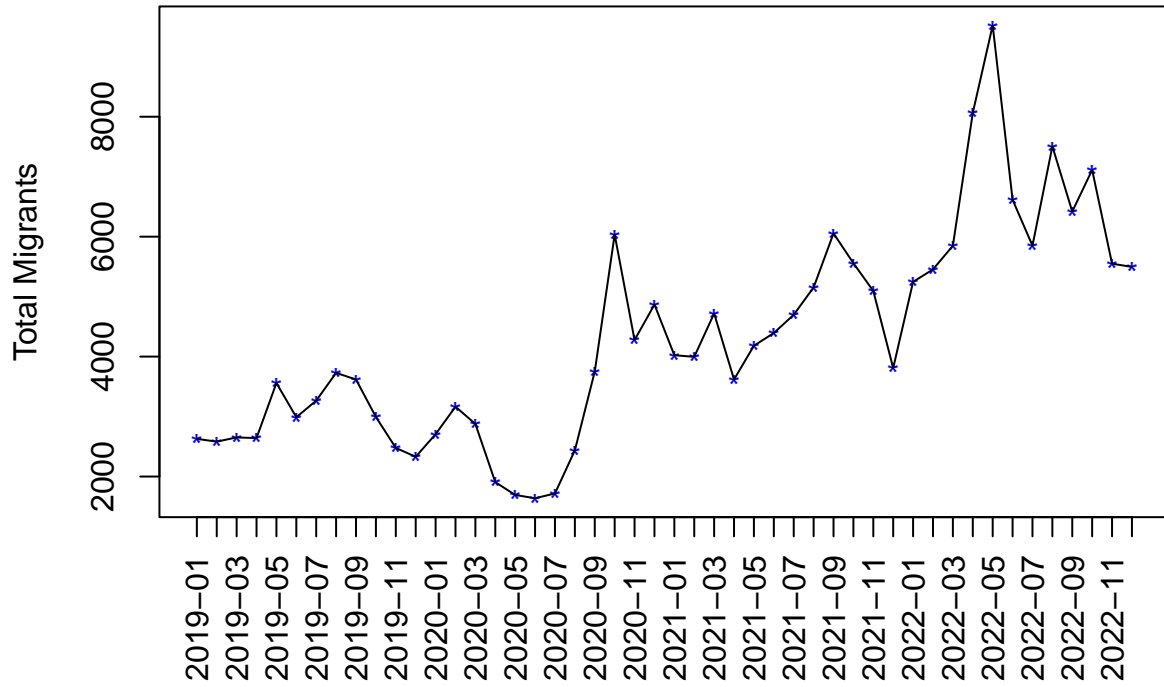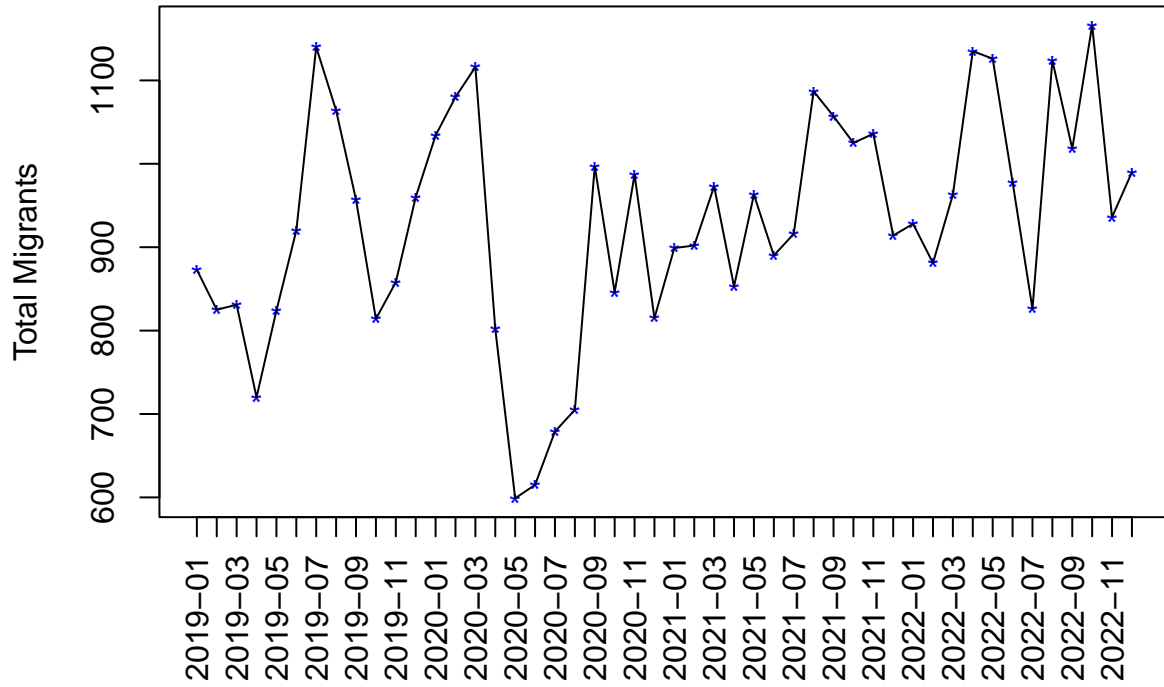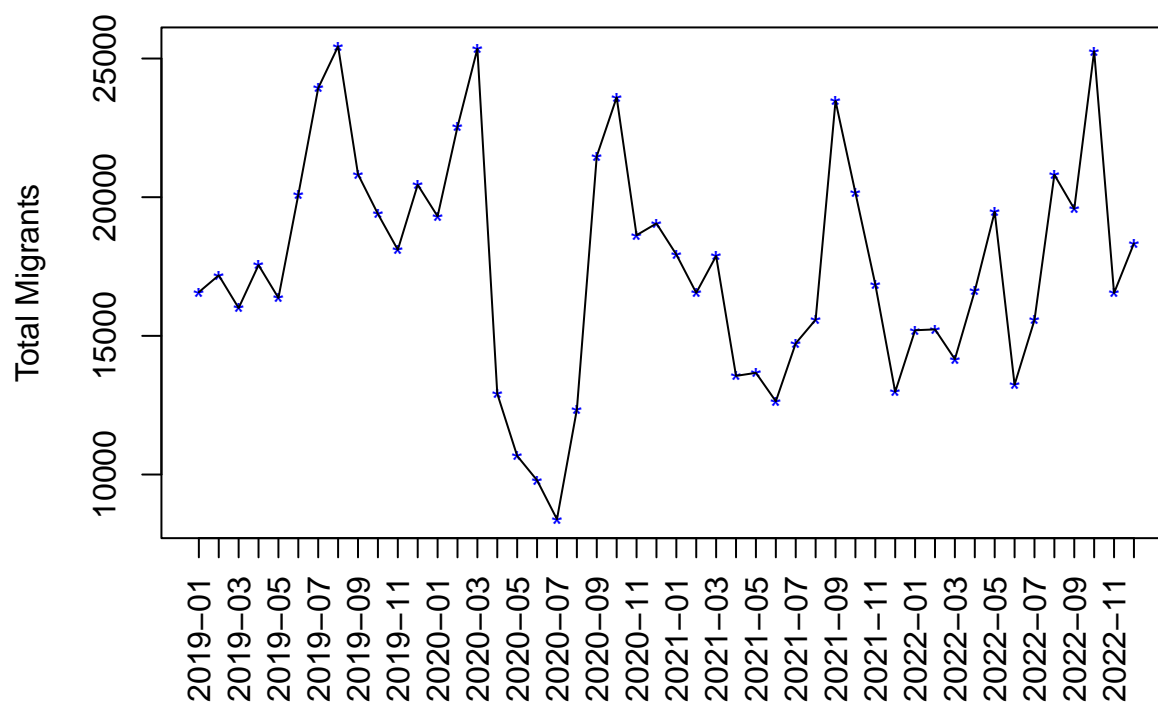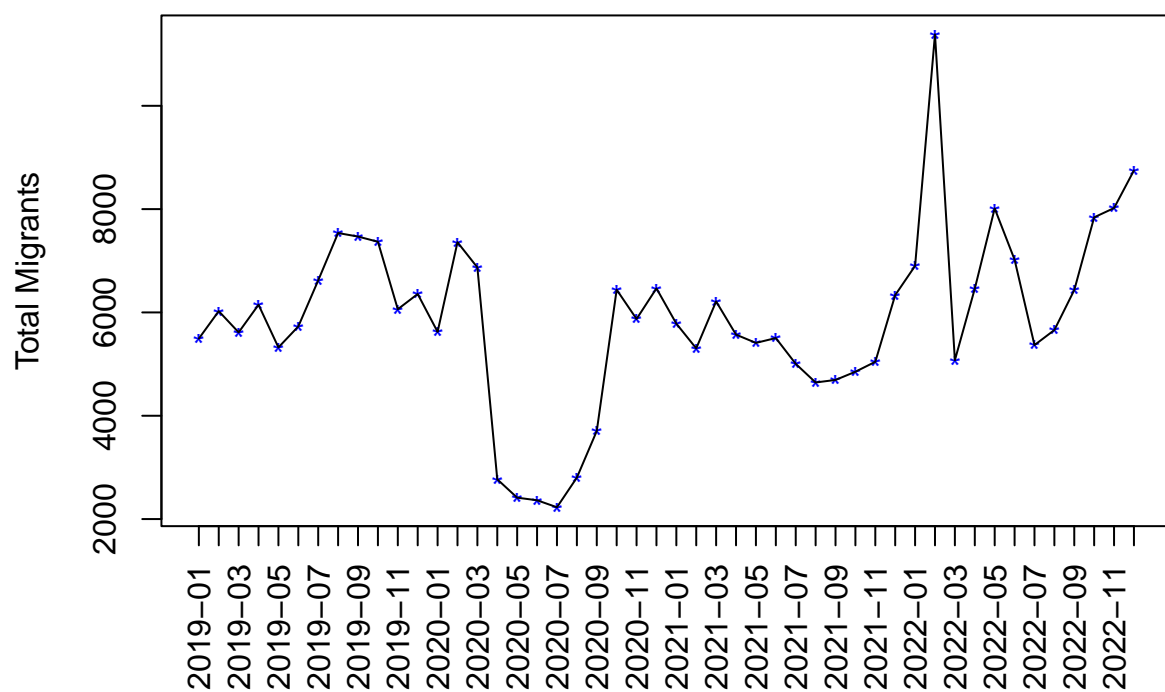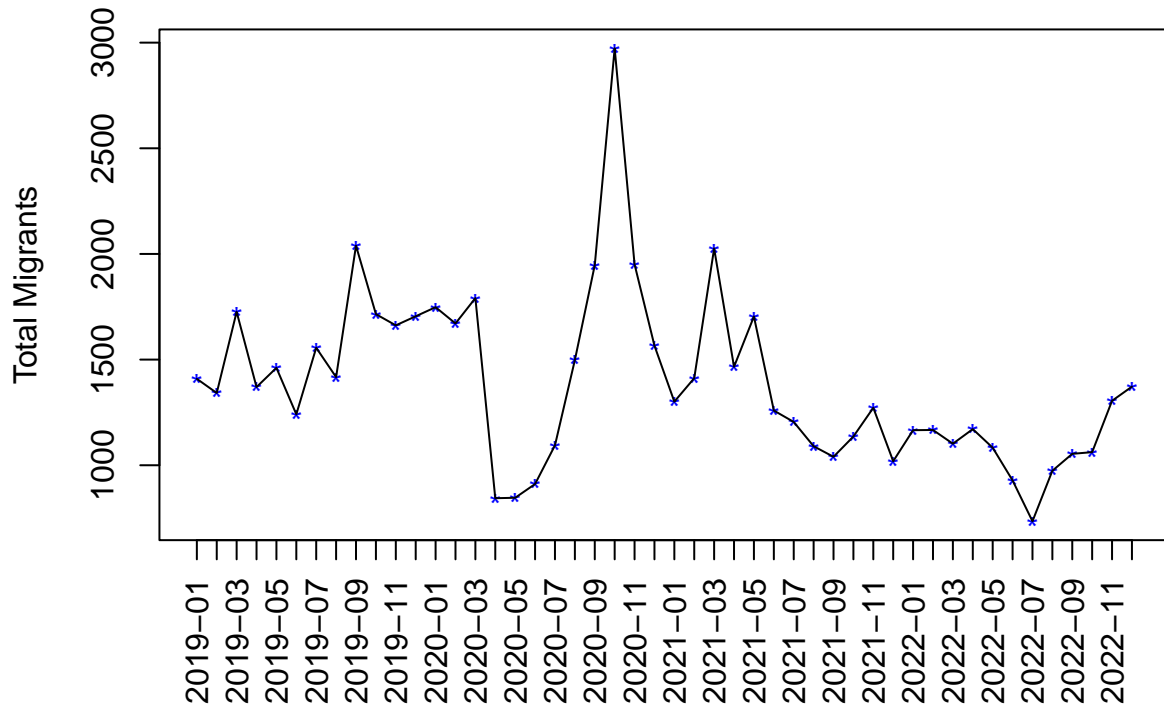# Total Migrants Leaving AT

Total Migrants Leaving AU

Total Migrants Leaving AZ

Total Migrants Leaving BA

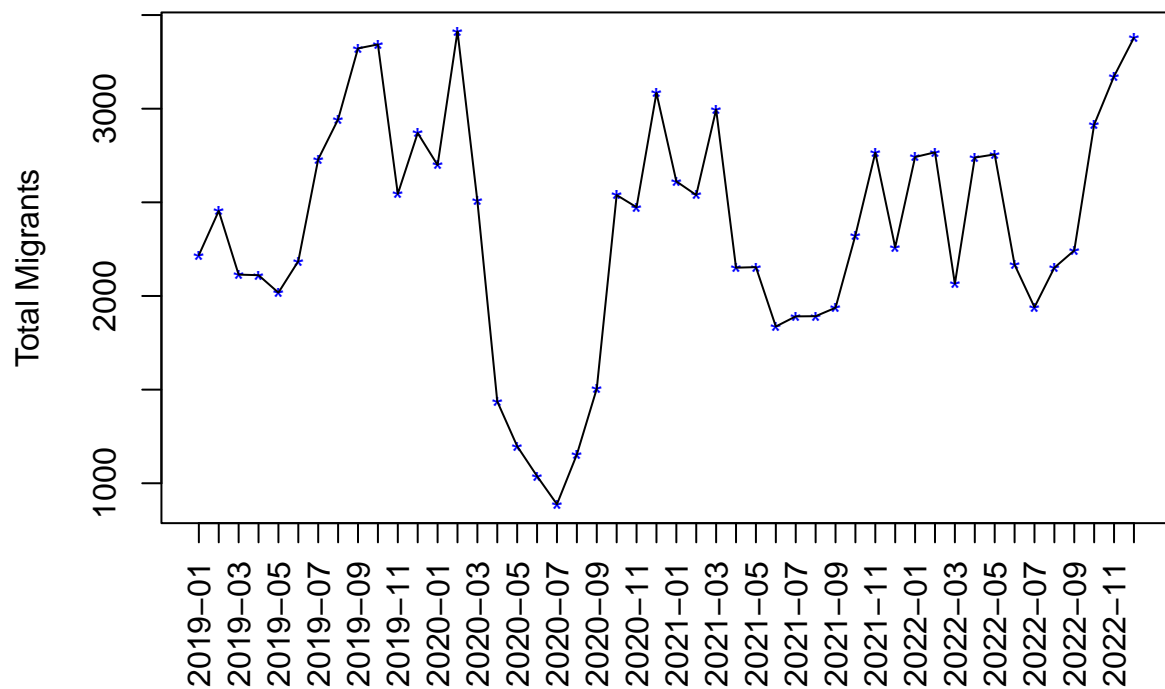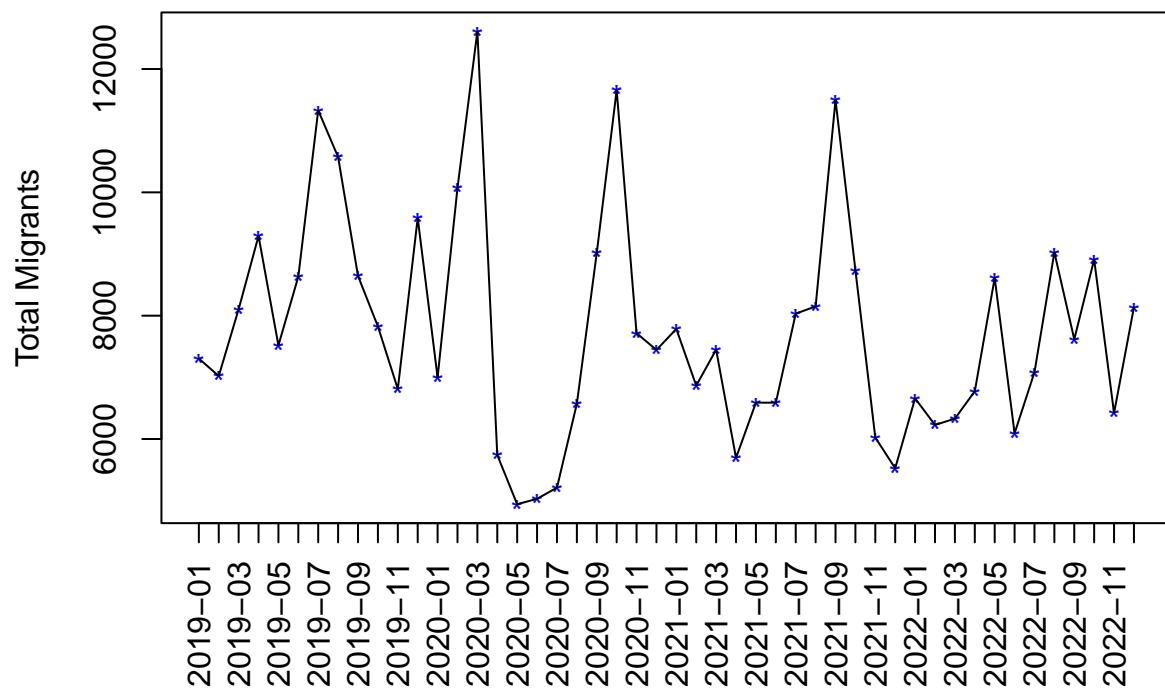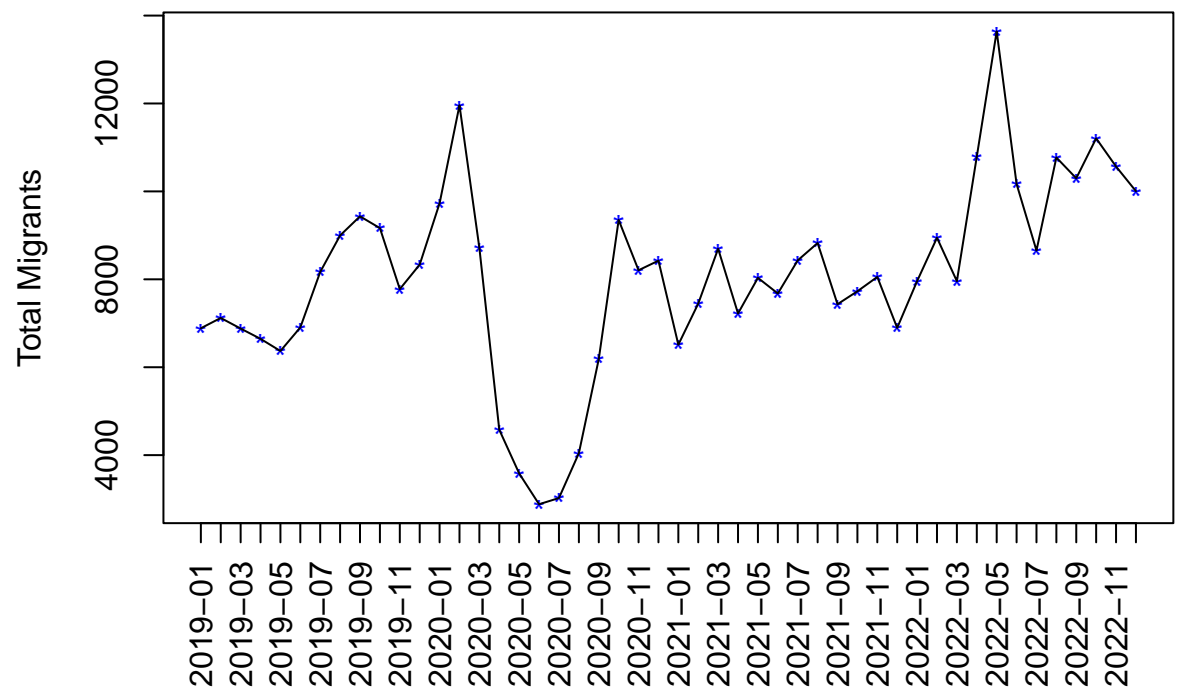# Total Migrants Leaving BB

Total Migrants Leaving BD

Total Migrants Leaving BE

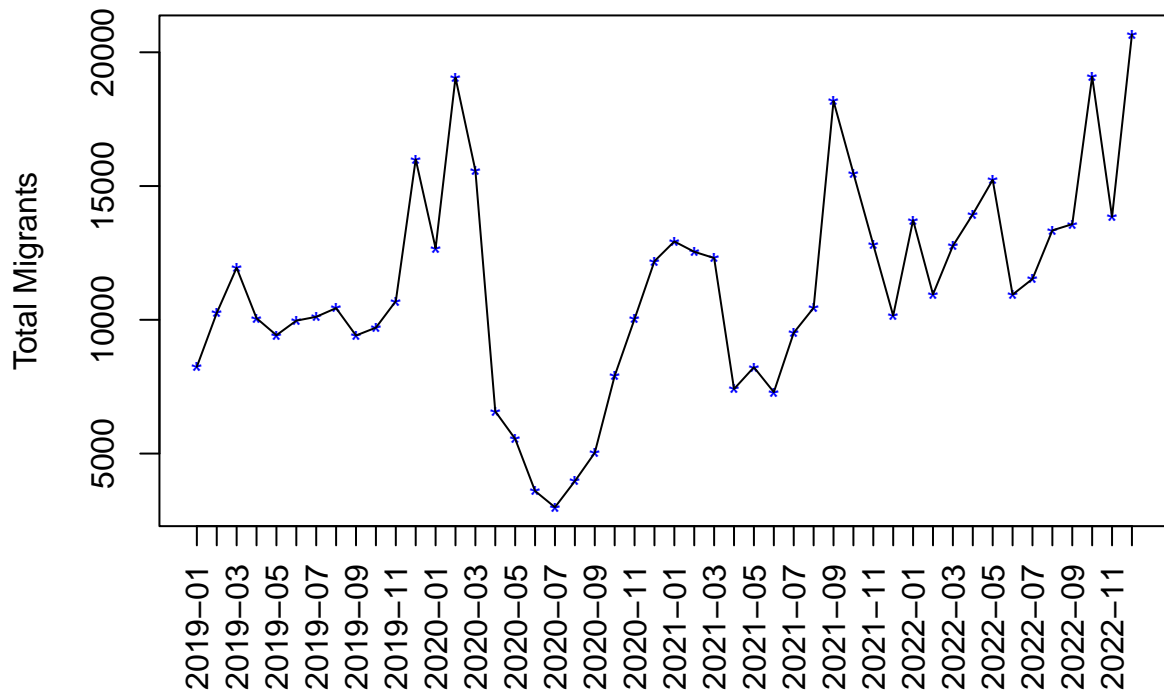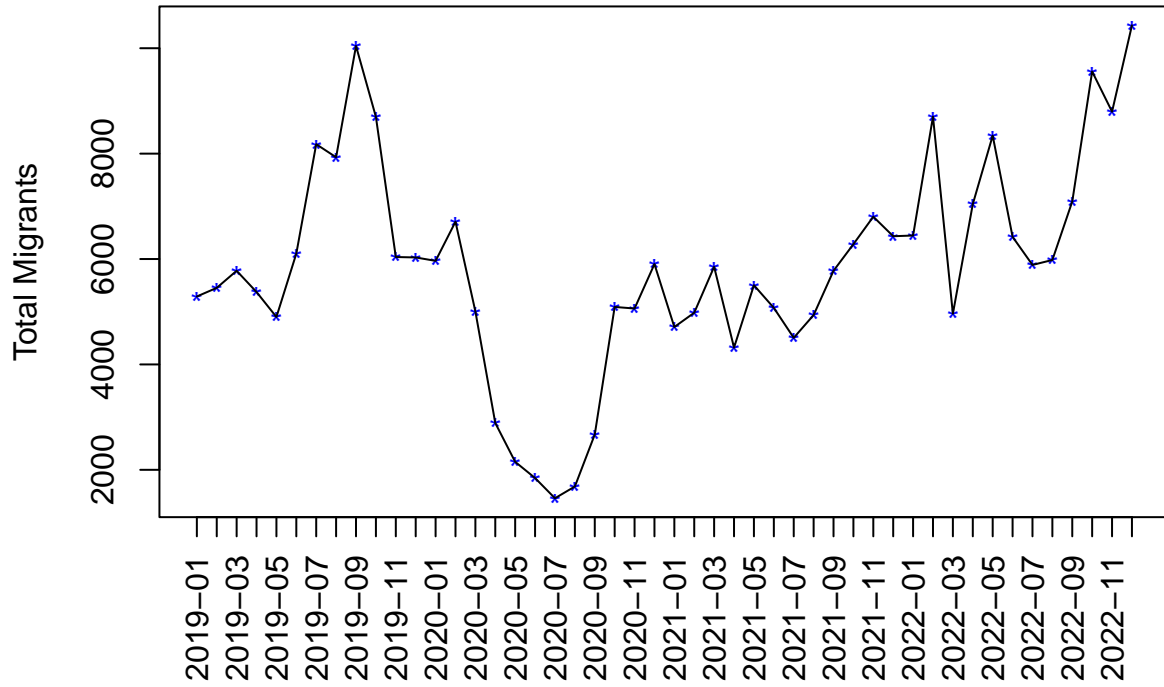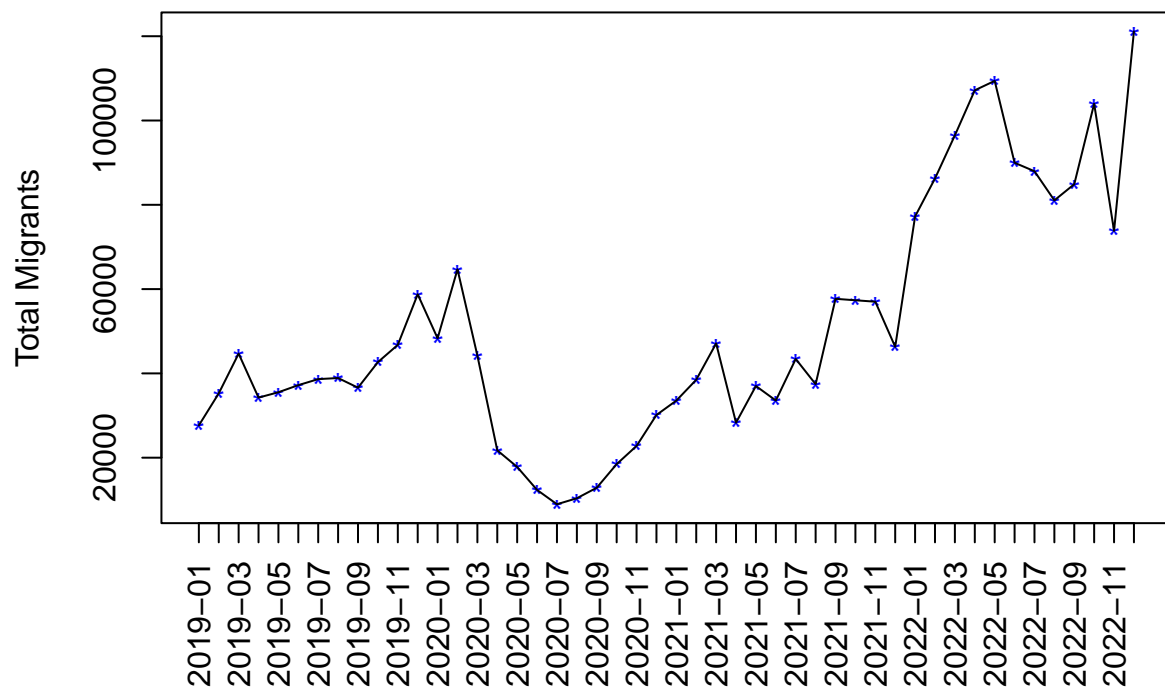# Total Migrants Leaving BF

Total Migrants Leaving BG

Total Migrants Leaving BH

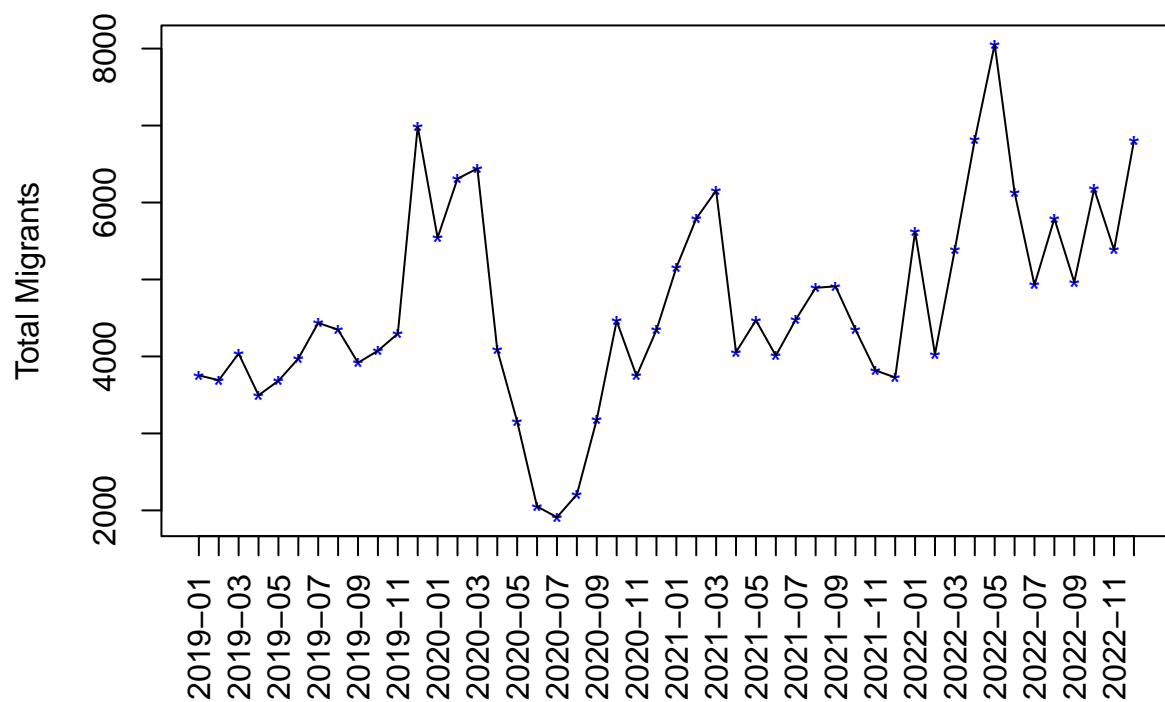# Total Migrants Leaving BI

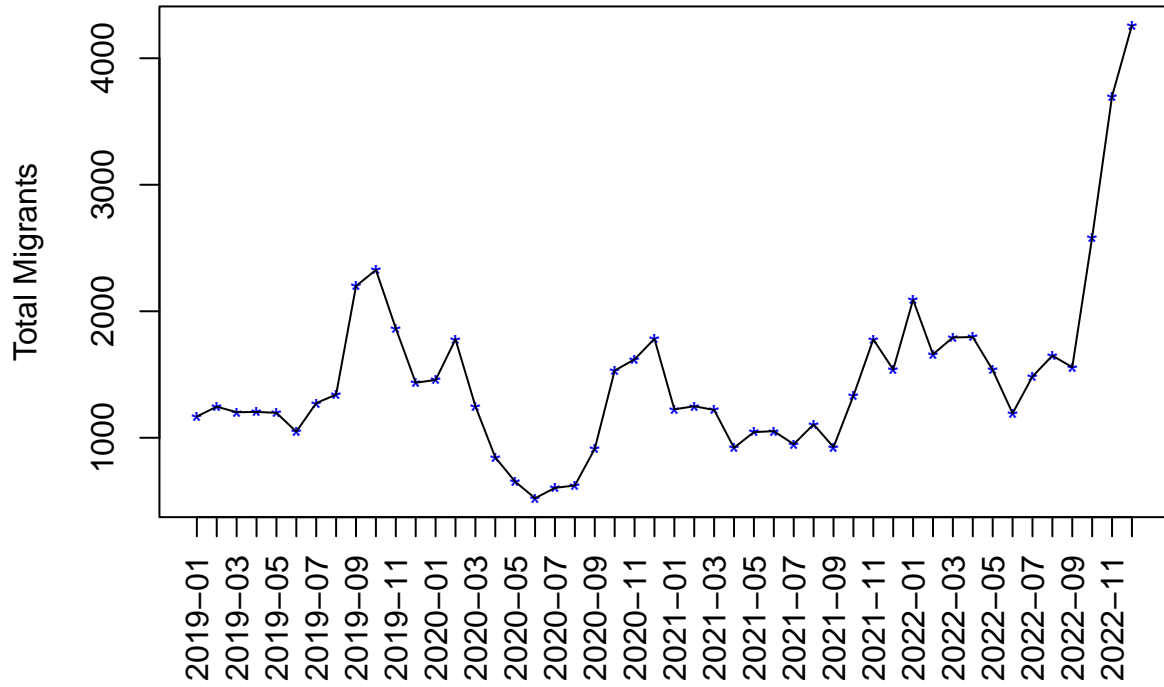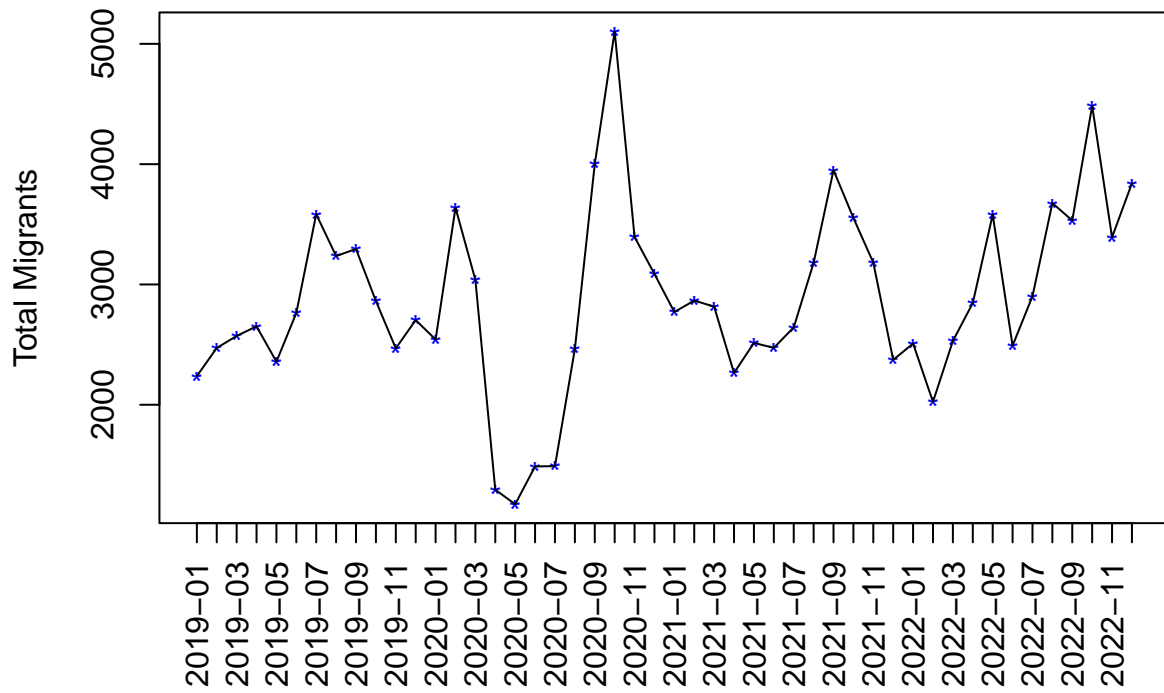# Total Migrants Leaving BJ

Total Migrants Leaving BN

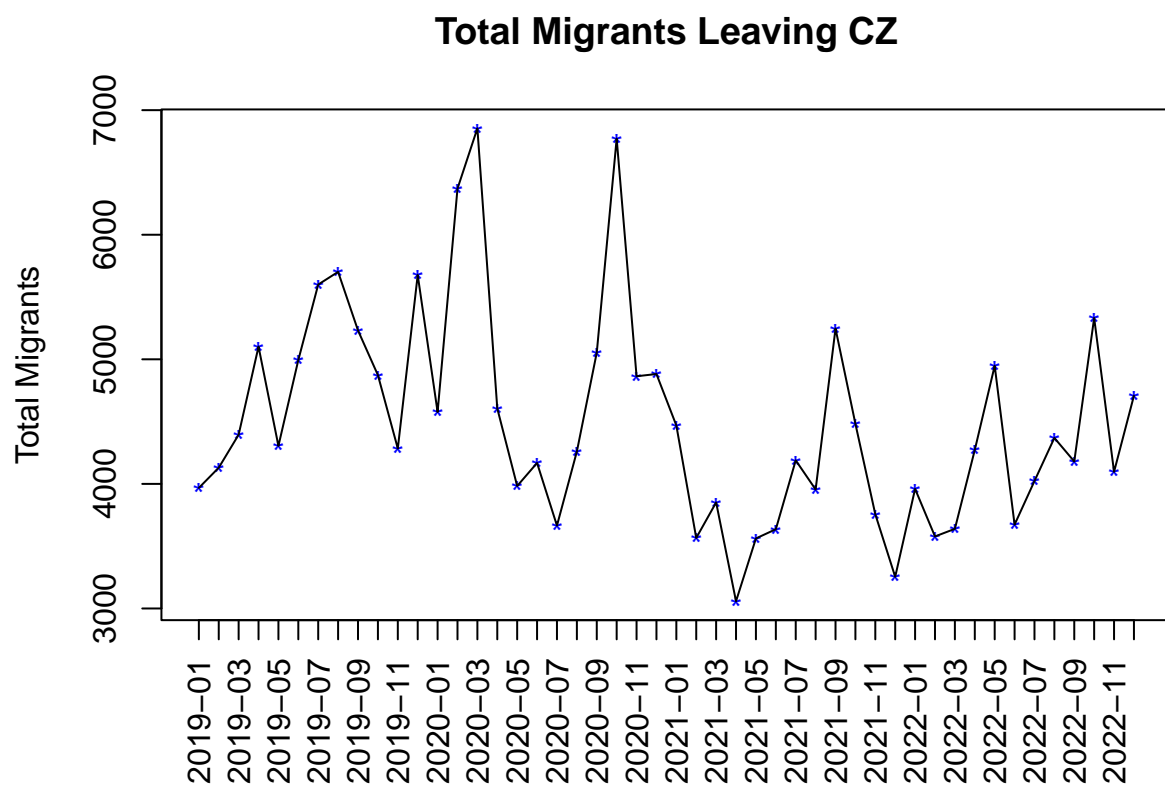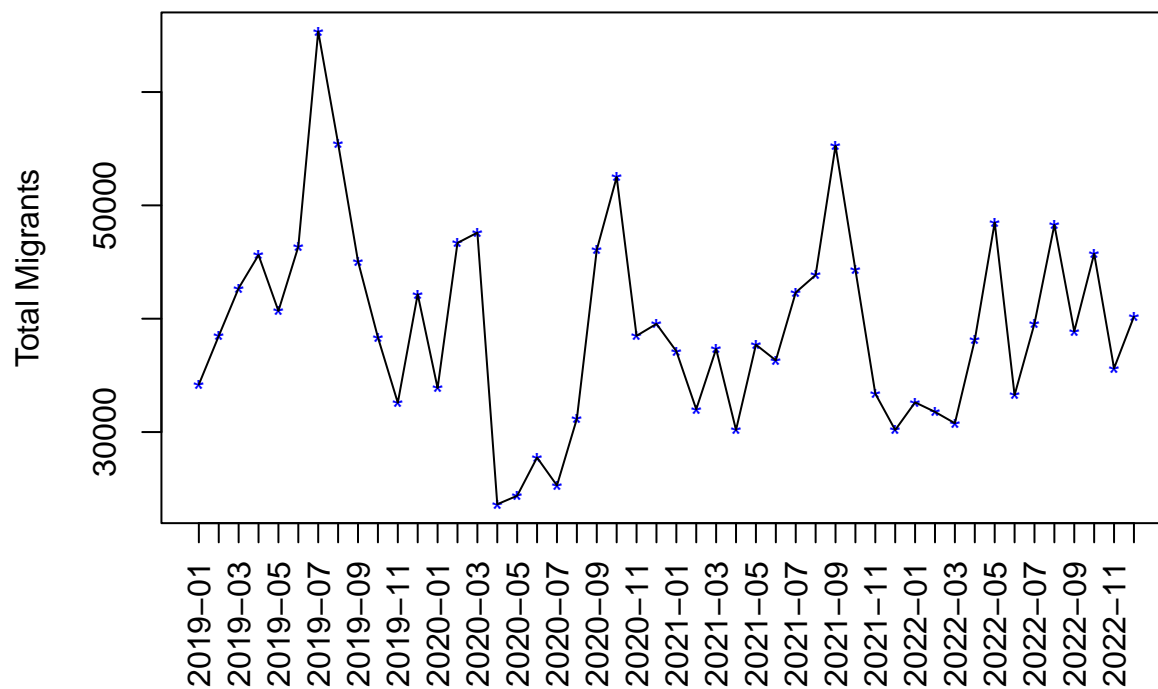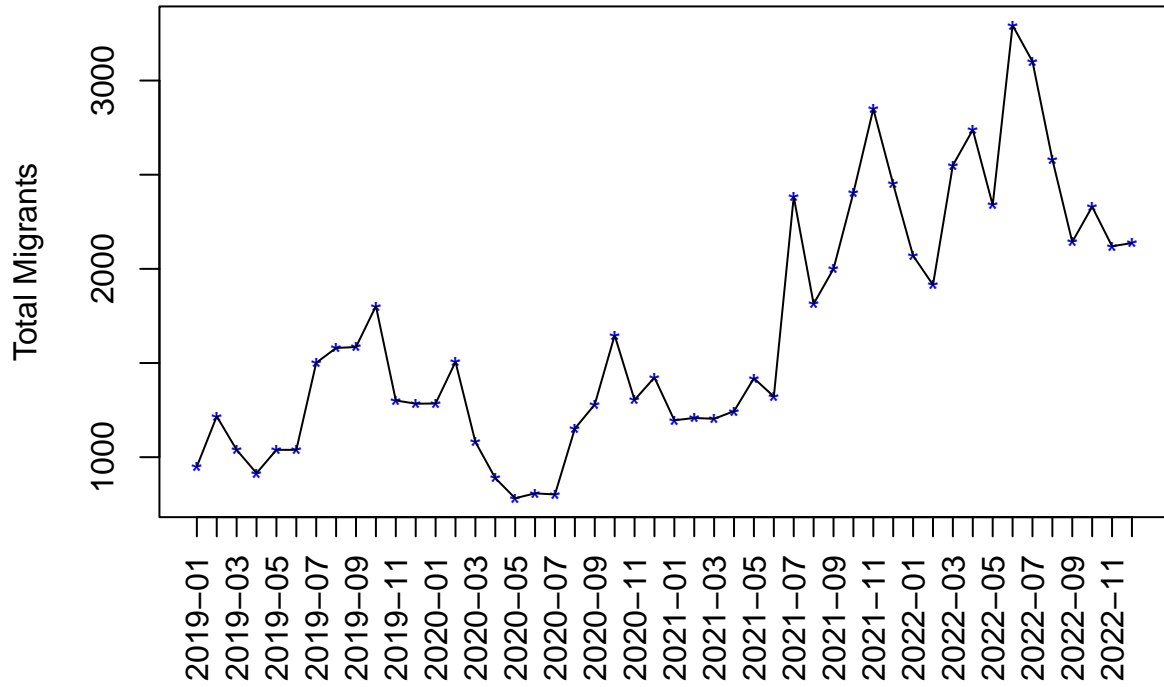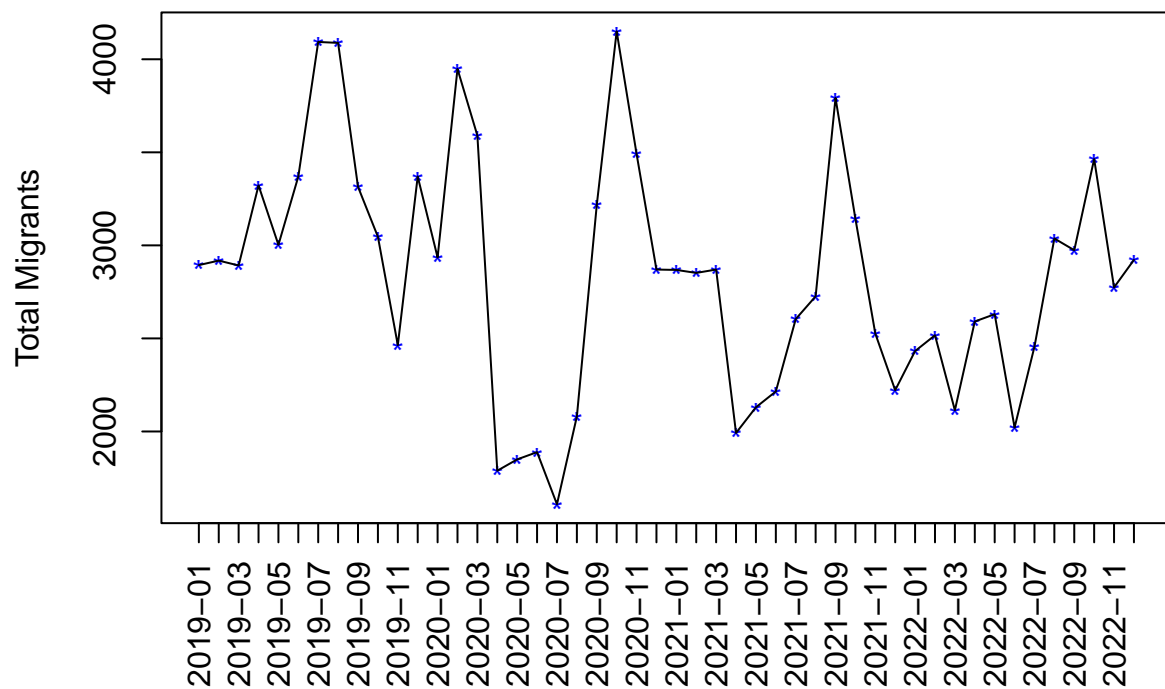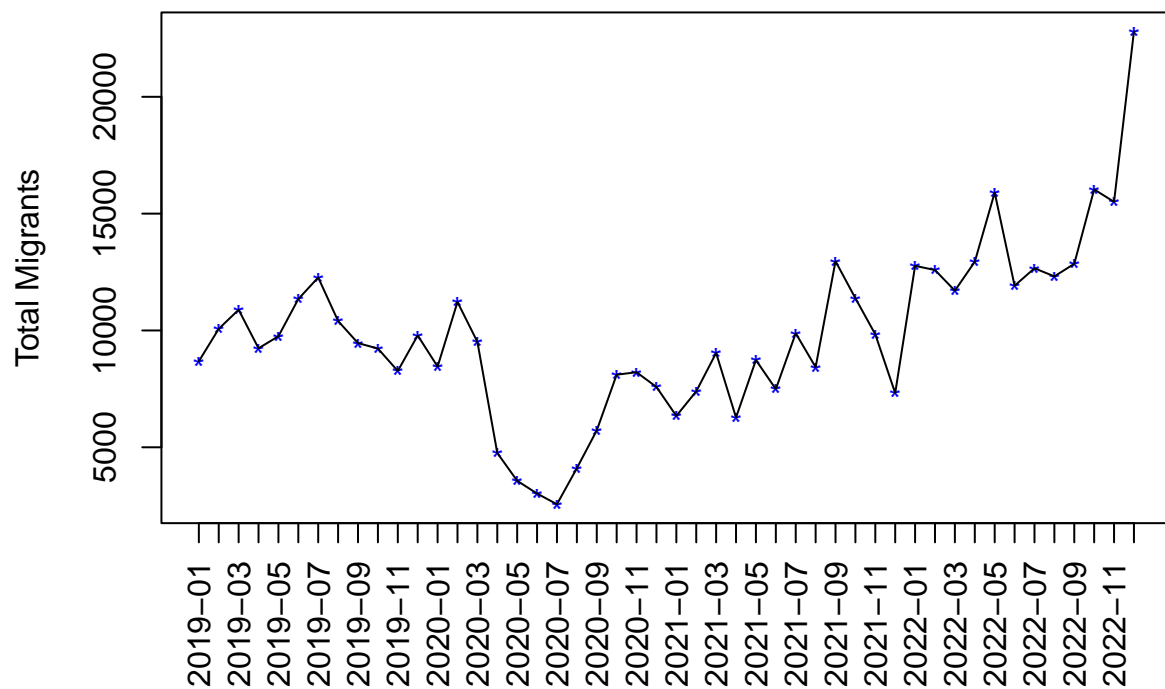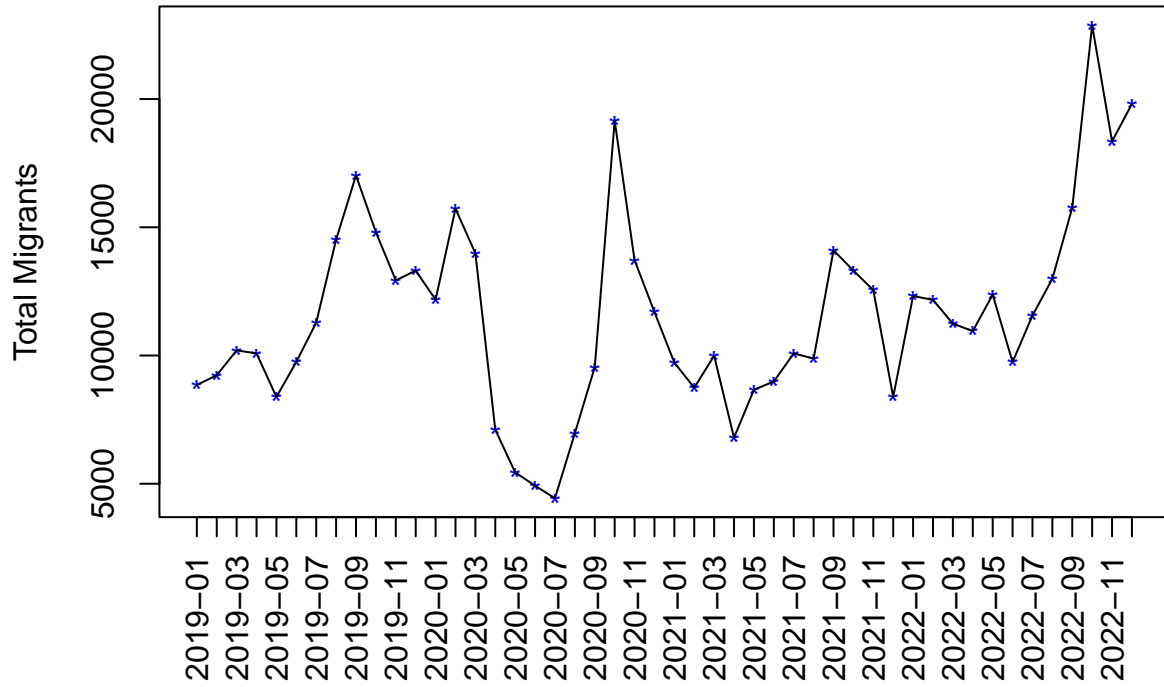# Total Migrants Leaving BO

Total Migrants Leaving BR

Total Migrants Leaving BS

Total Migrants Leaving BT

Total Migrants Leaving BW

Total Migrants Leaving BY

Total Migrants Leaving BZ
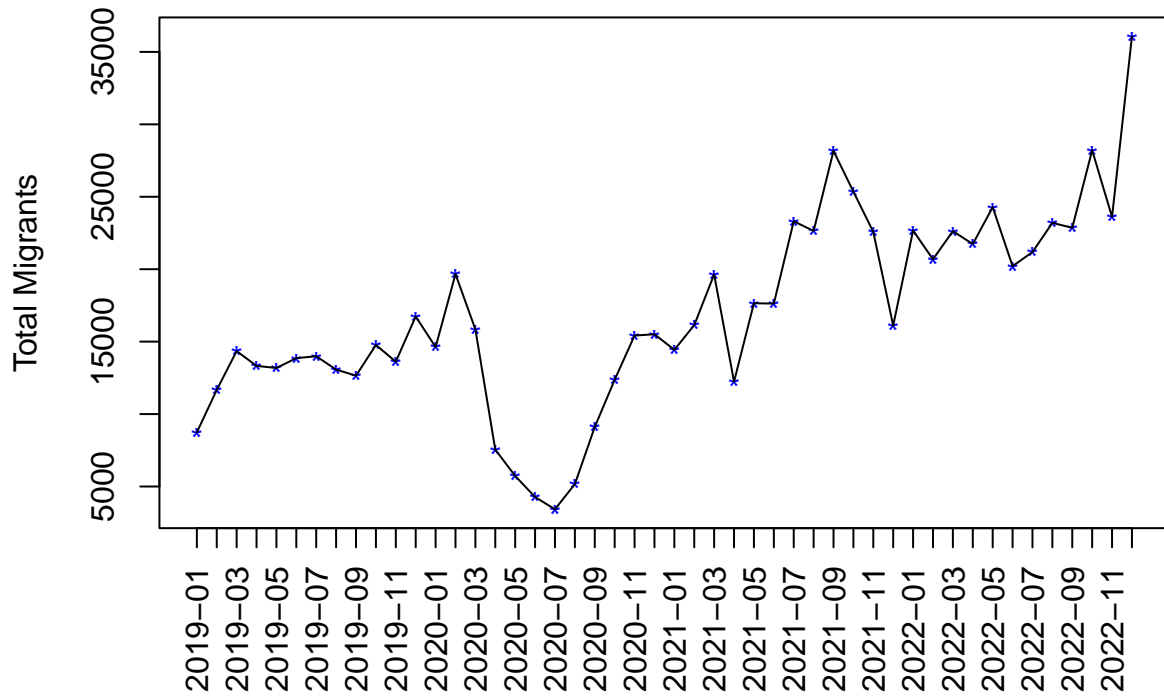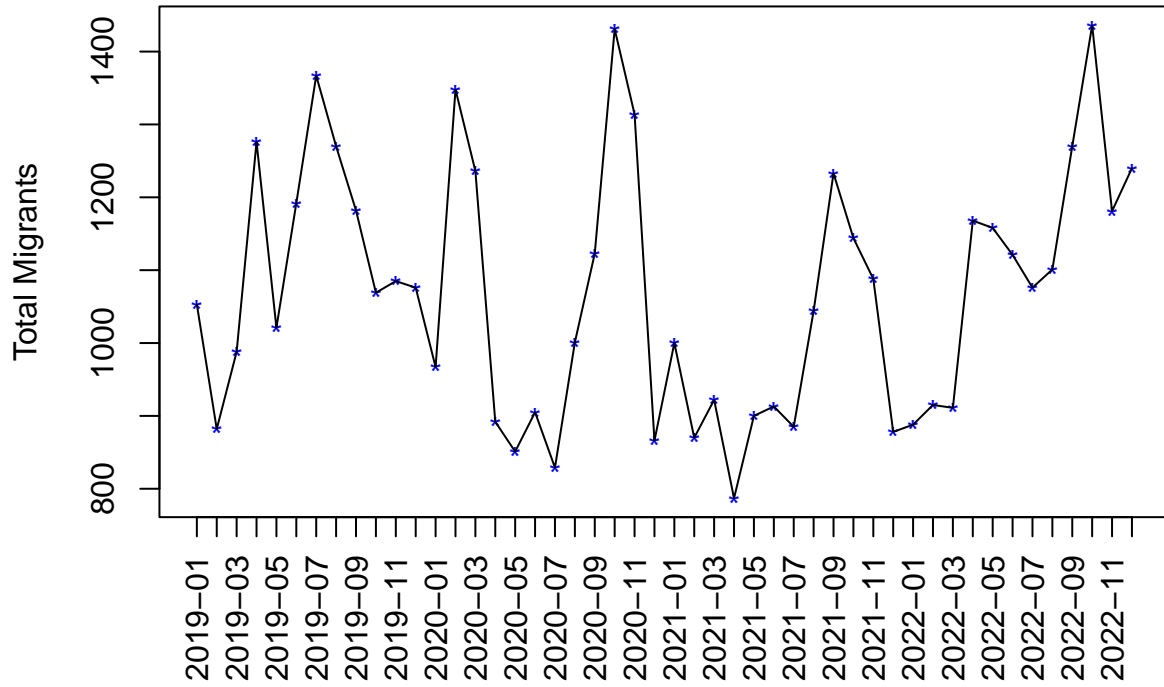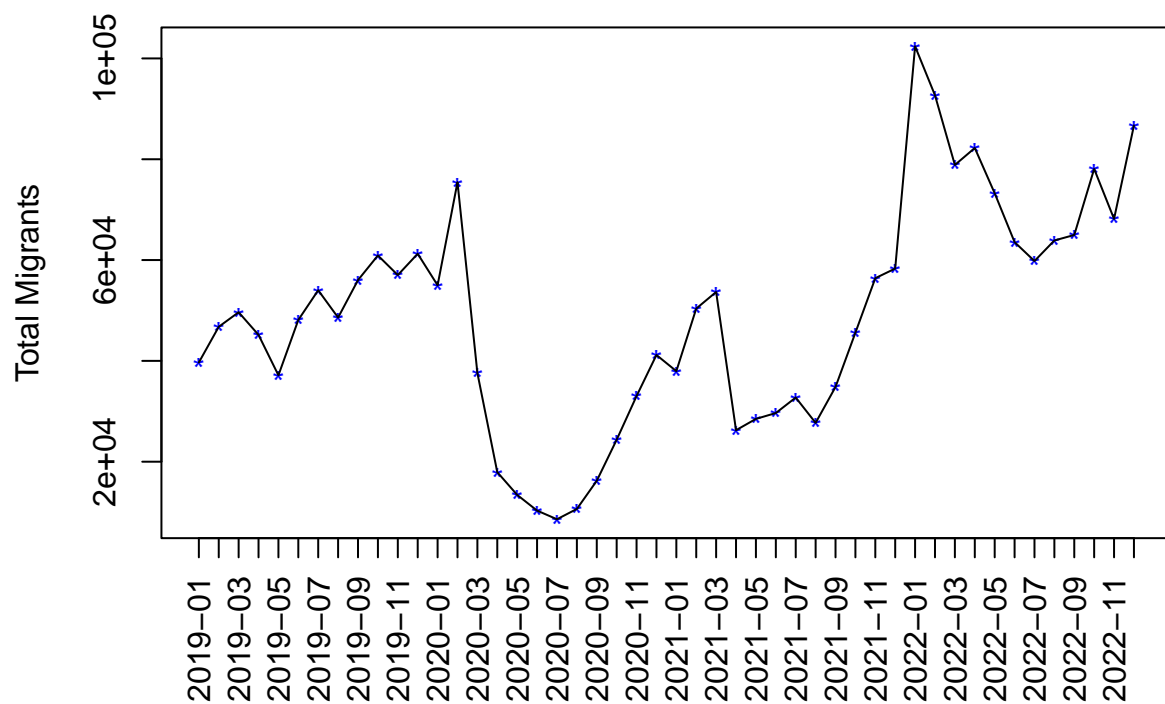
Total Migrants Leaving CA
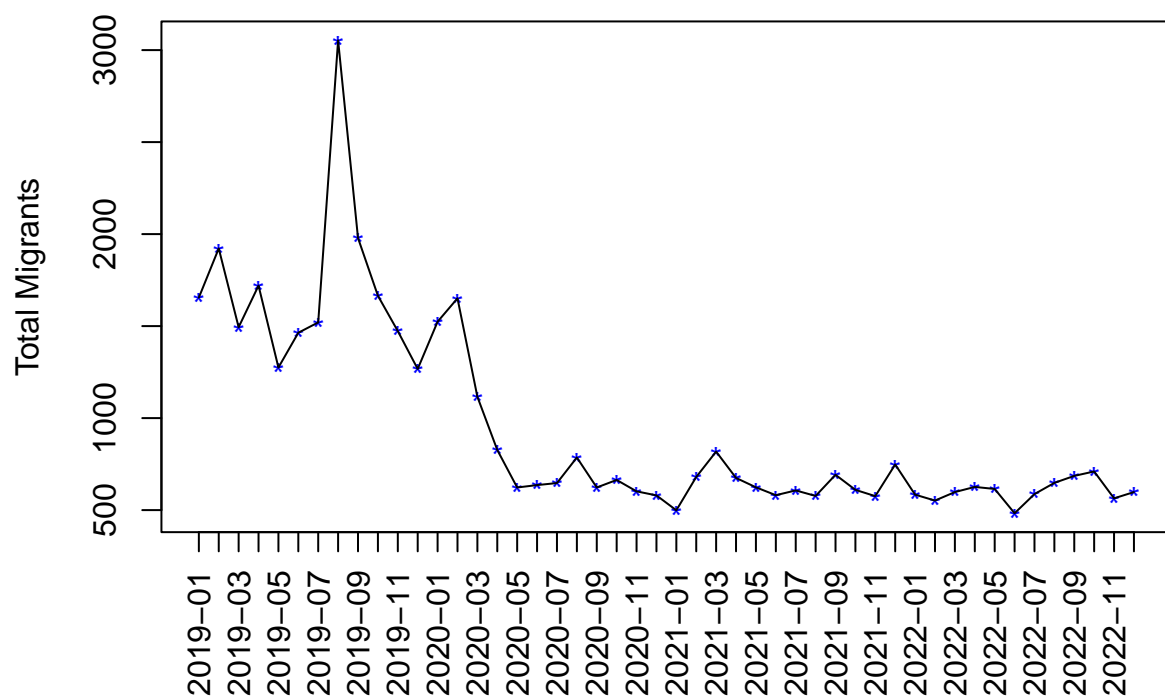
Total Migrants Leaving CD

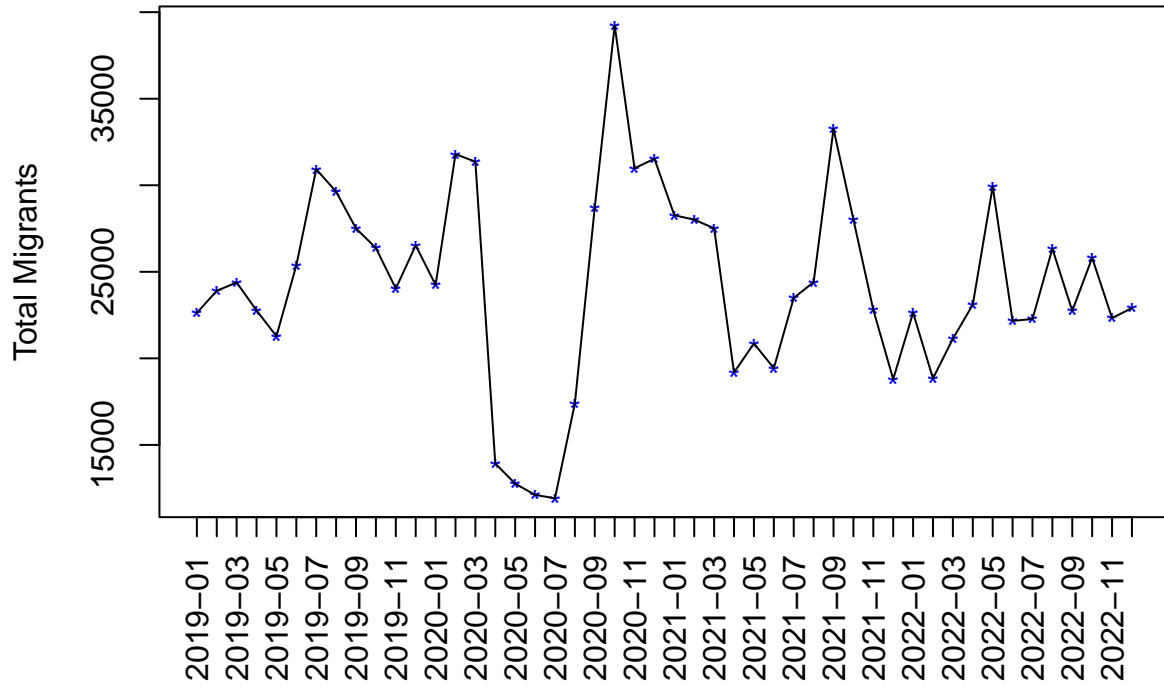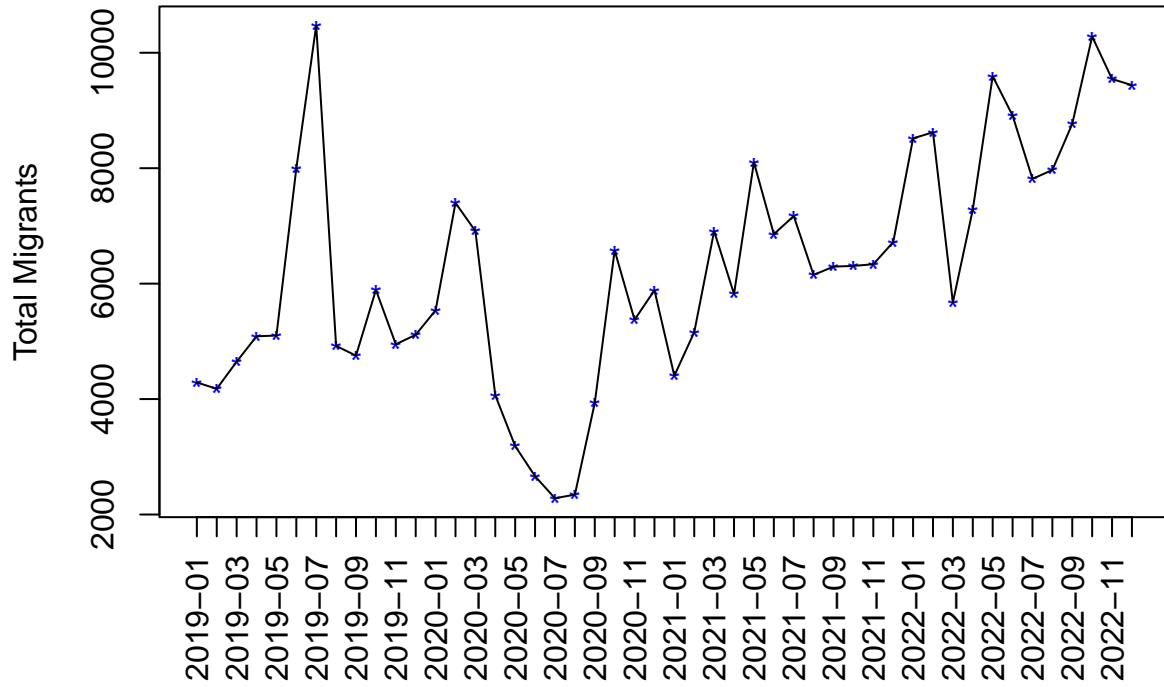# Total Migrants Leaving CF

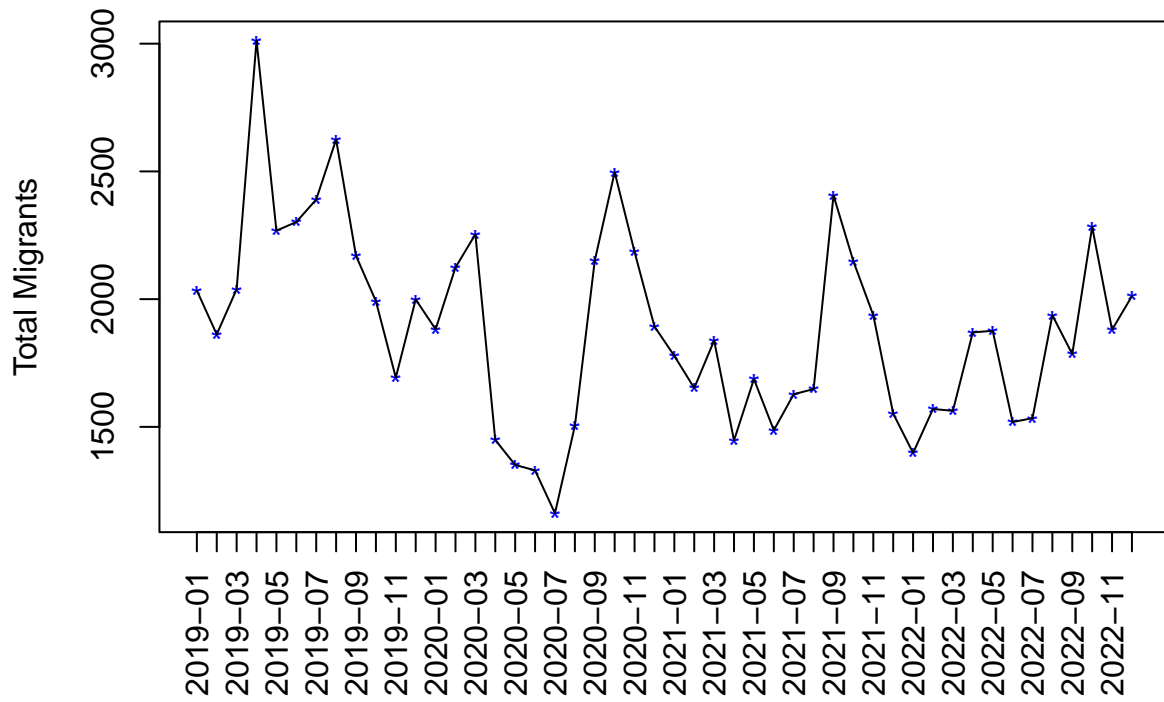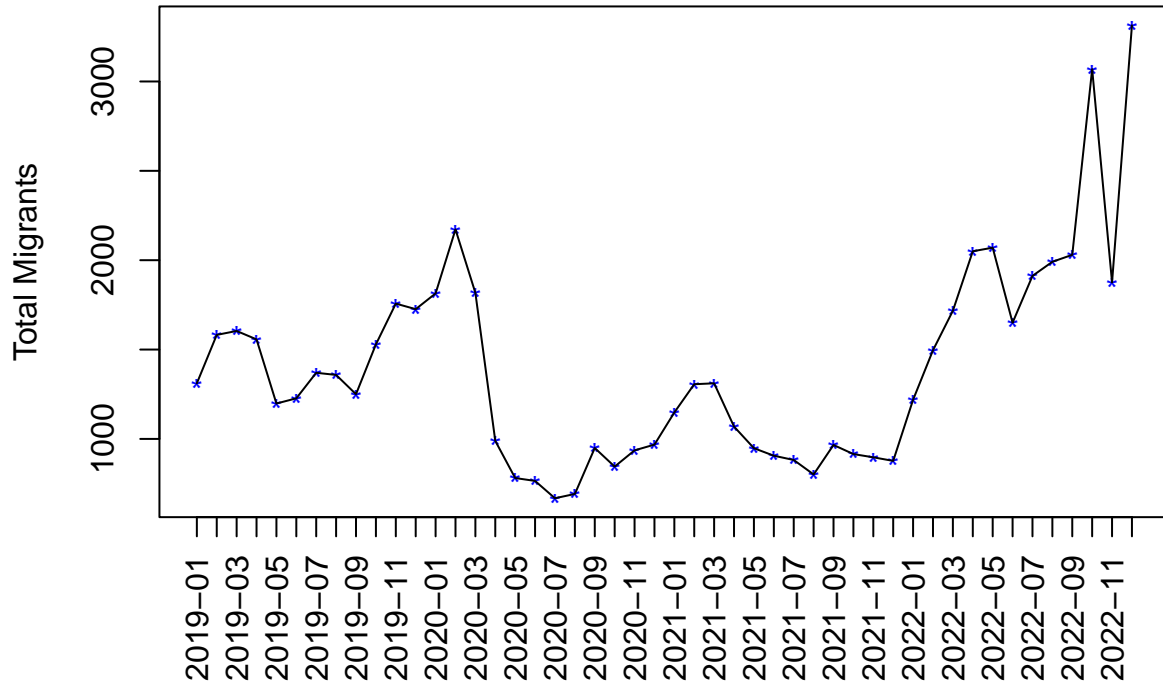# Total Migrants Leaving CG

Total Migrants Leaving CH

Total Migrants Leaving CI

Total Migrants Leaving CL
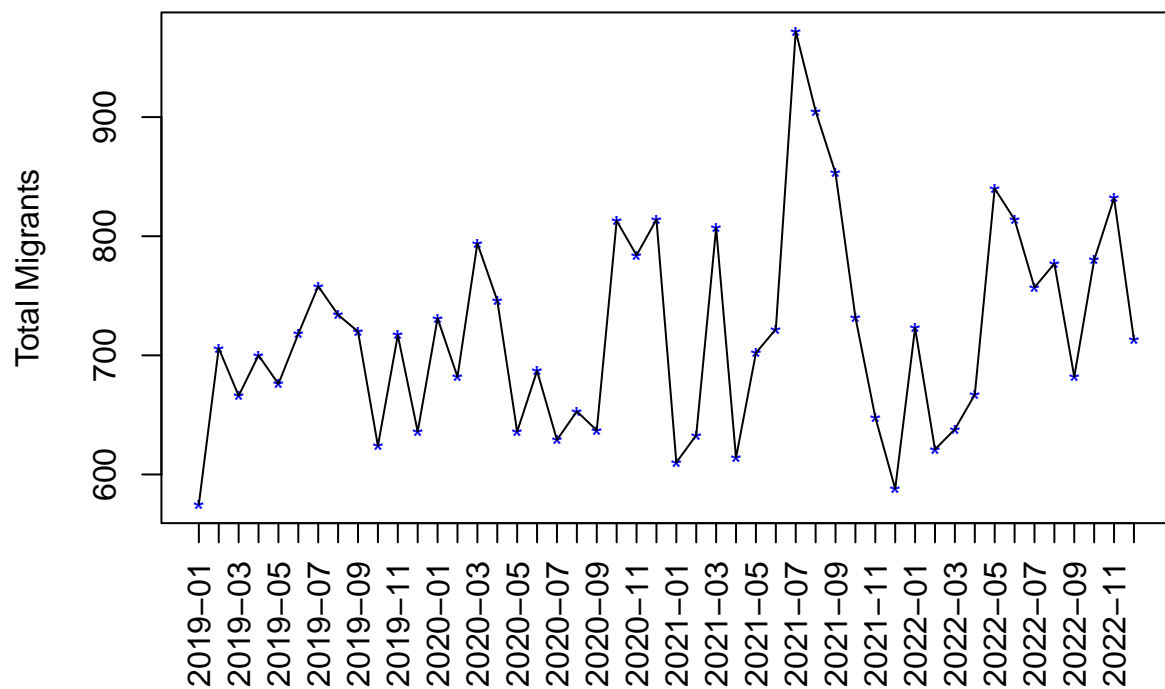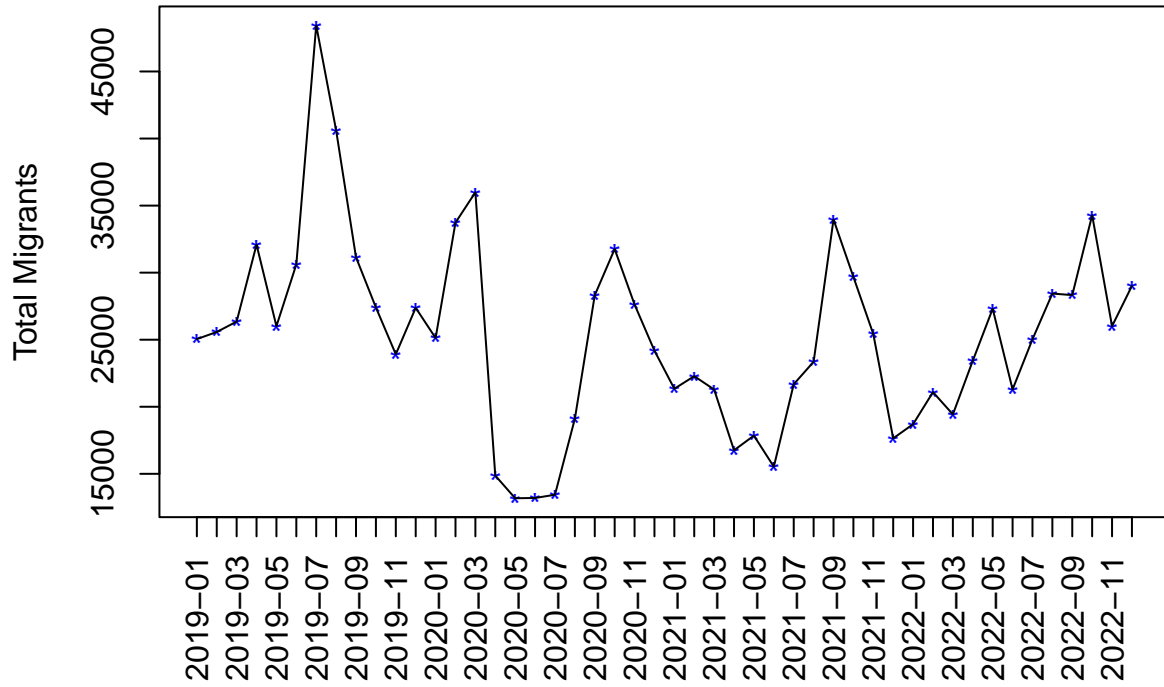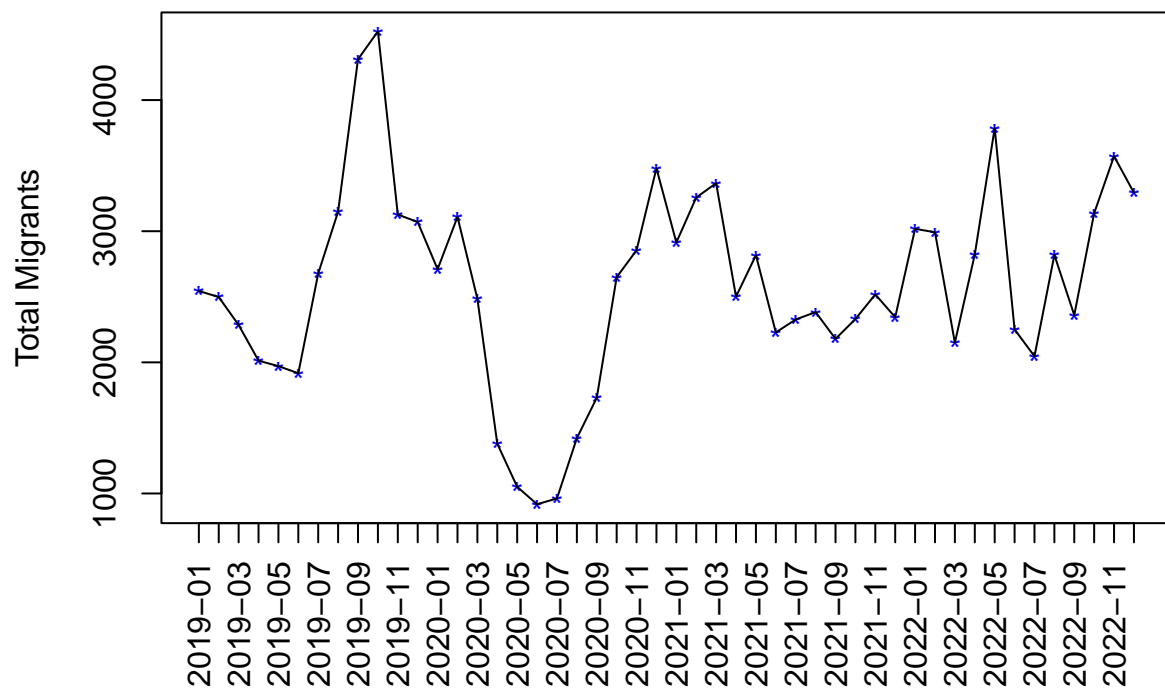
Total Migrants Leaving CM

Total Migrants Leaving CO
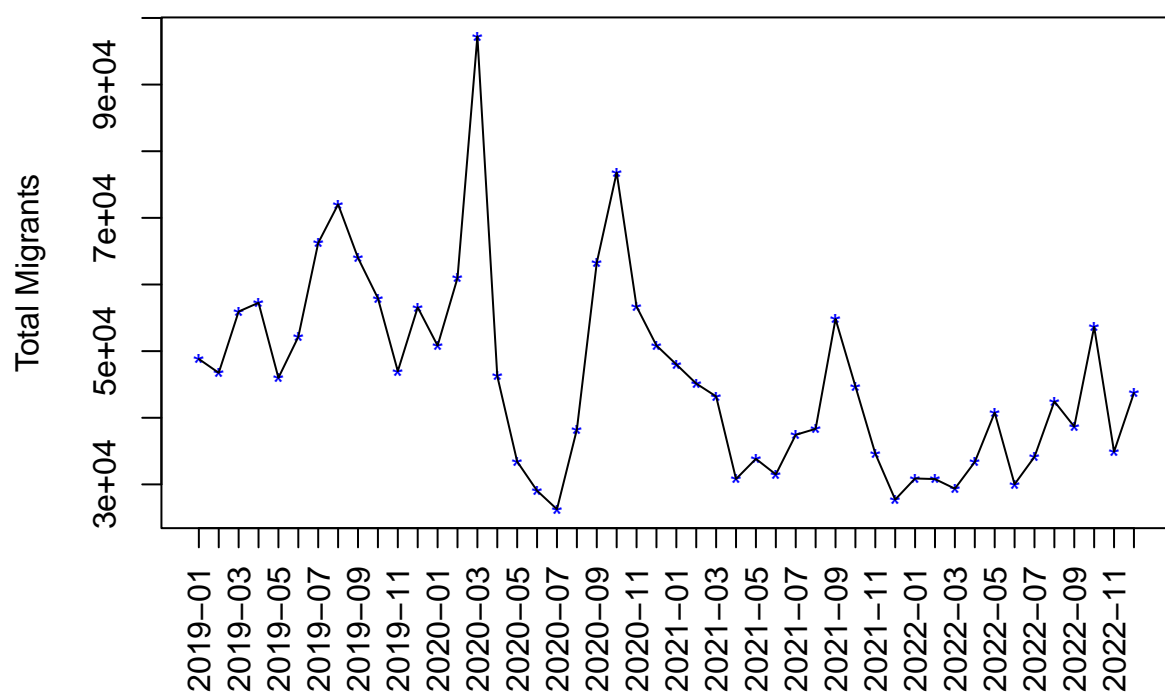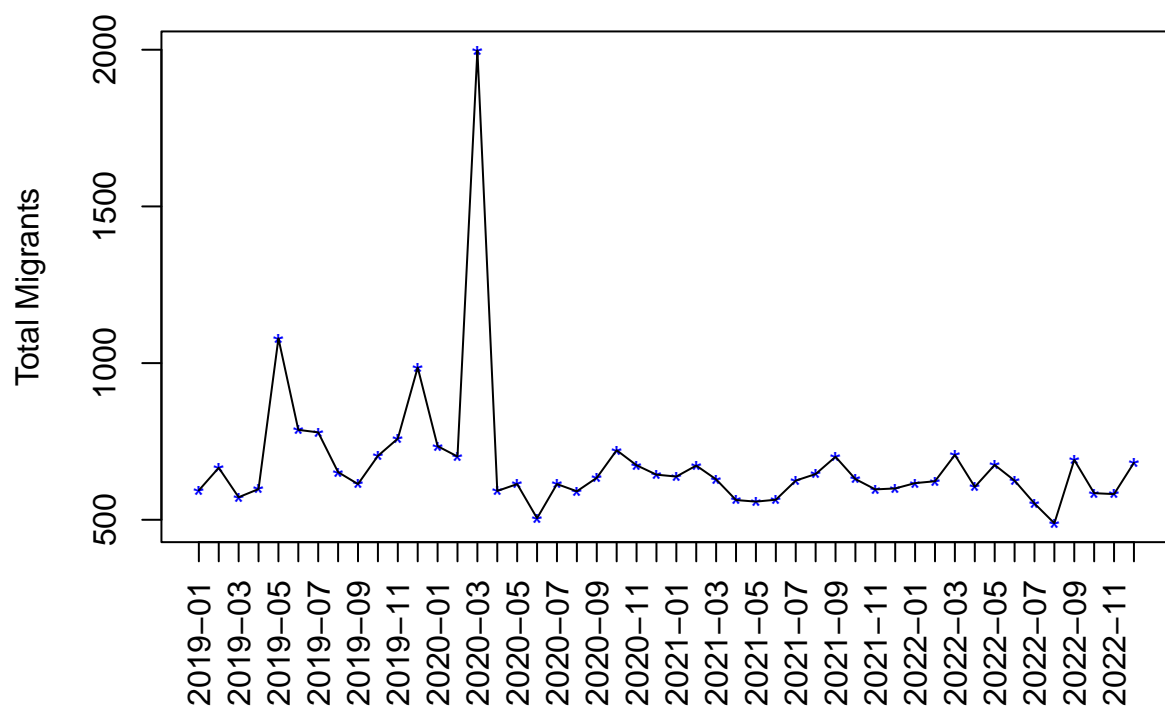
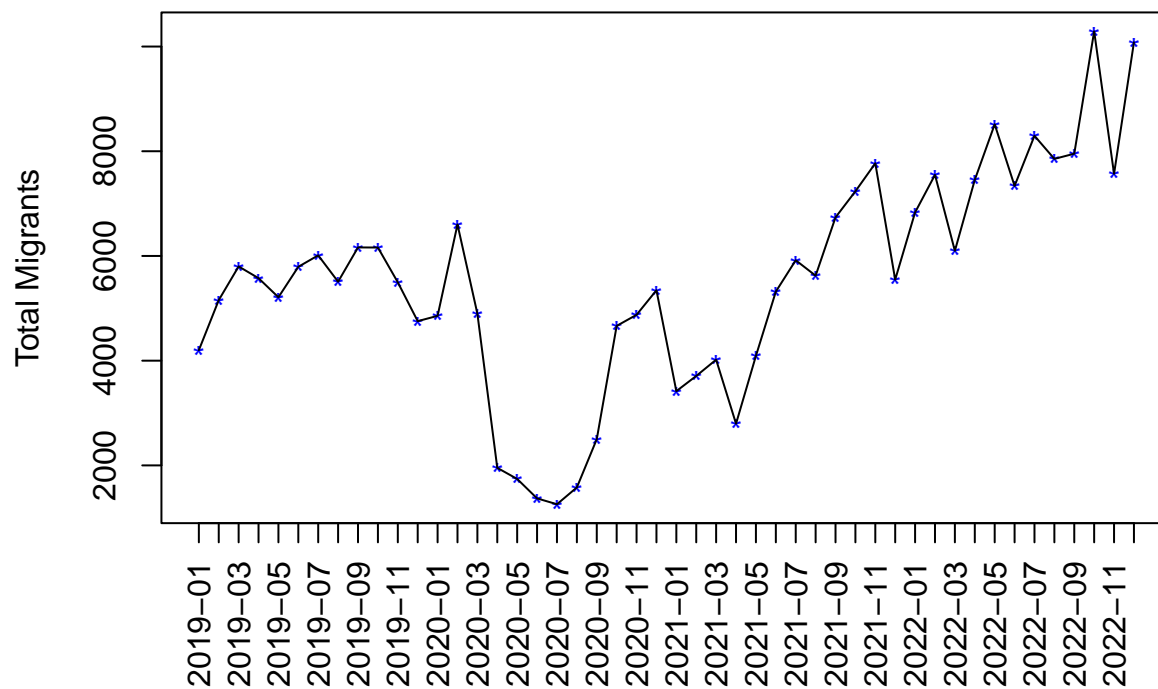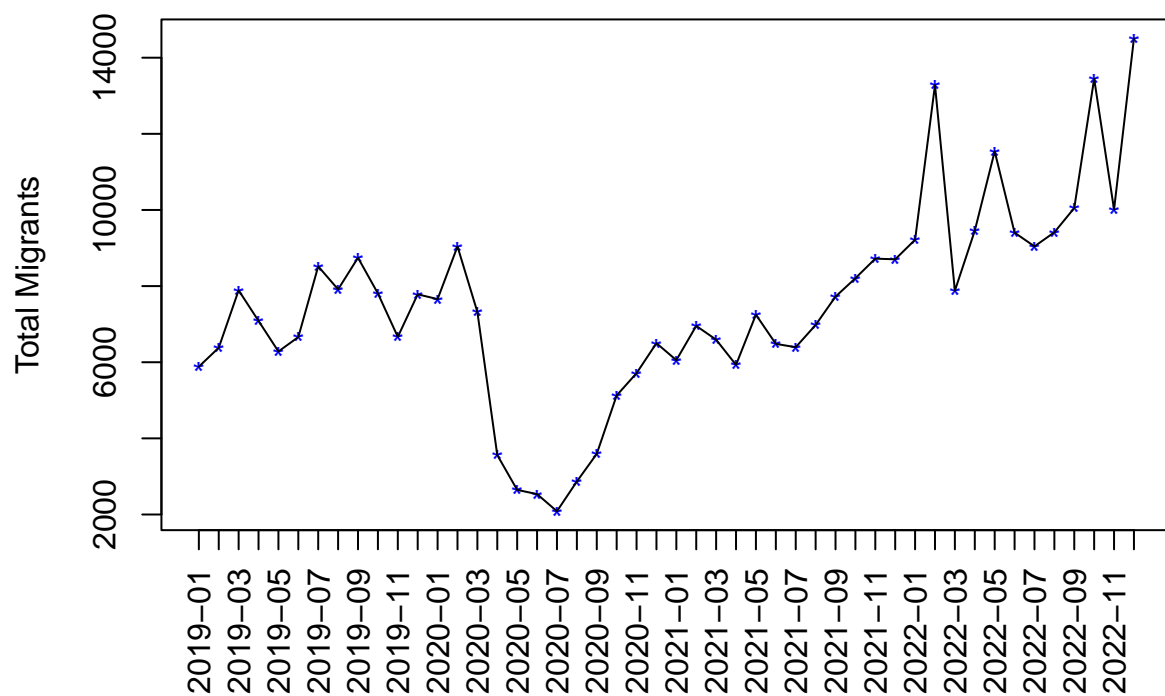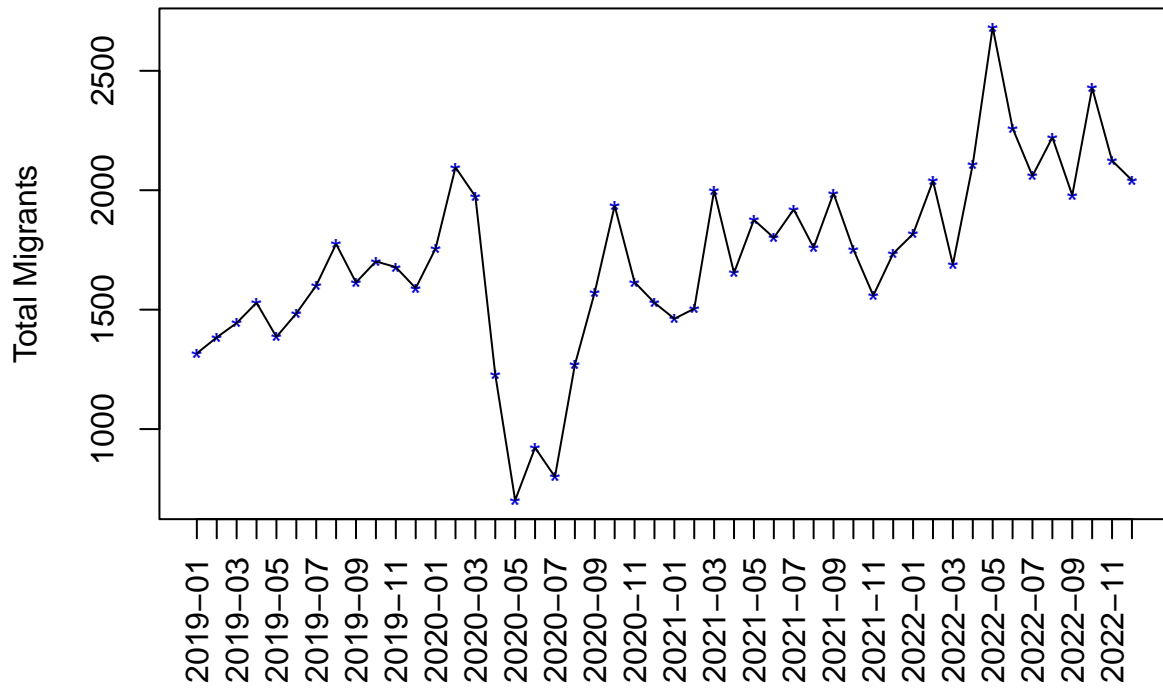**Total Migrants Leaving CR**

Total Migrants Leaving CV

Total Migrants Leaving CY

Total Migrants Leaving CZ

Total Migrants Leaving DE

Total Migrants Leaving DJ

Total Migrants Leaving DK

Total Migrants Leaving DO

Total Migrants Leaving DZ
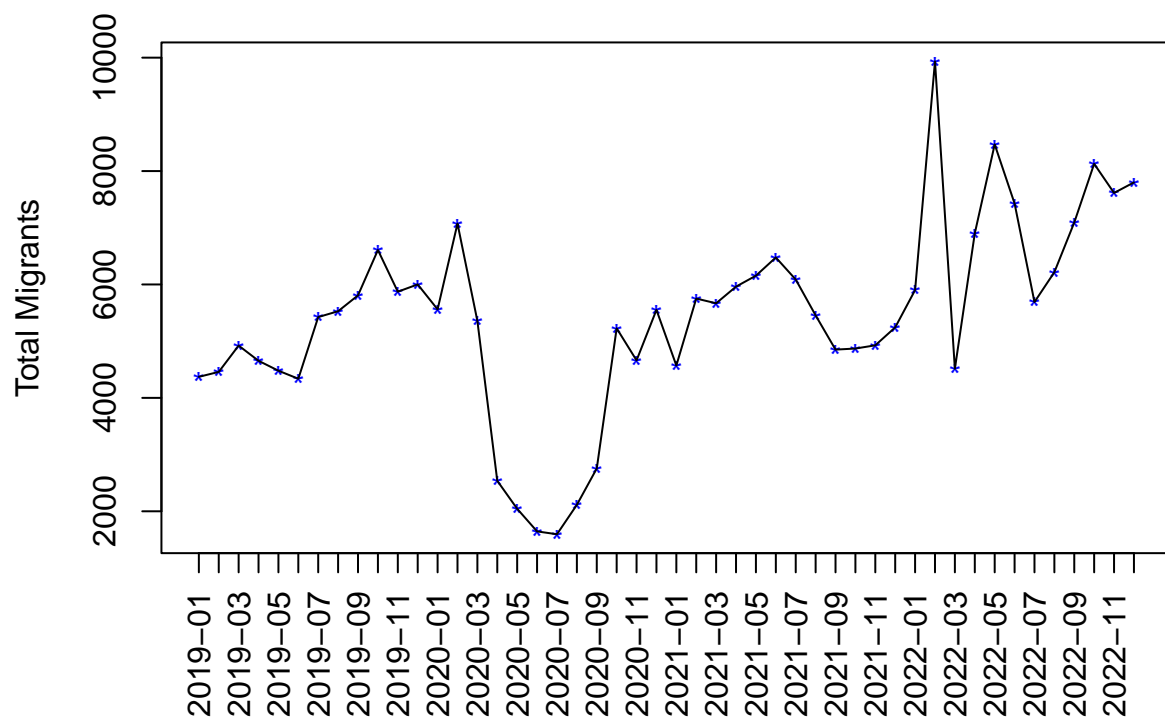
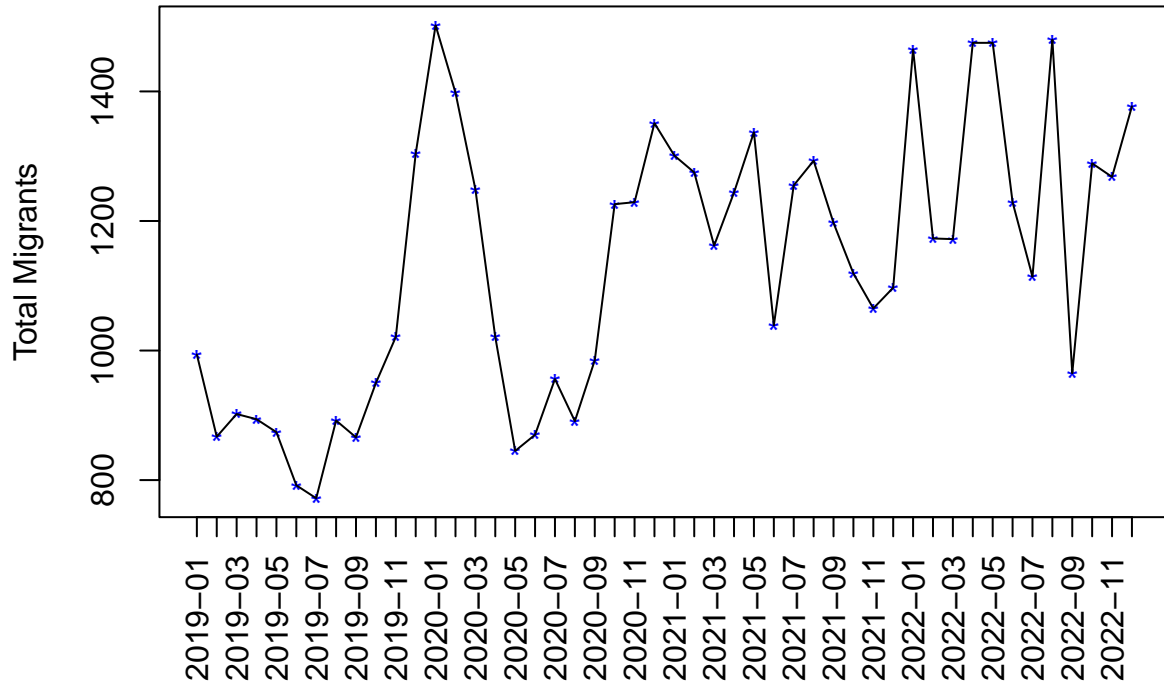# Total Migrants Leaving EC

Total Migrants Leaving EE

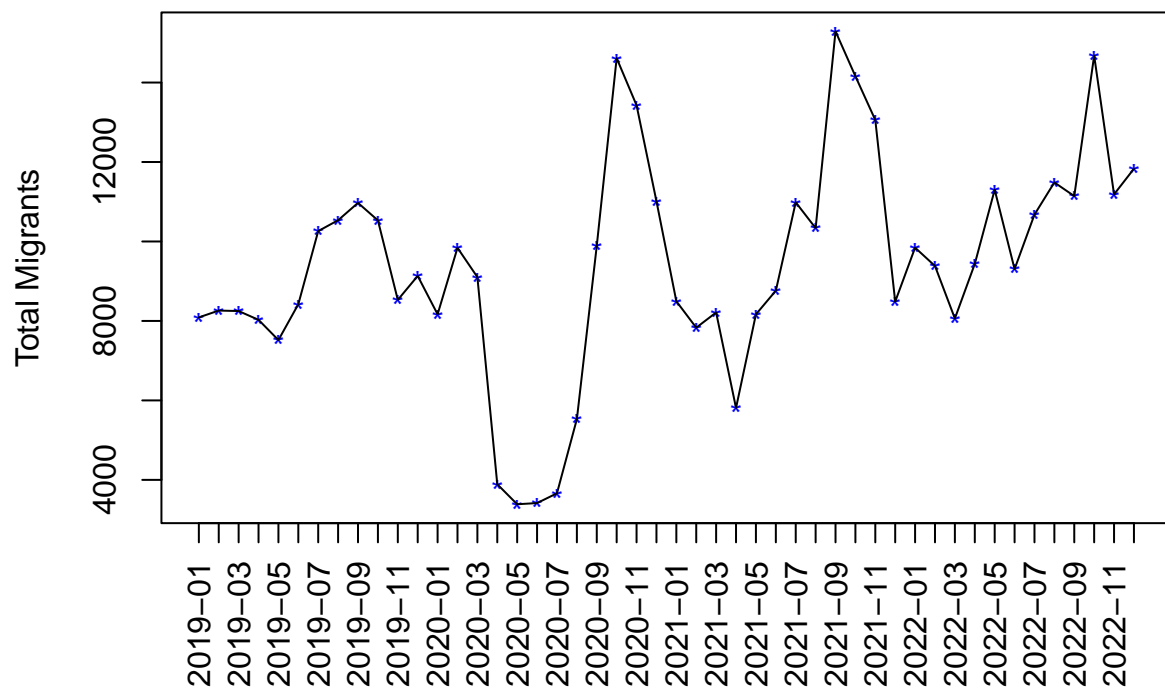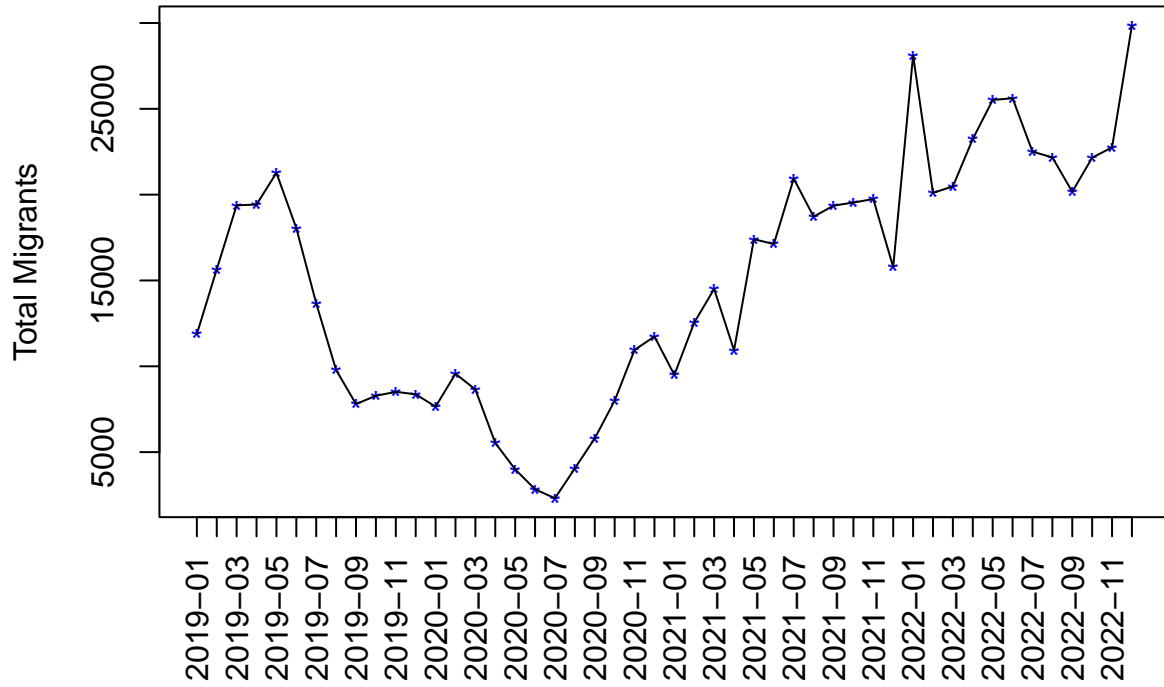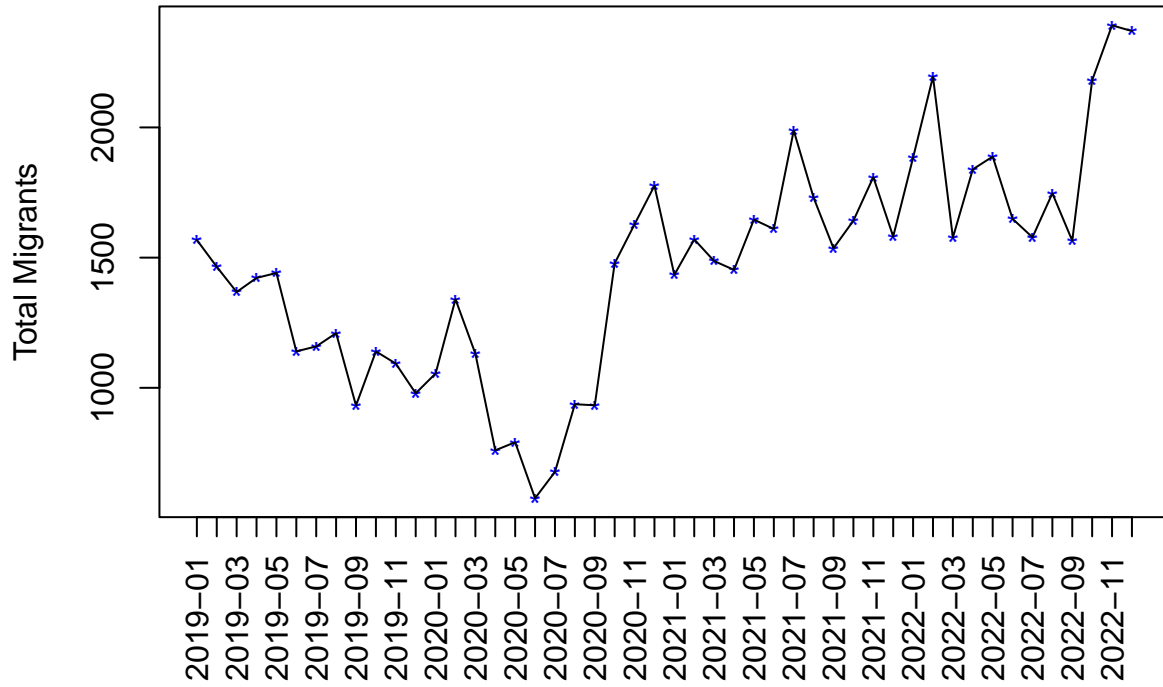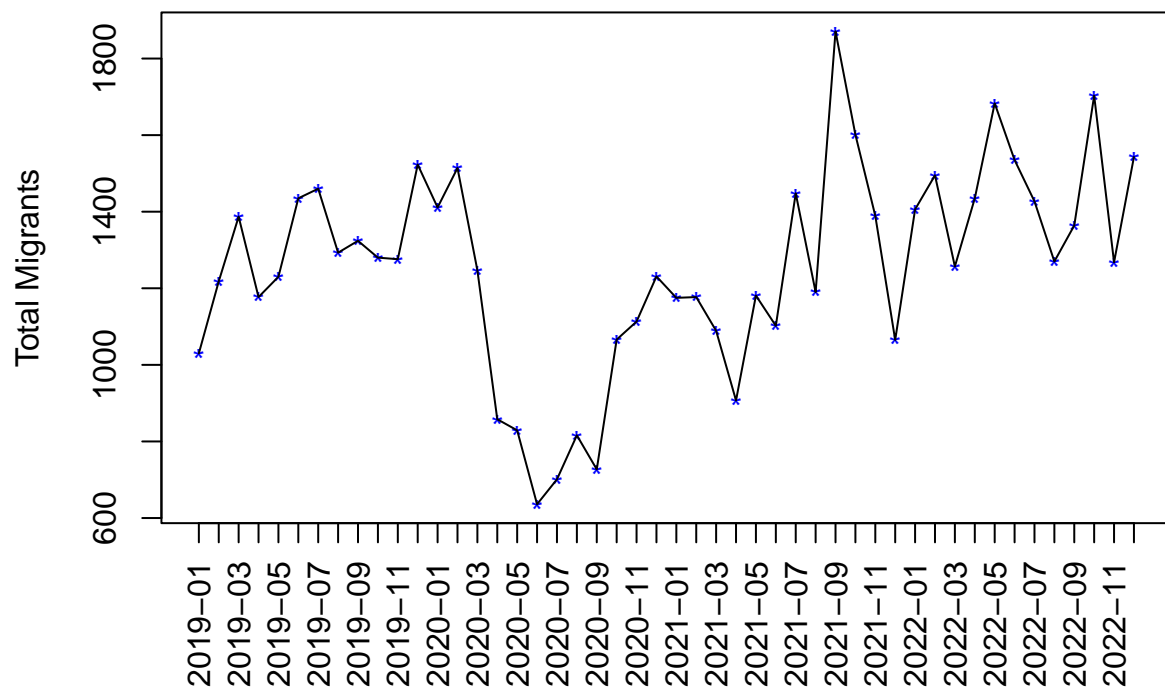# Total Migrants Leaving EG

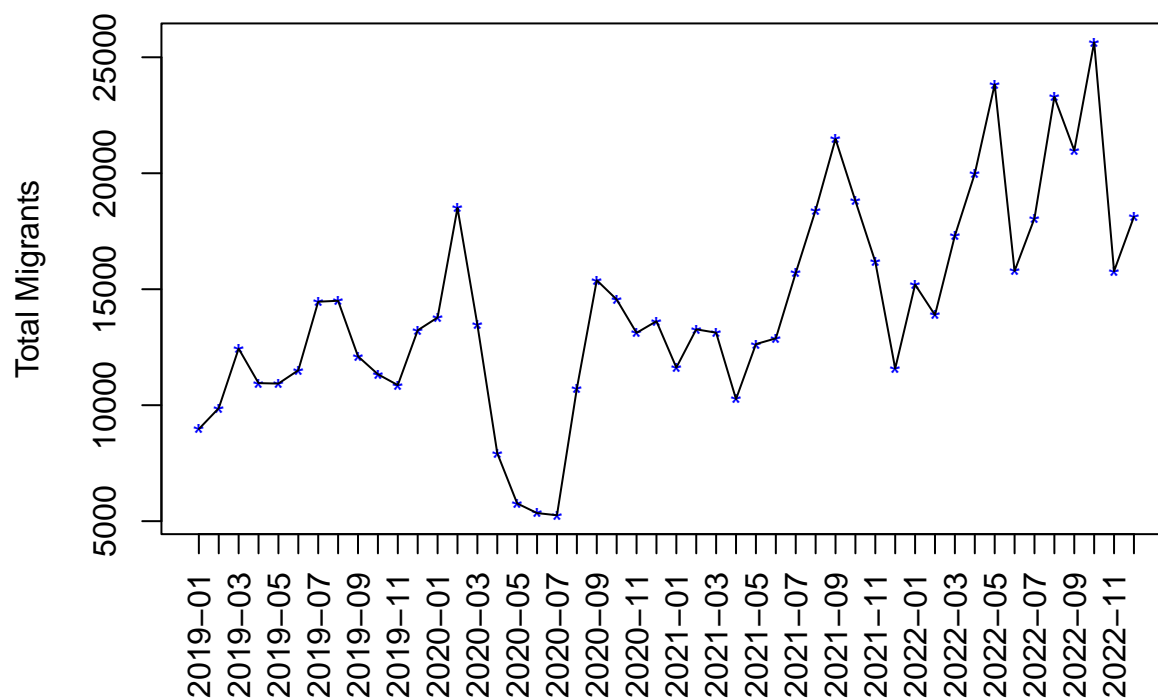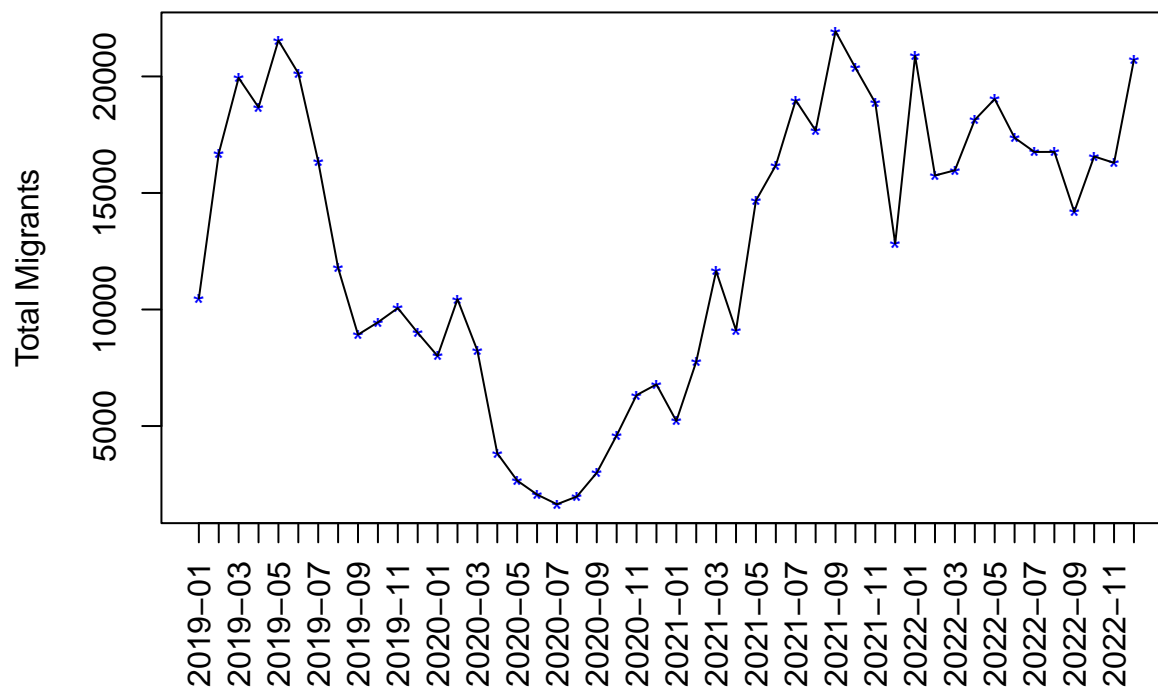# Total Migrants Leaving ER

Total Migrants Leaving ES

Total Migrants Leaving ET

Total Migrants Leaving FI

Total Migrants Leaving FJ

Total Migrants Leaving FM

Total Migrants Leaving FR

Total Migrants Leaving GA

Total Migrants Leaving GB
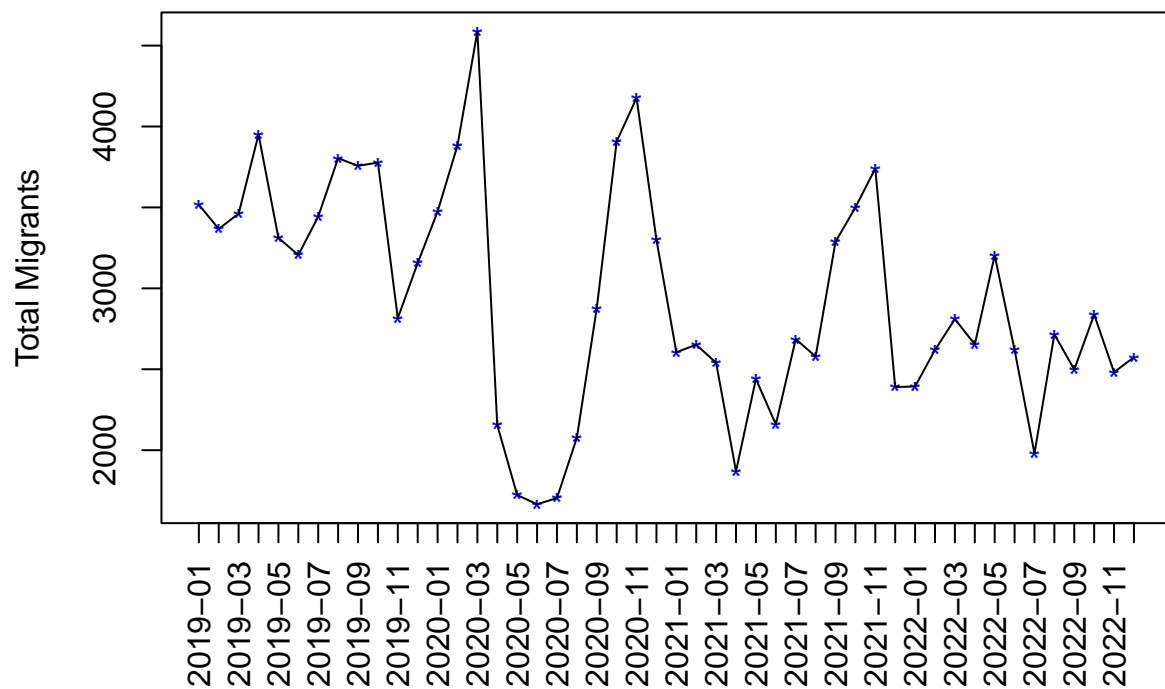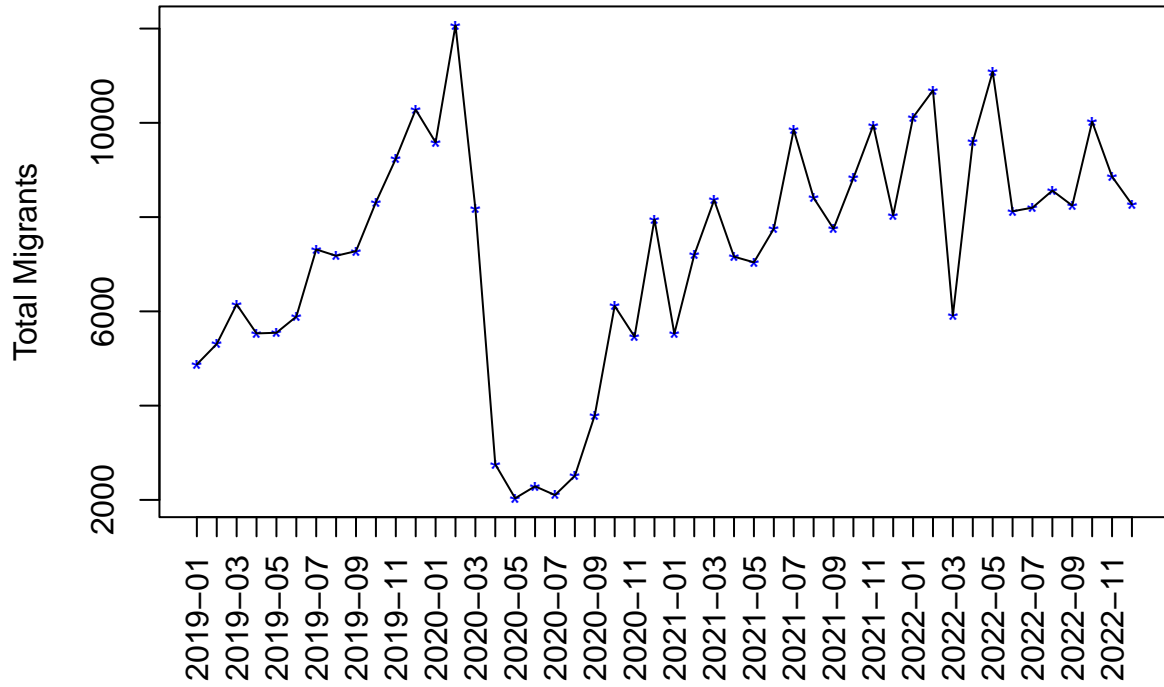
Total Migrants Leaving GD

Total Migrants Leaving GE

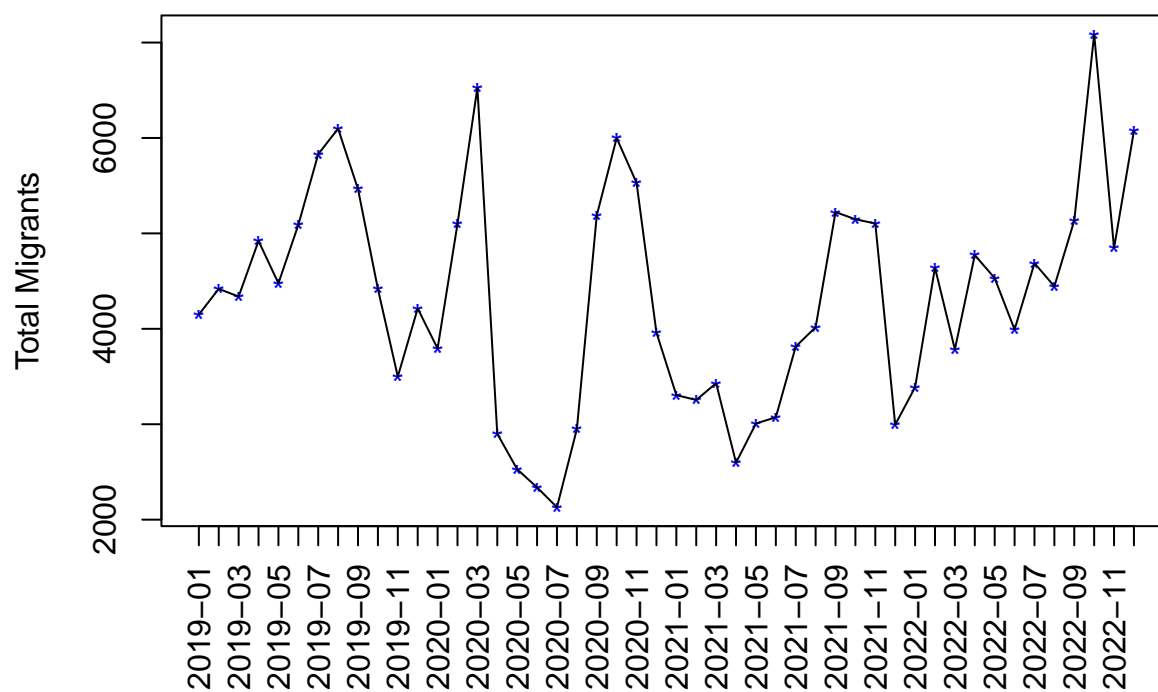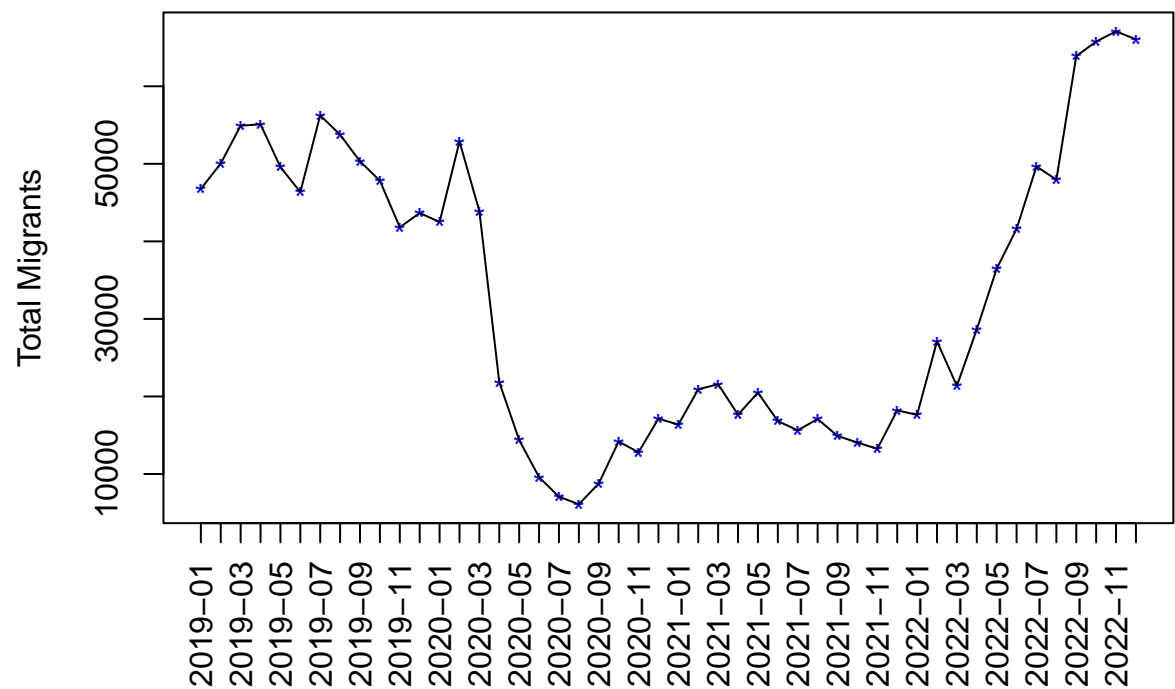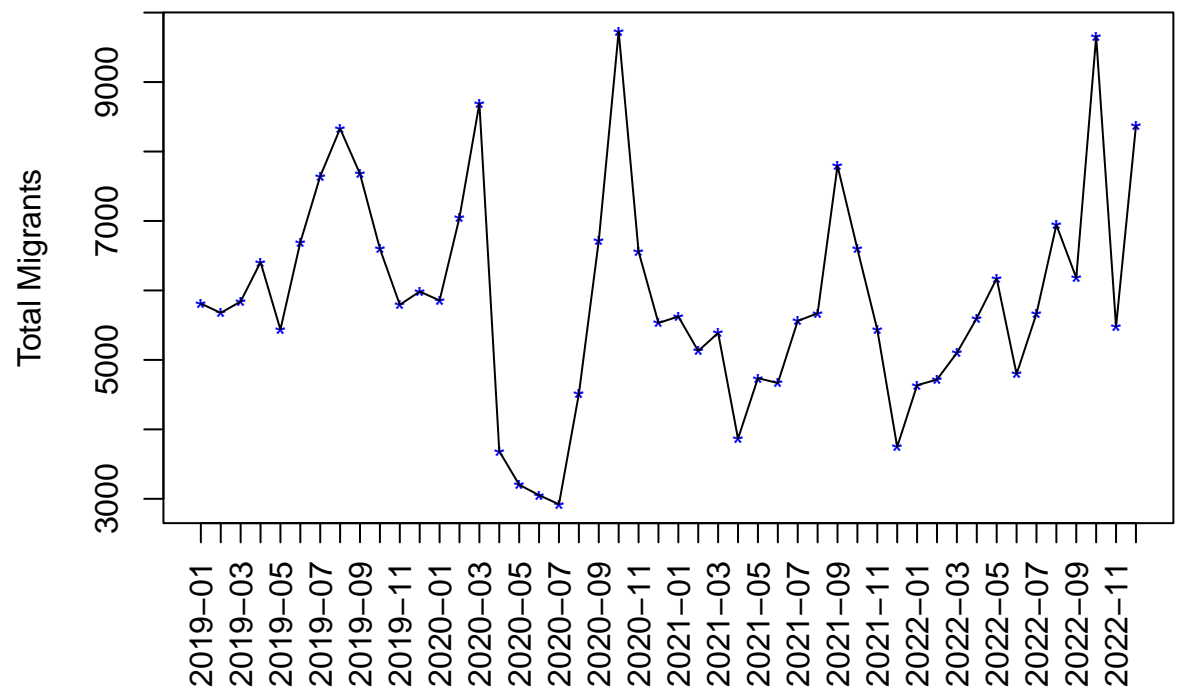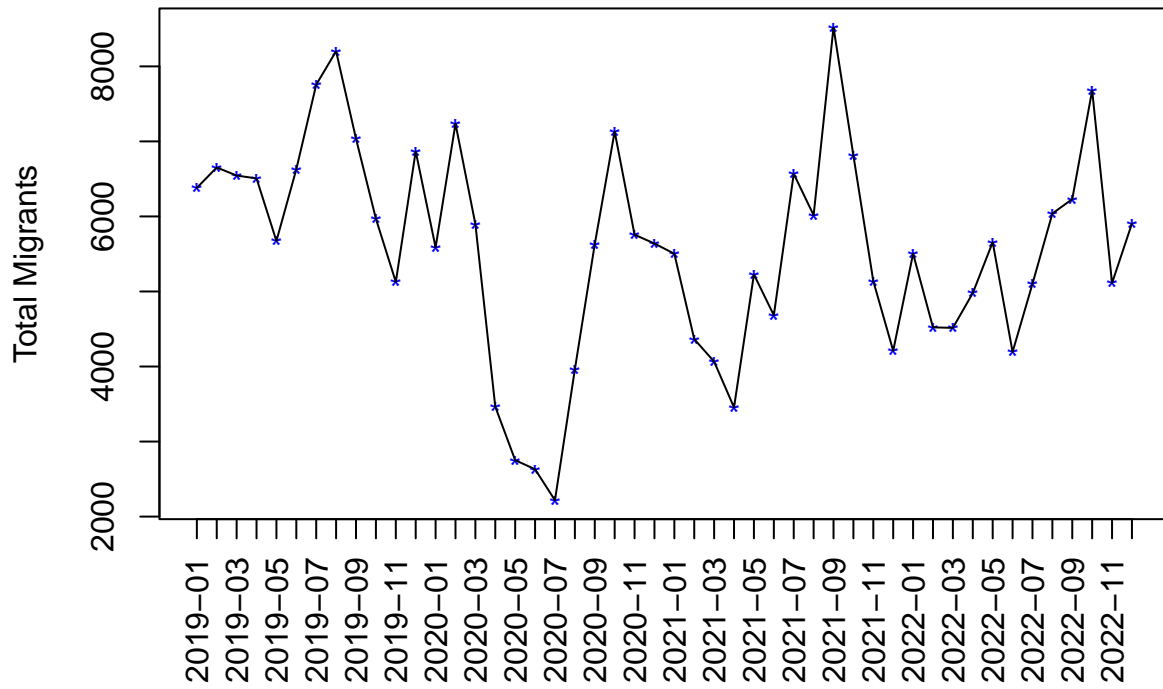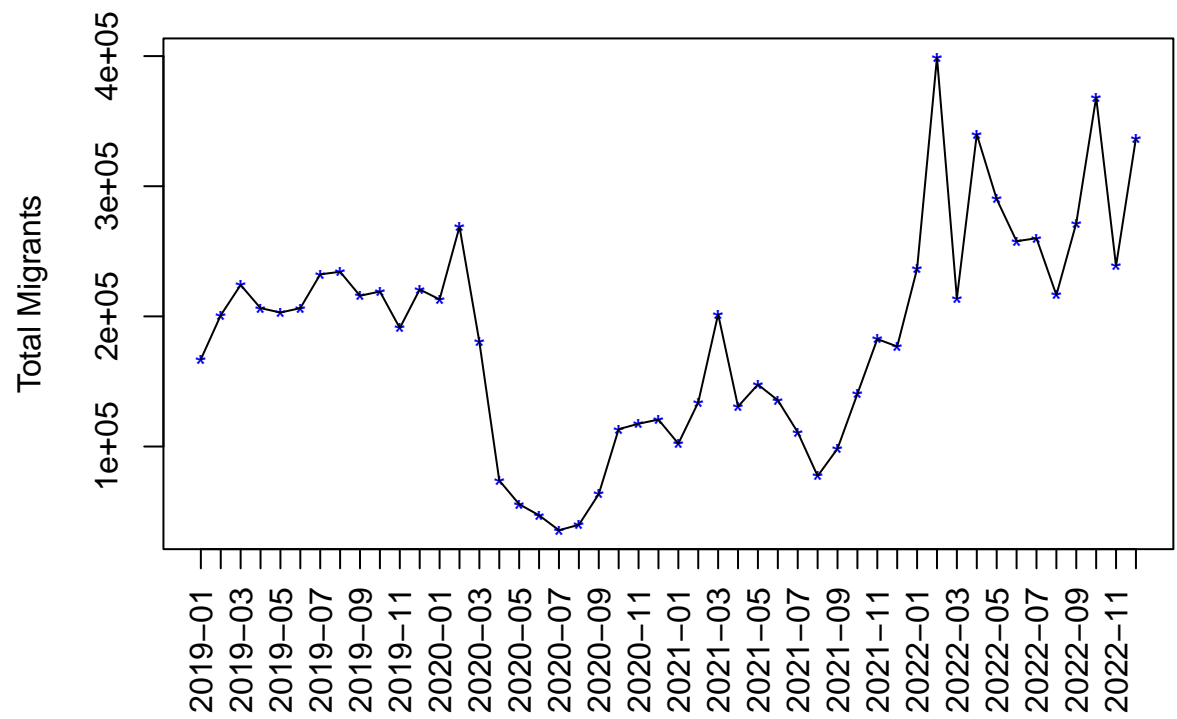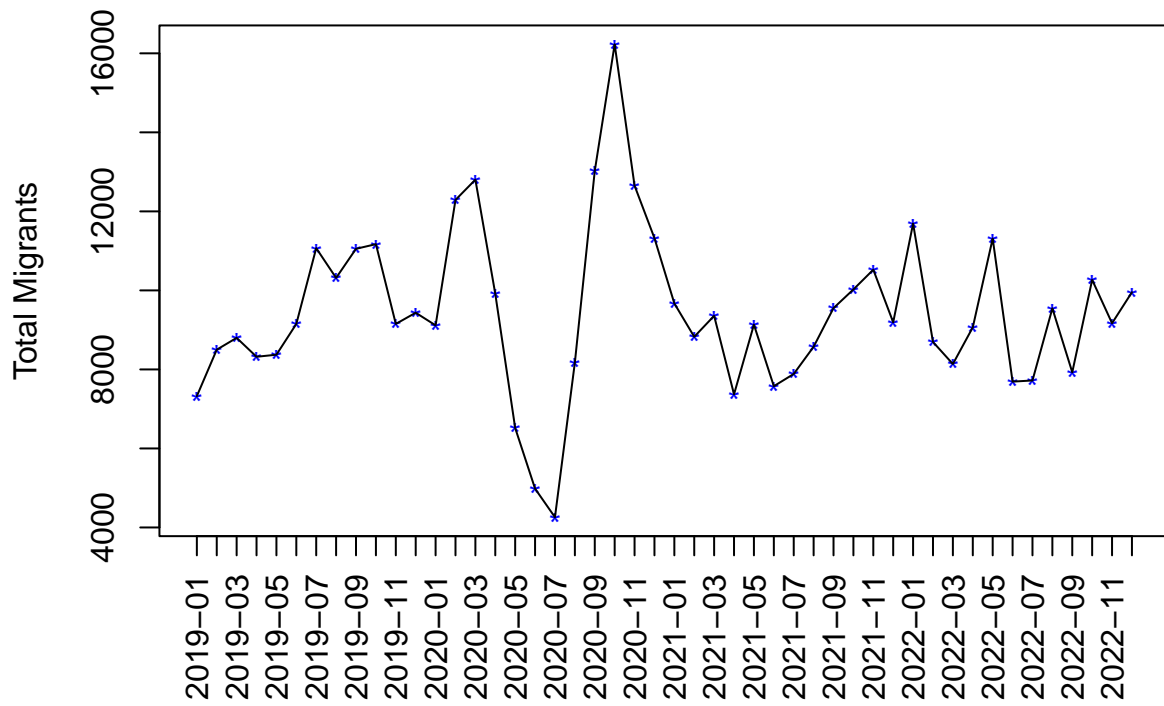# Total Migrants Leaving GH
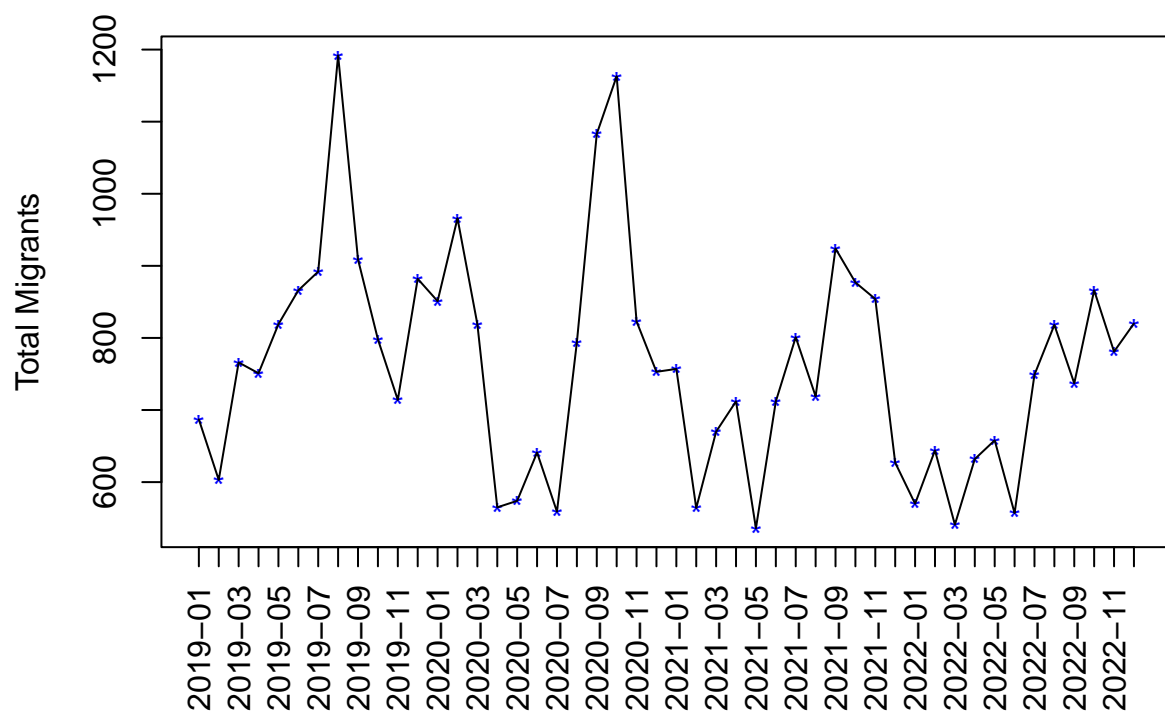
Total Migrants Leaving GM
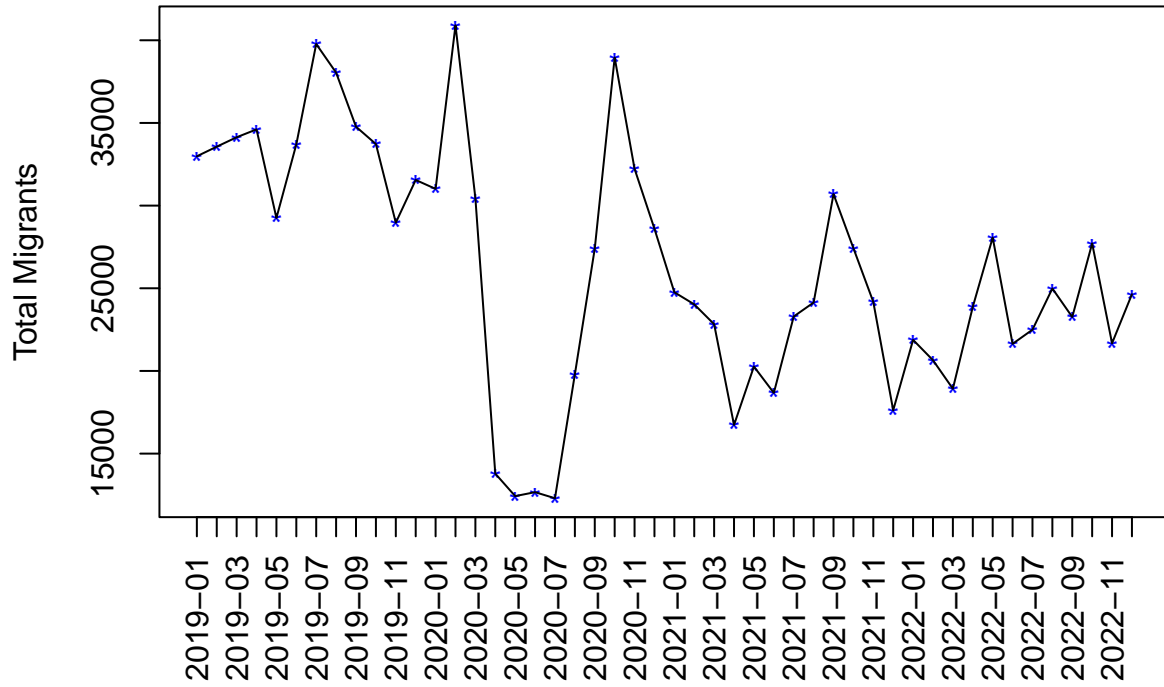
Total Migrants Leaving GN
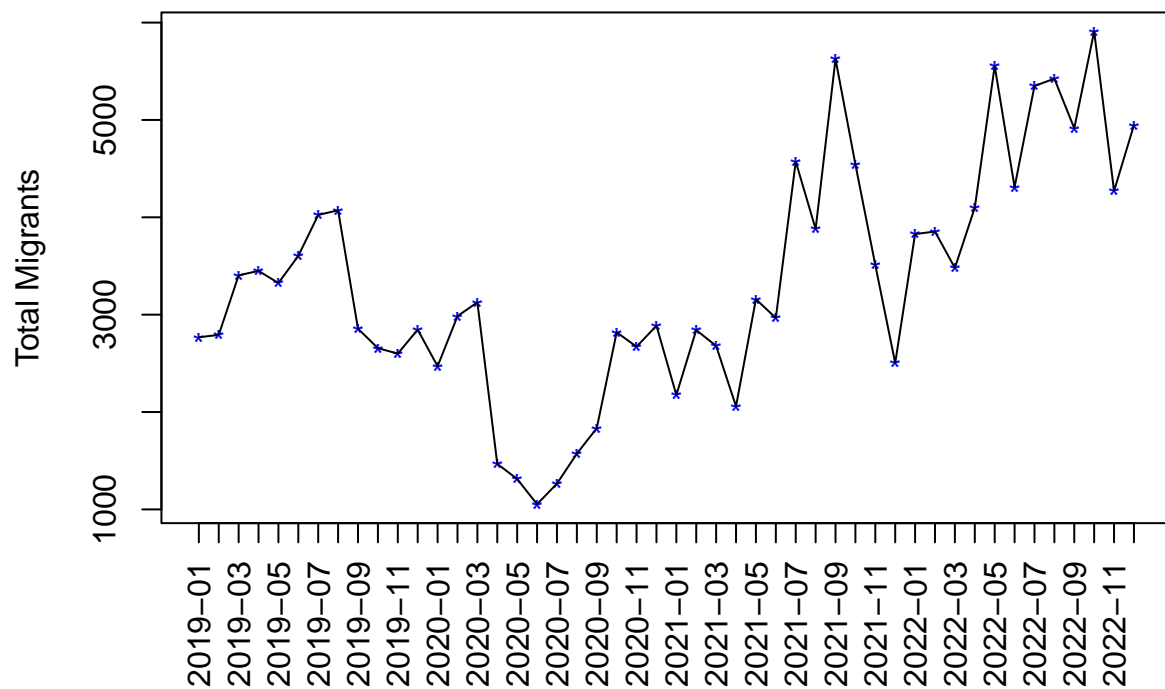
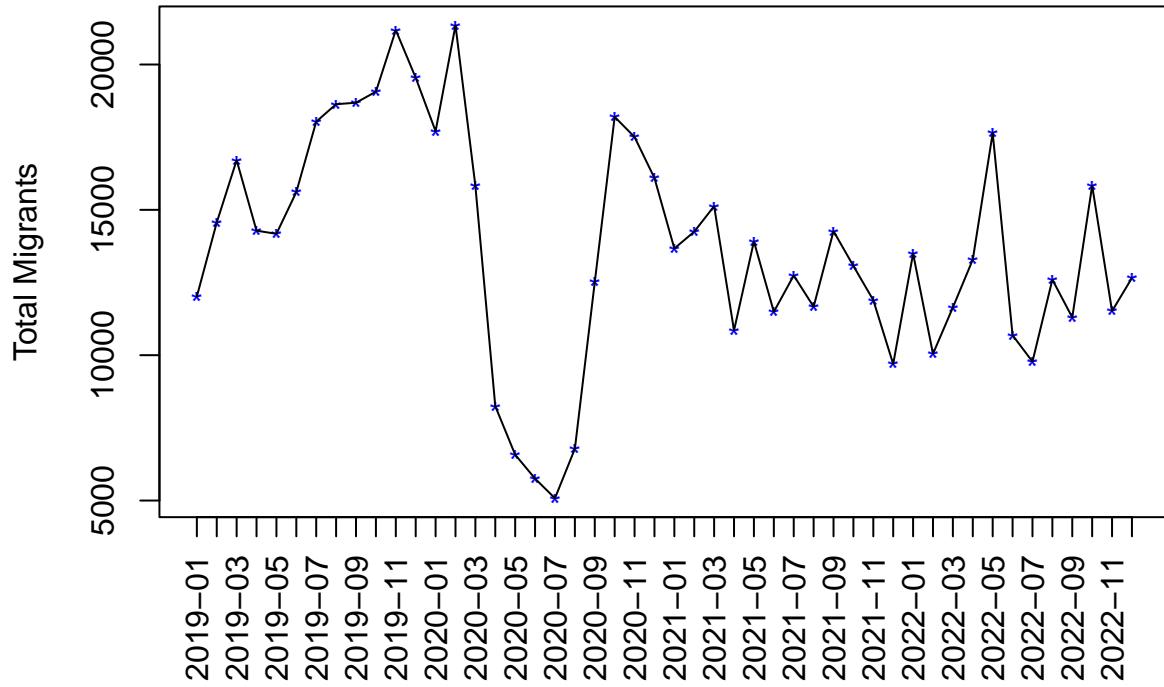# Total Migrants Leaving GQ

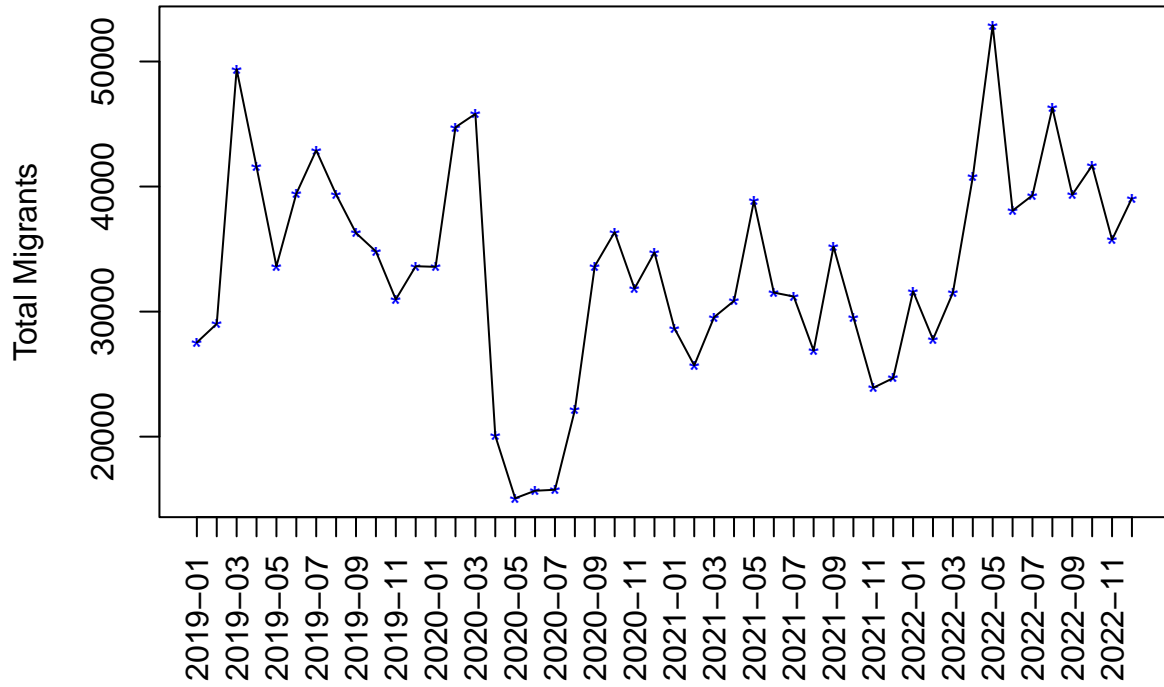# Total Migrants Leaving GR

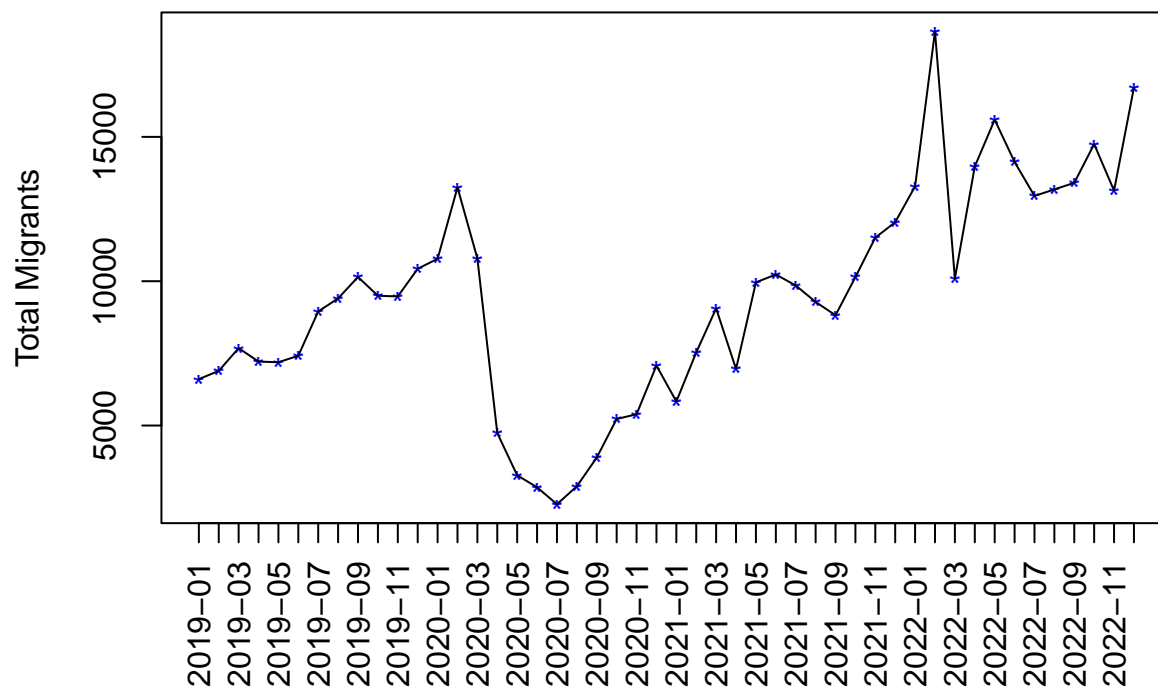# Total Migrants Leaving GT
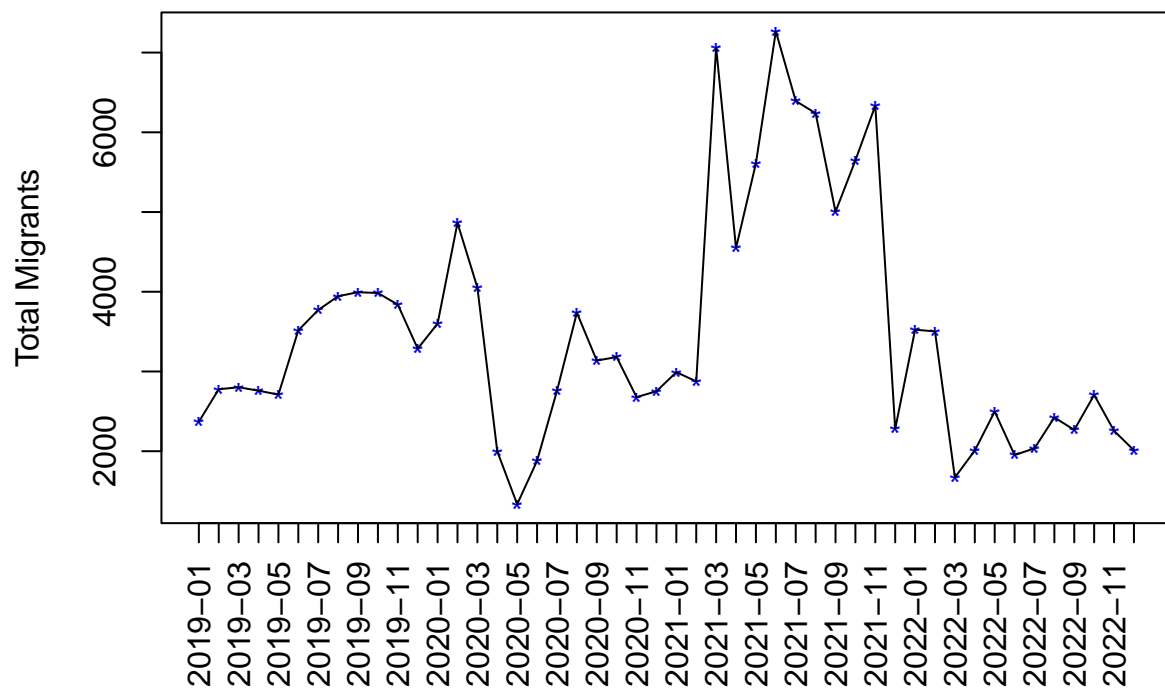
Total Migrants Leaving GW

Total Migrants Leaving GY

Total Migrants Leaving HK

Total Migrants Leaving HN

Total Migrants Leaving HR

Total Migrants Leaving HT

Total Migrants Leaving HU
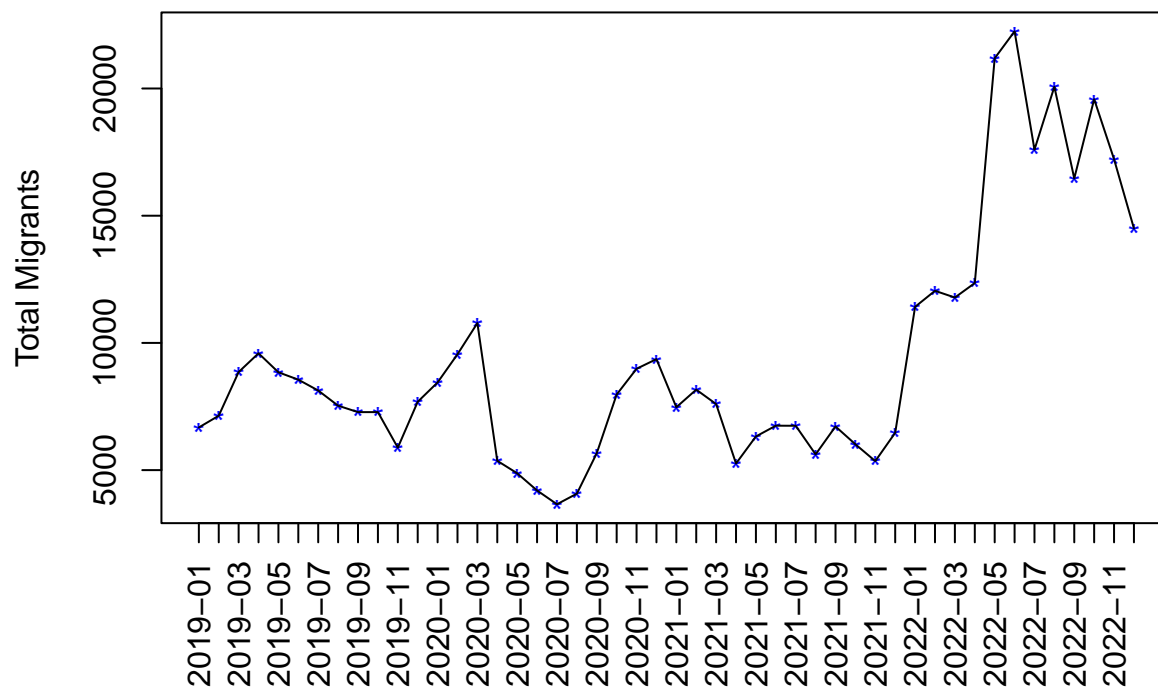
Total Migrants Leaving ID

Total Migrants Leaving IE

Total Migrants Leaving IL

Total Migrants Leaving IN

Total Migrants Leaving IQ

Total Migrants Leaving IS

Total Migrants Leaving IT

Total Migrants Leaving JM

Total Migrants Leaving JO

Total Migrants Leaving JP
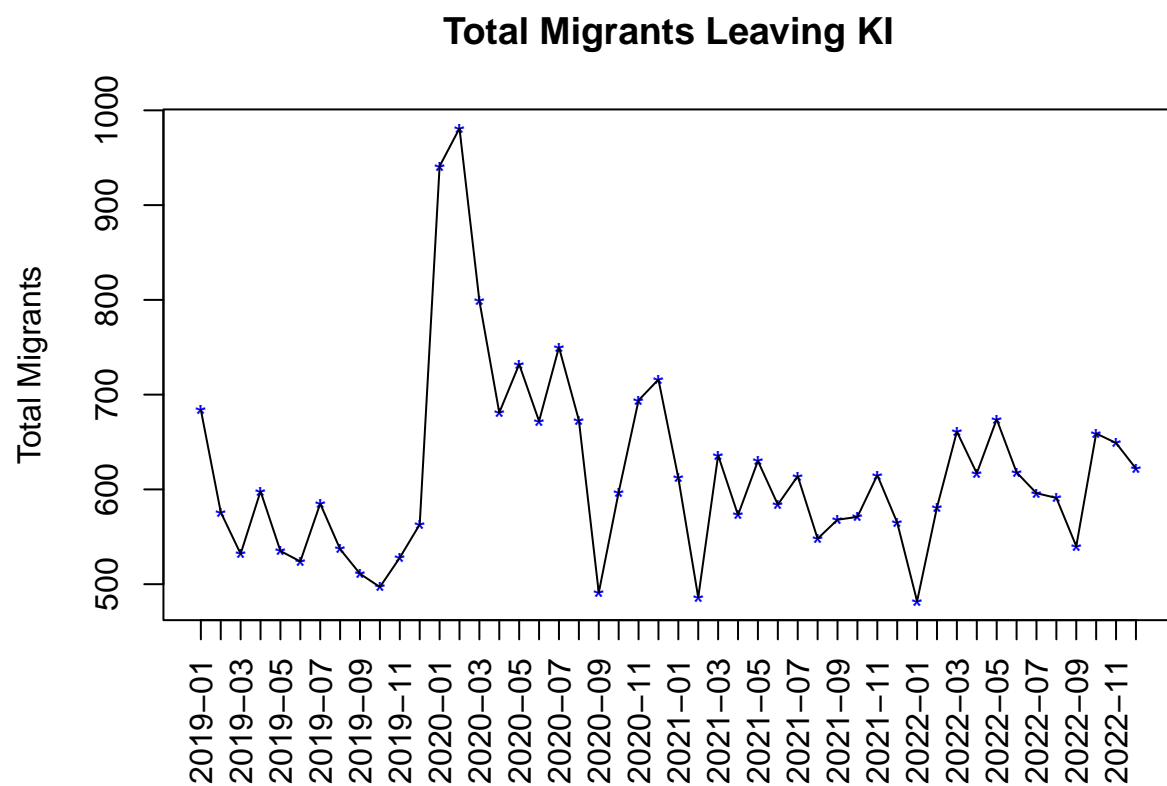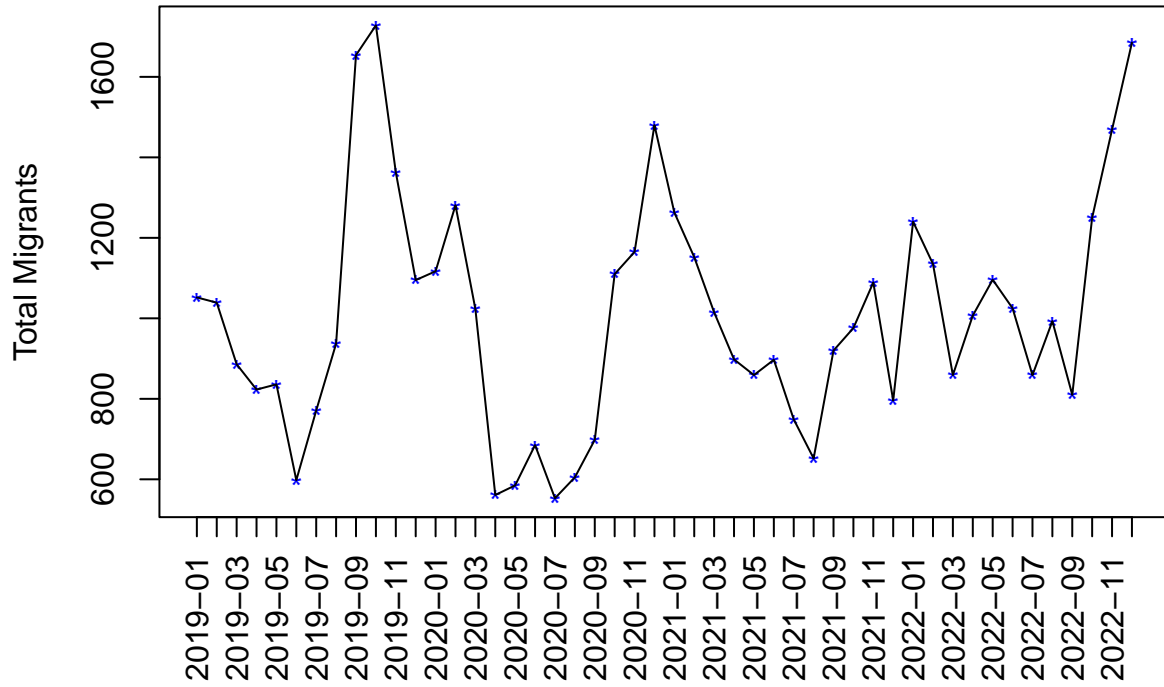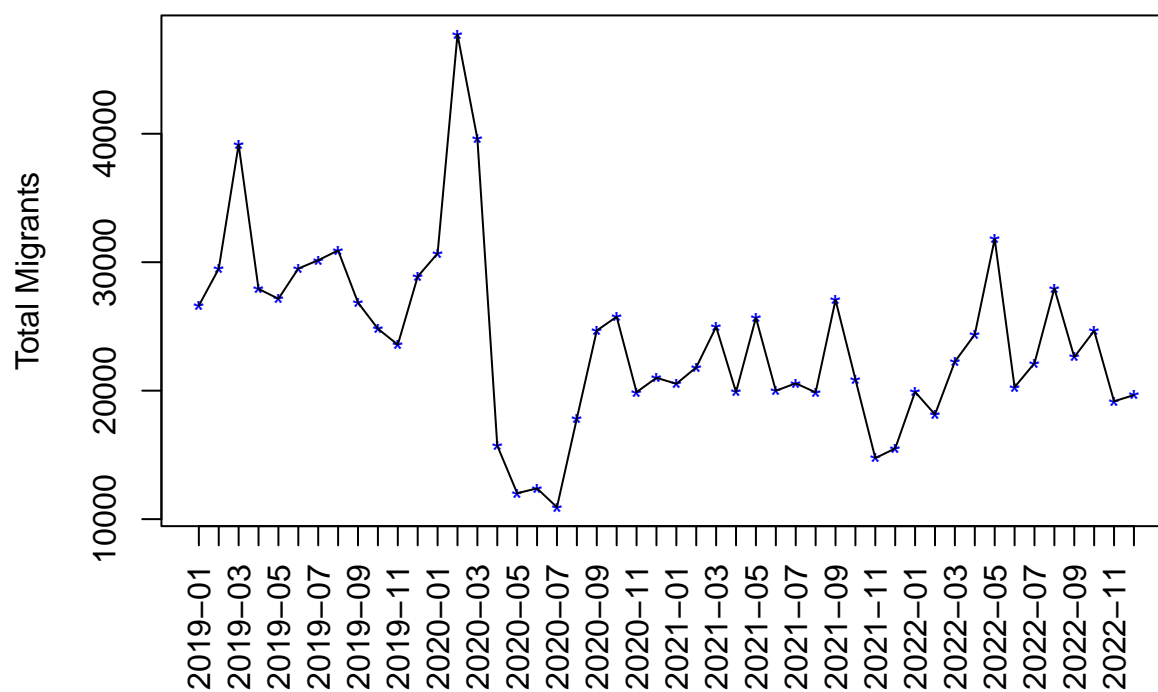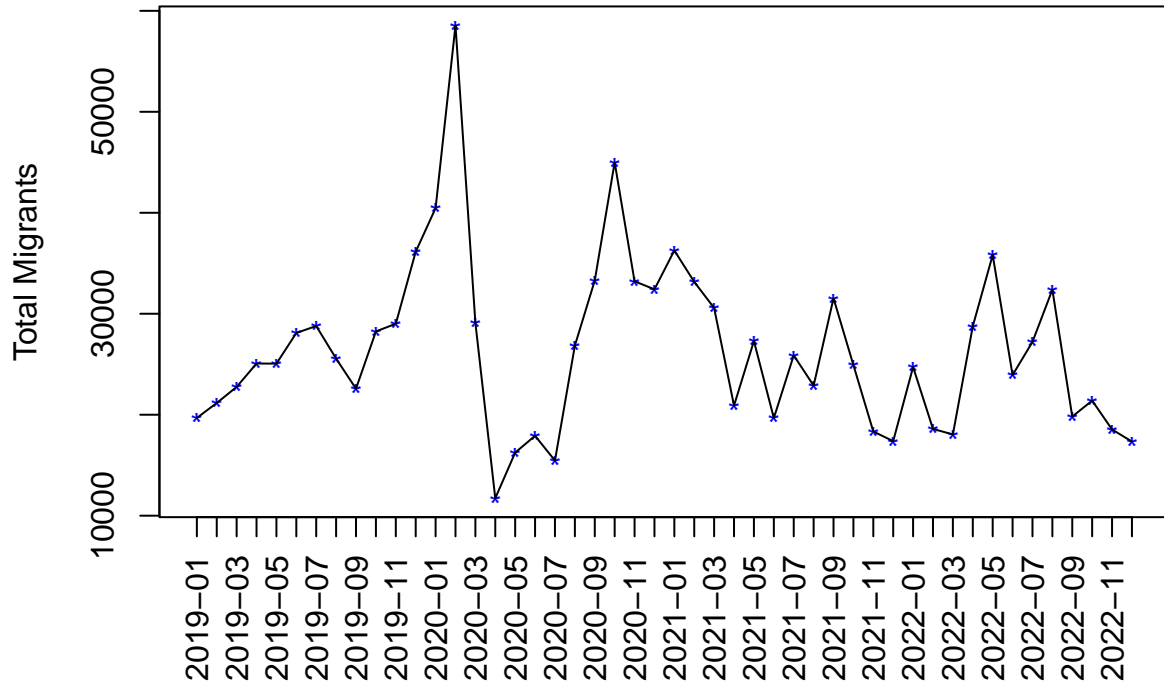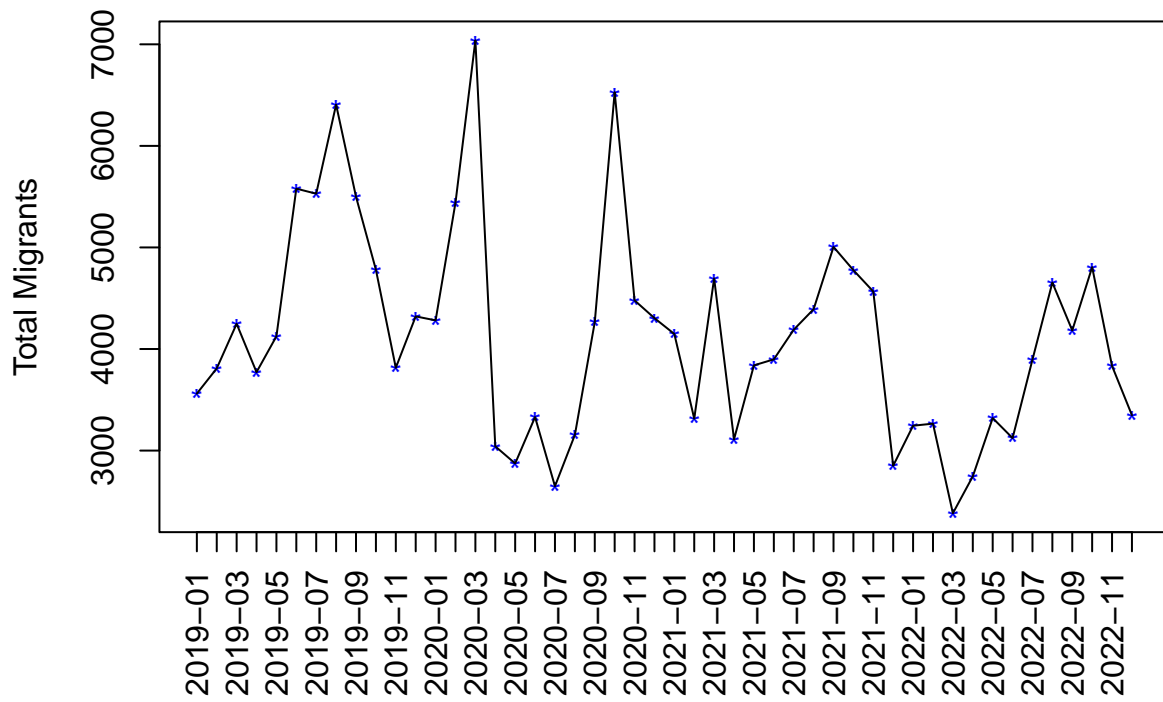
Total Migrants Leaving KE

Total Migrants Leaving KG

Total Migrants Leaving KH

Total Migrants Leaving KI
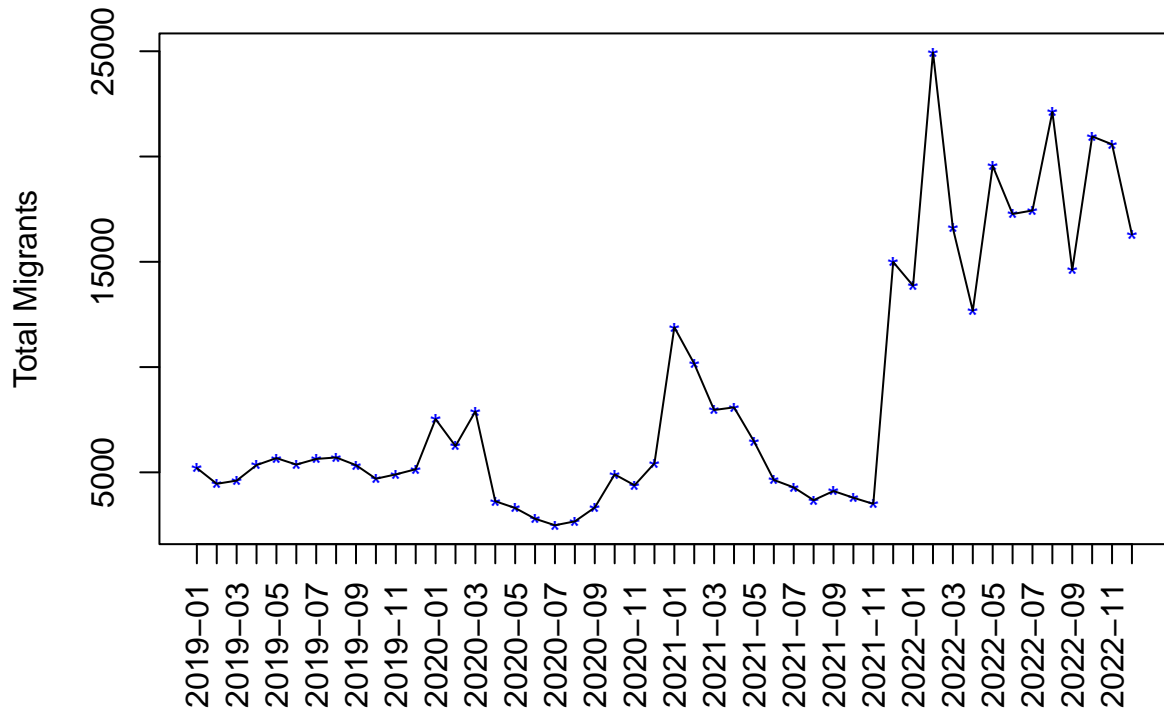
Total Migrants Leaving KM

Total Migrants Leaving KR
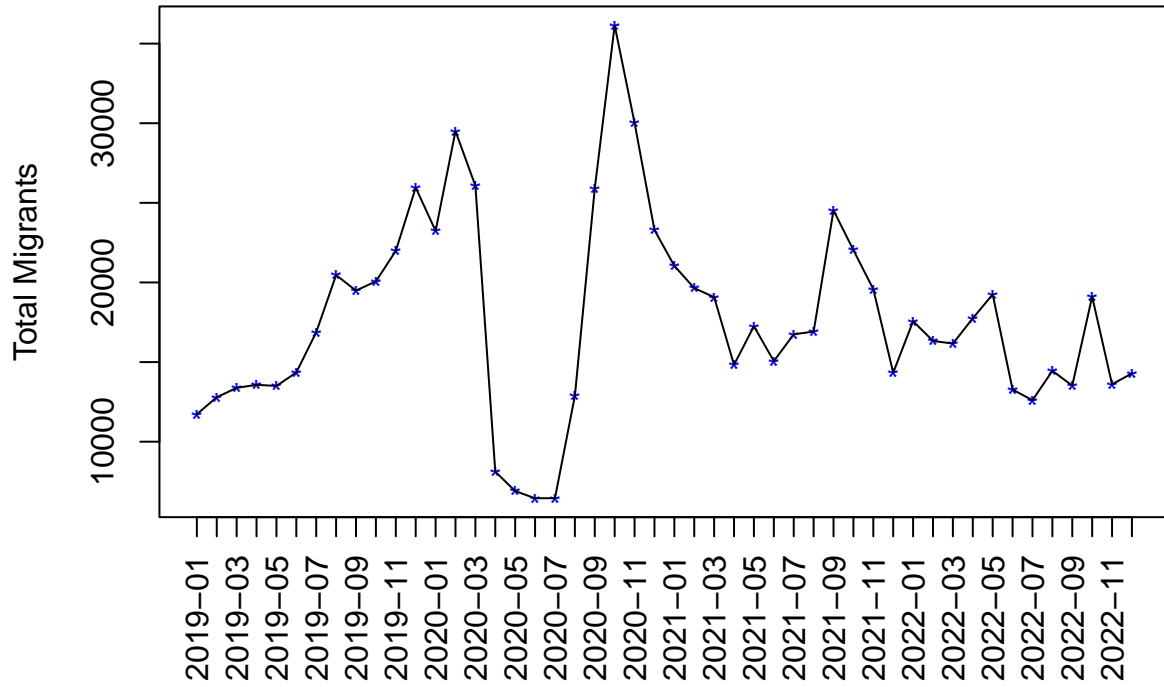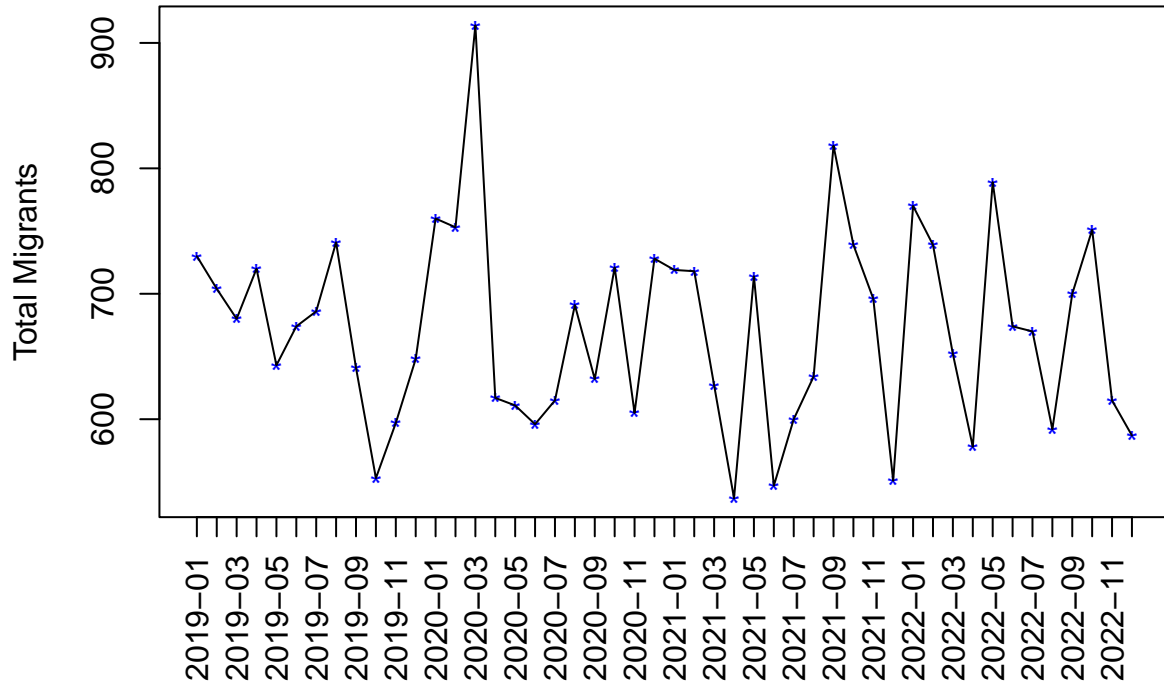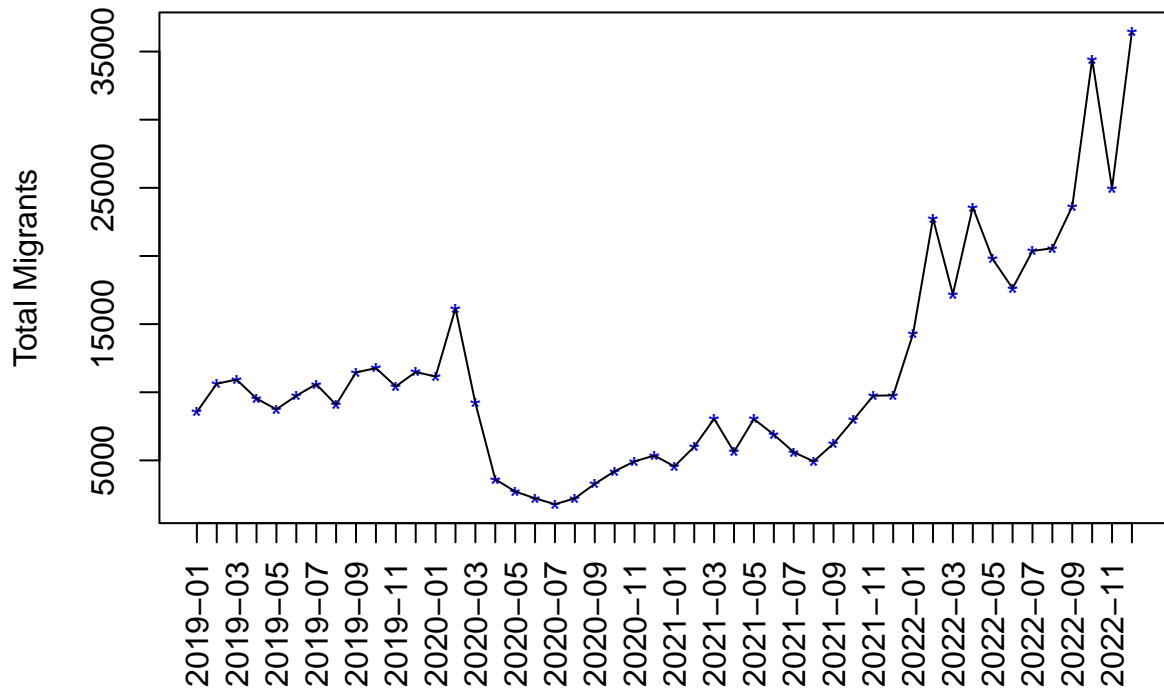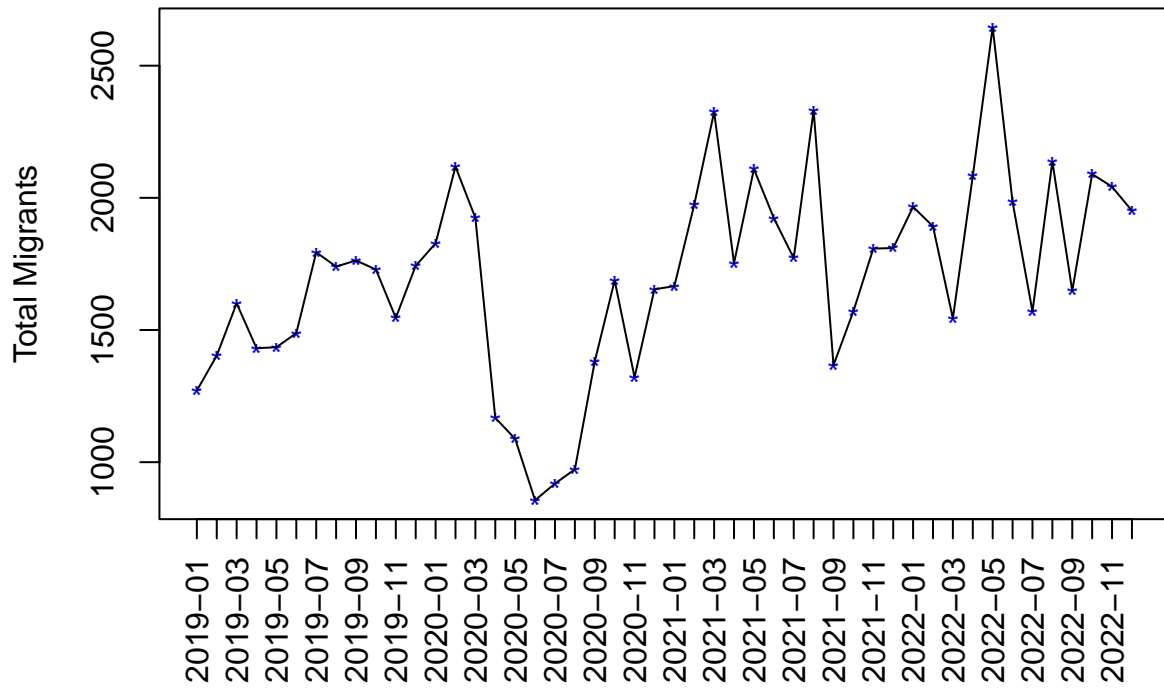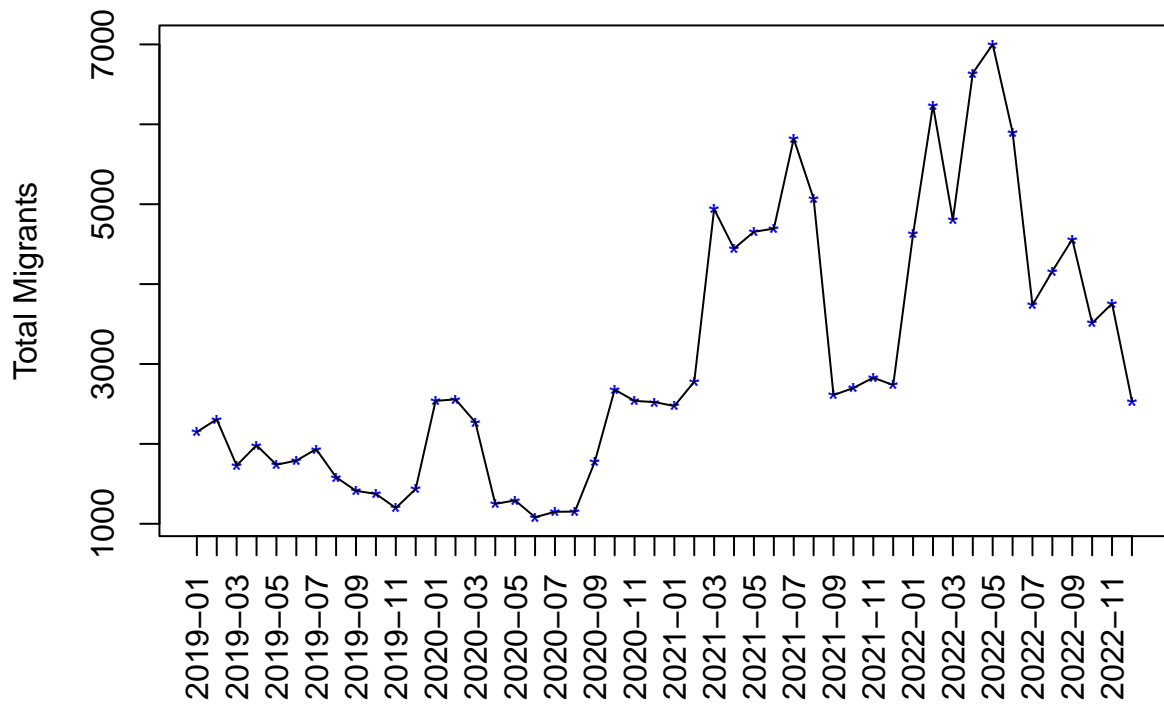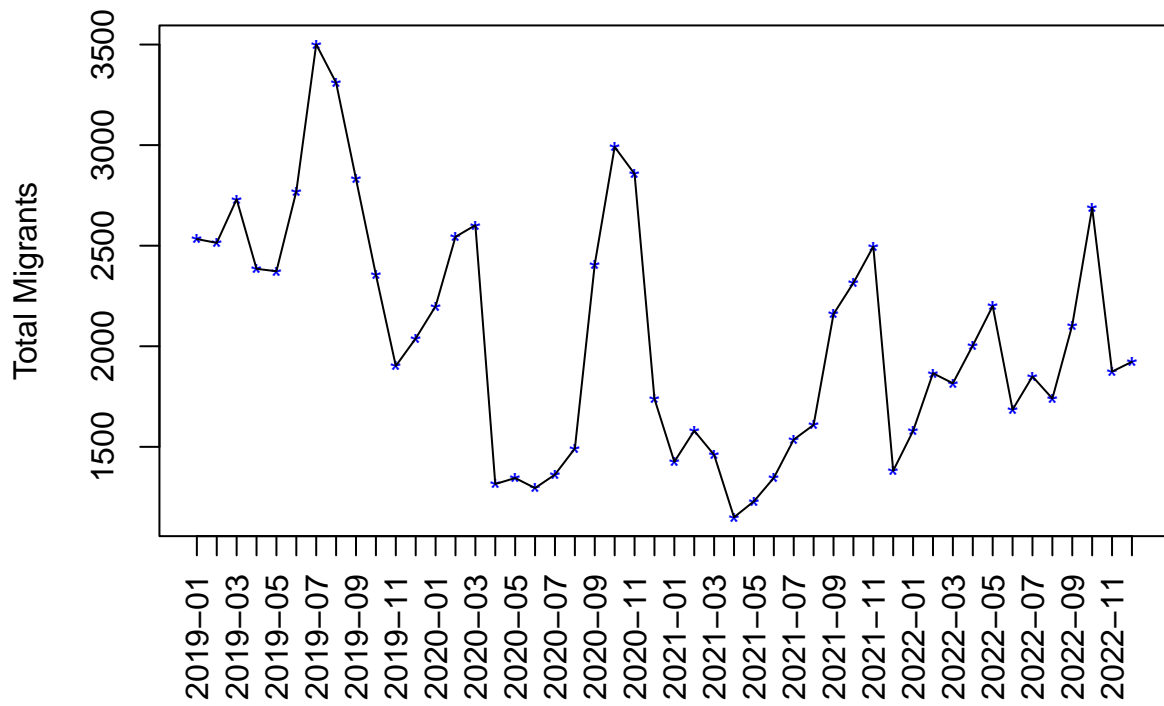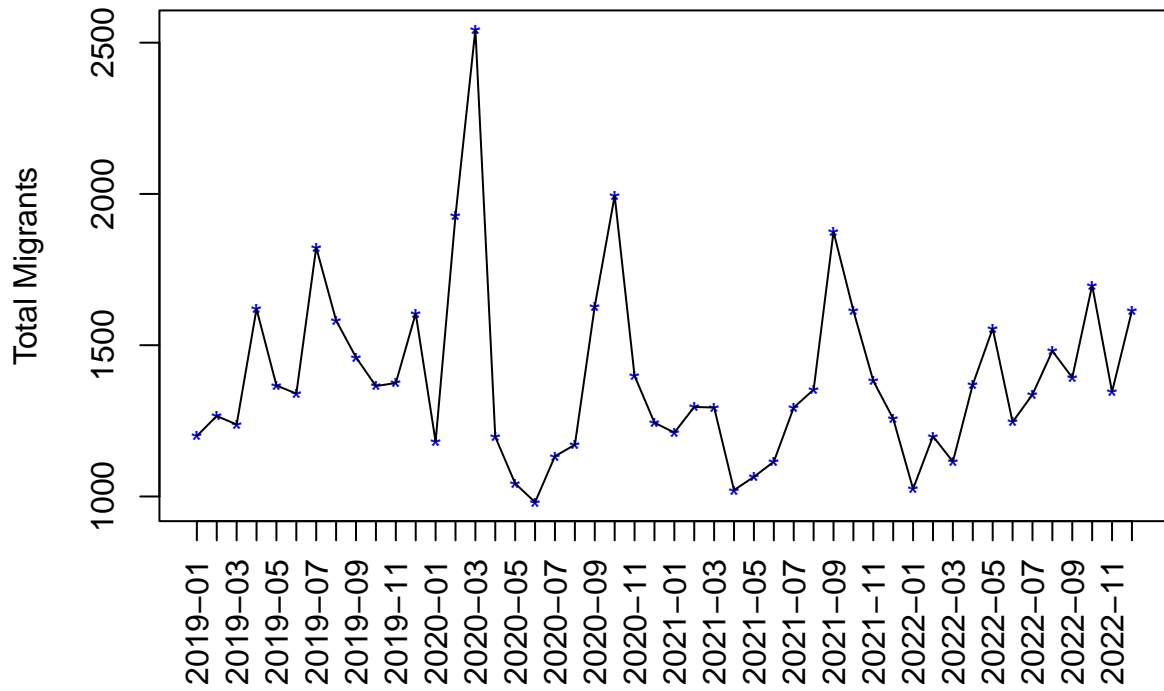
Total Migrants Leaving KW

Total Migrants Leaving KZ

Total Migrants Leaving LA

Total Migrants Leaving LB

Total Migrants Leaving LC

Total Migrants Leaving LK

Total Migrants Leaving LR
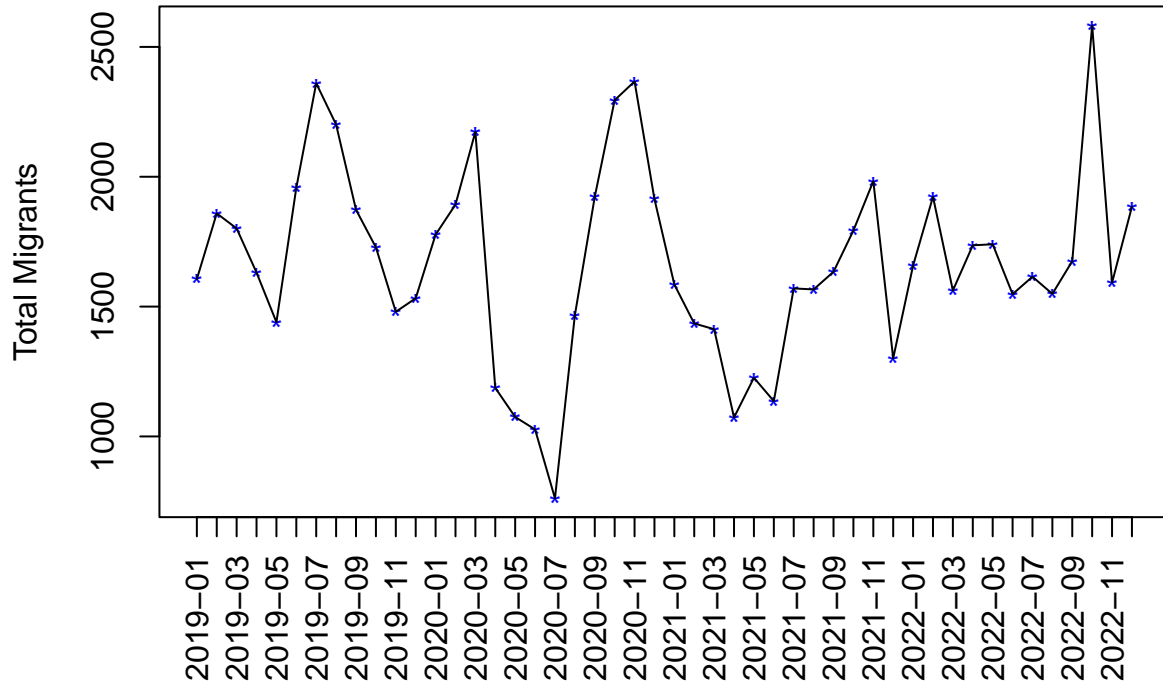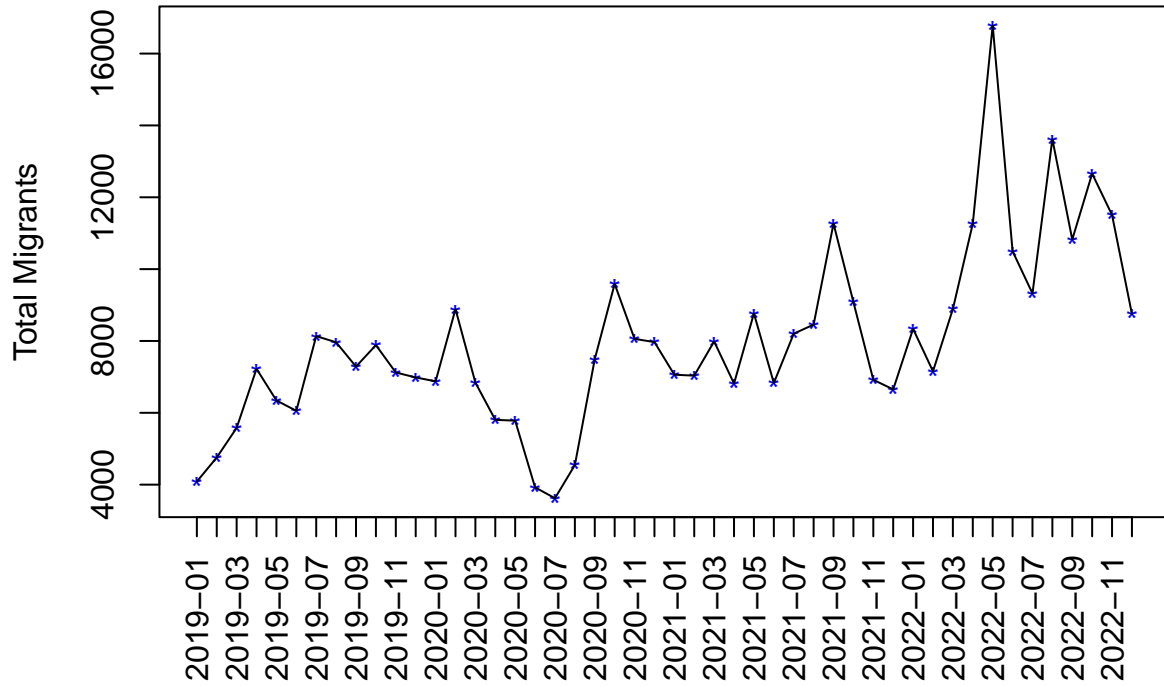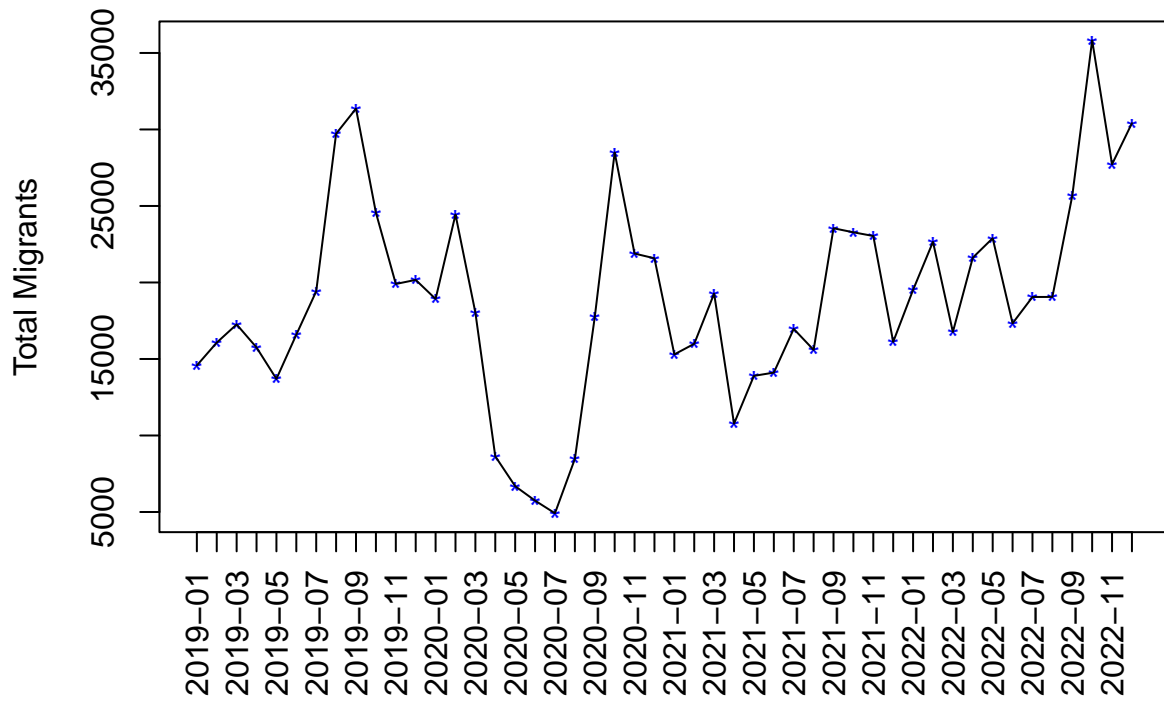
Total Migrants Leaving LS

Total Migrants Leaving LT

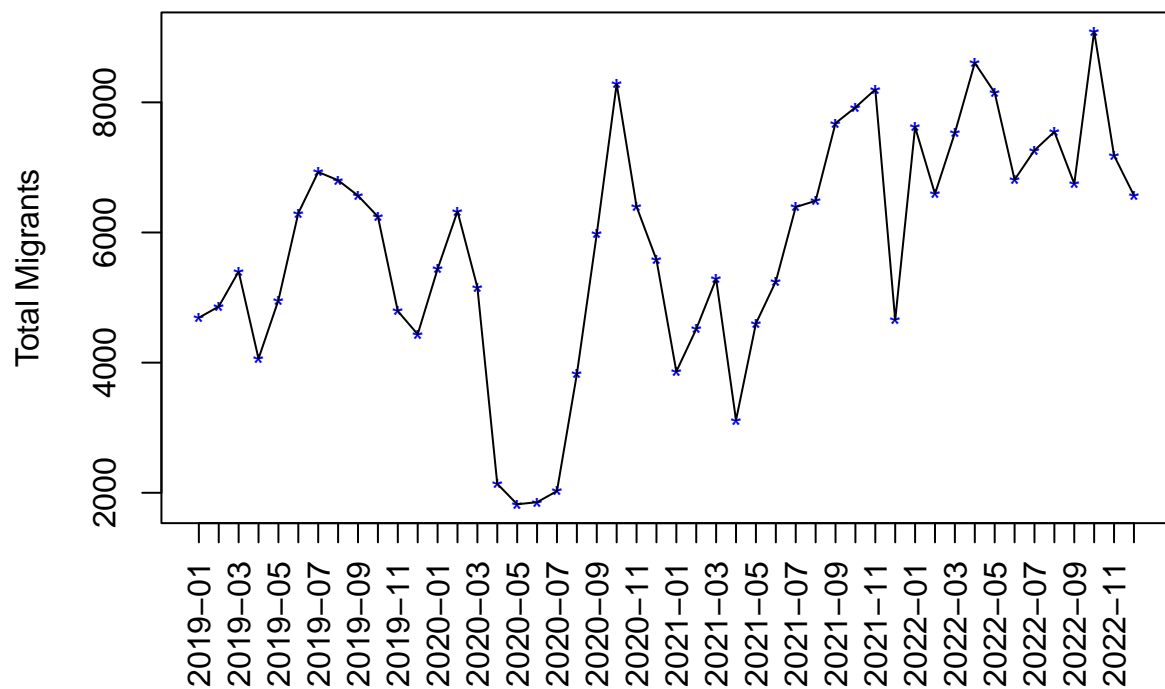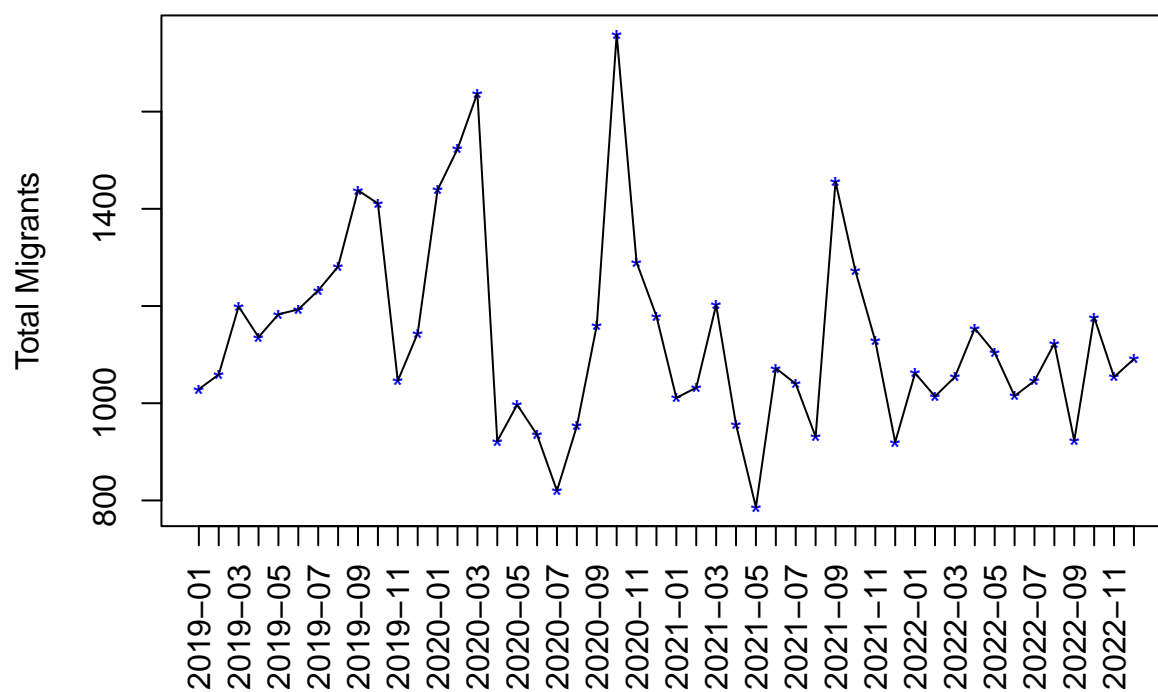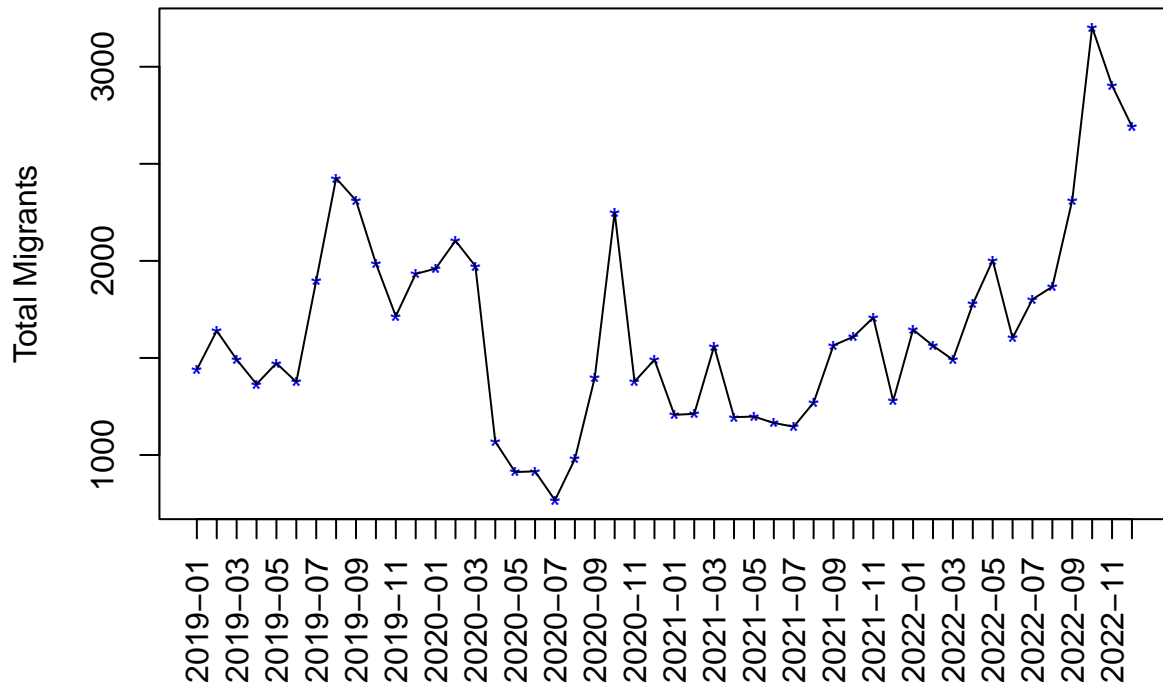# Total Migrants Leaving LU

Total Migrants Leaving LV

Total Migrants Leaving LY

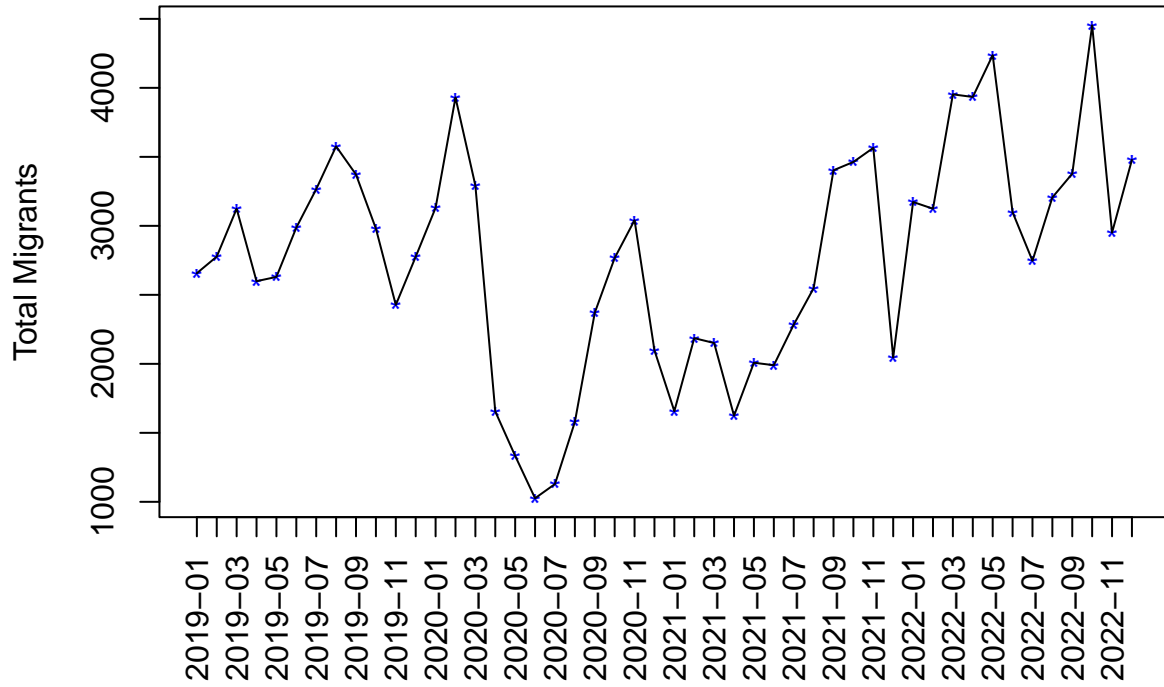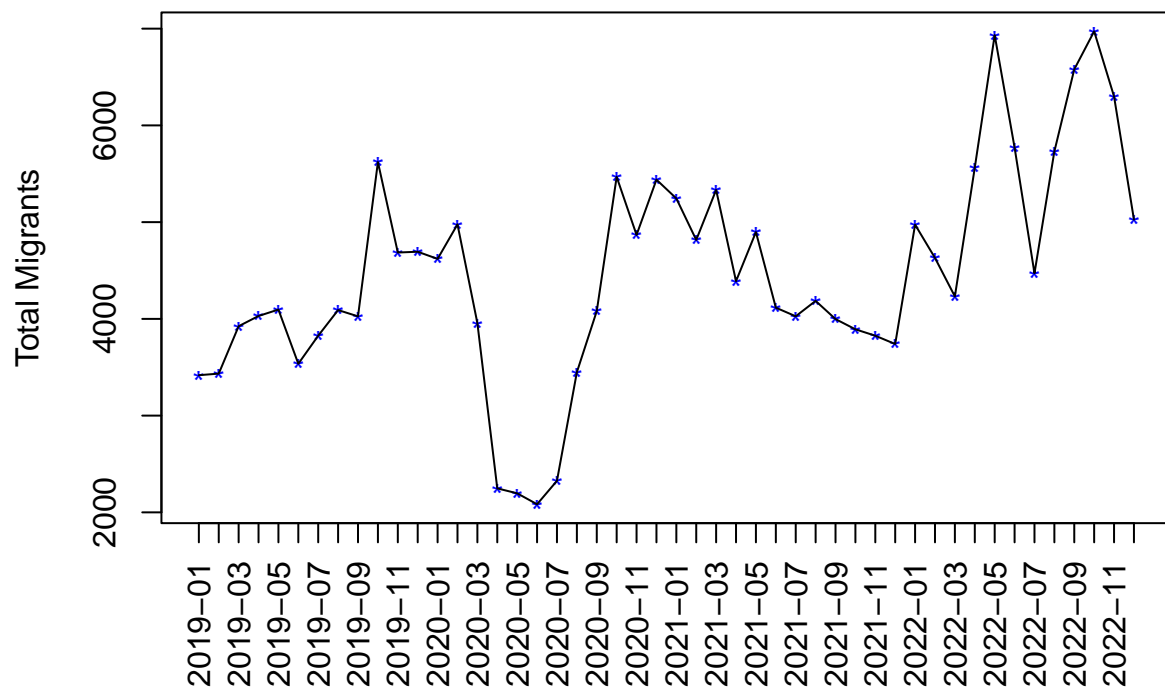# Total Migrants Leaving MA

Total Migrants Leaving MD

Total Migrants Leaving ME
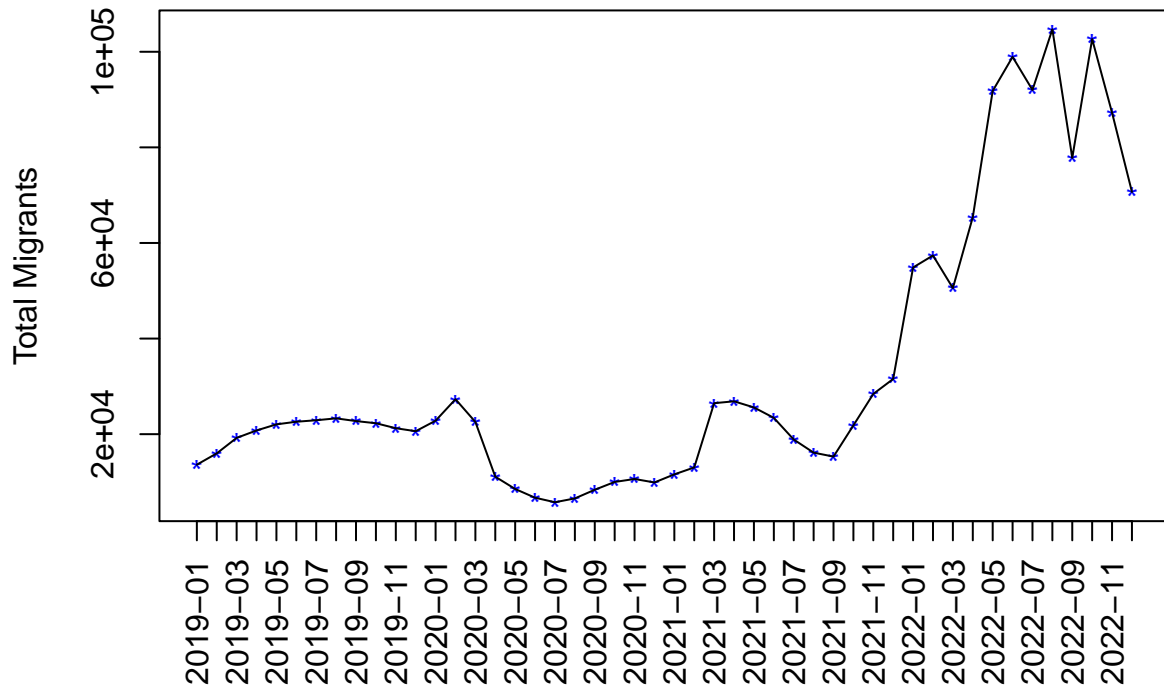
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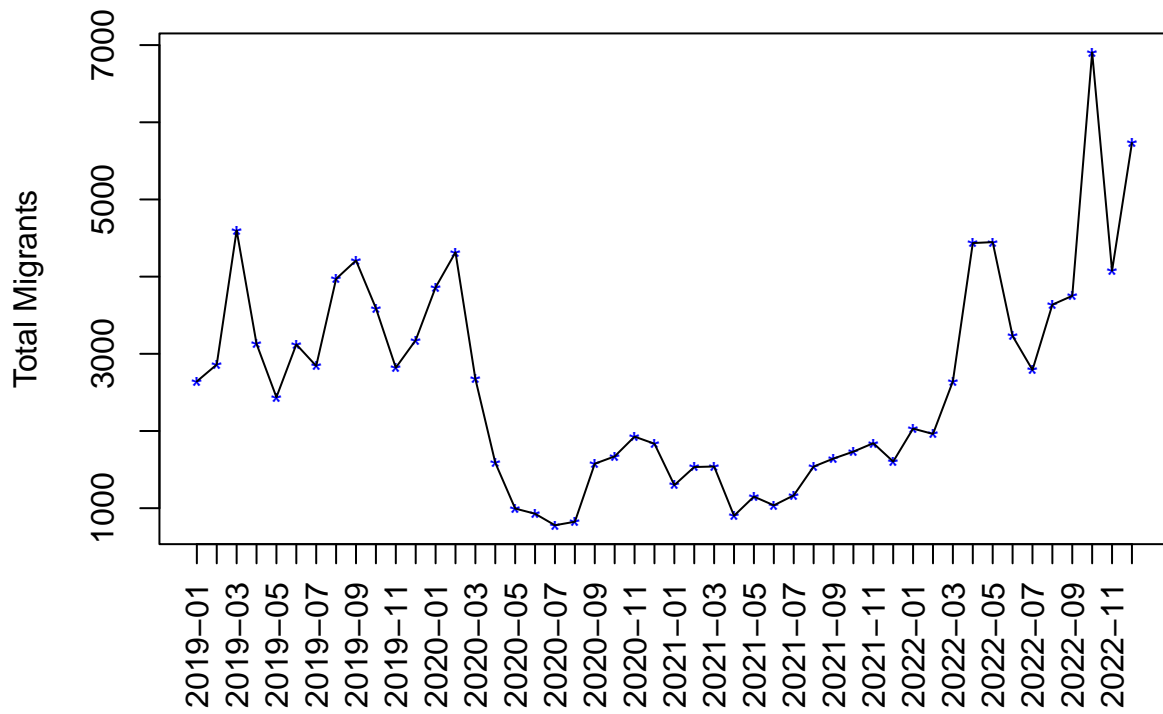
Total Migrants Leaving MK
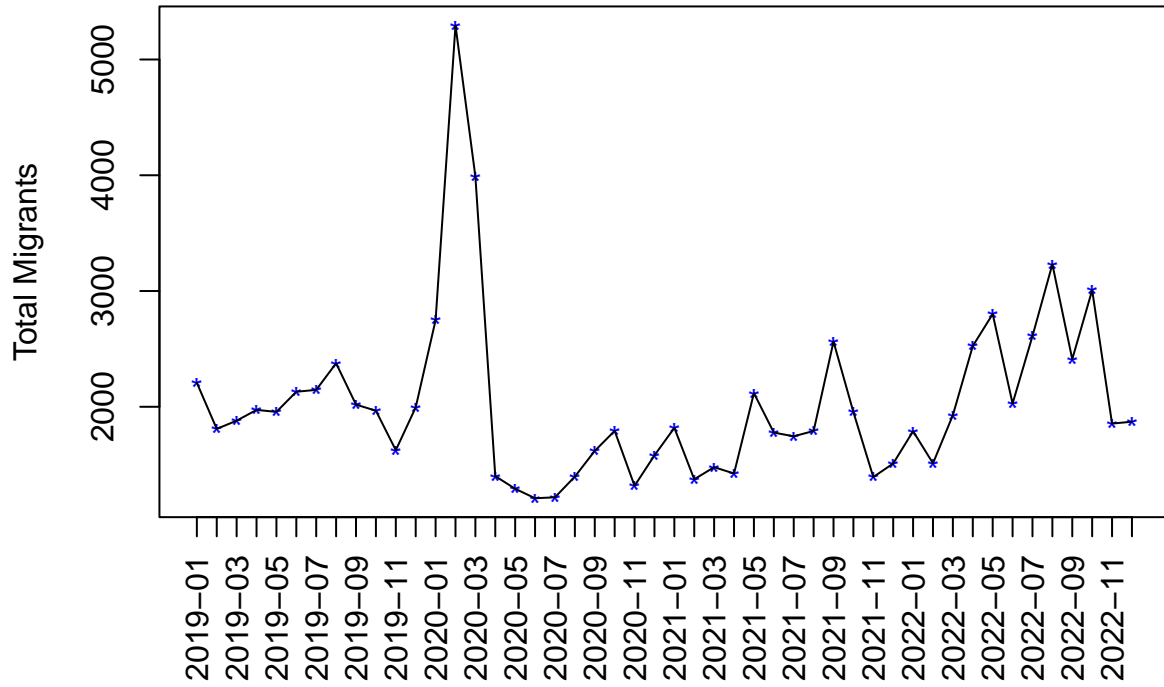
Total Migrants Leaving ML
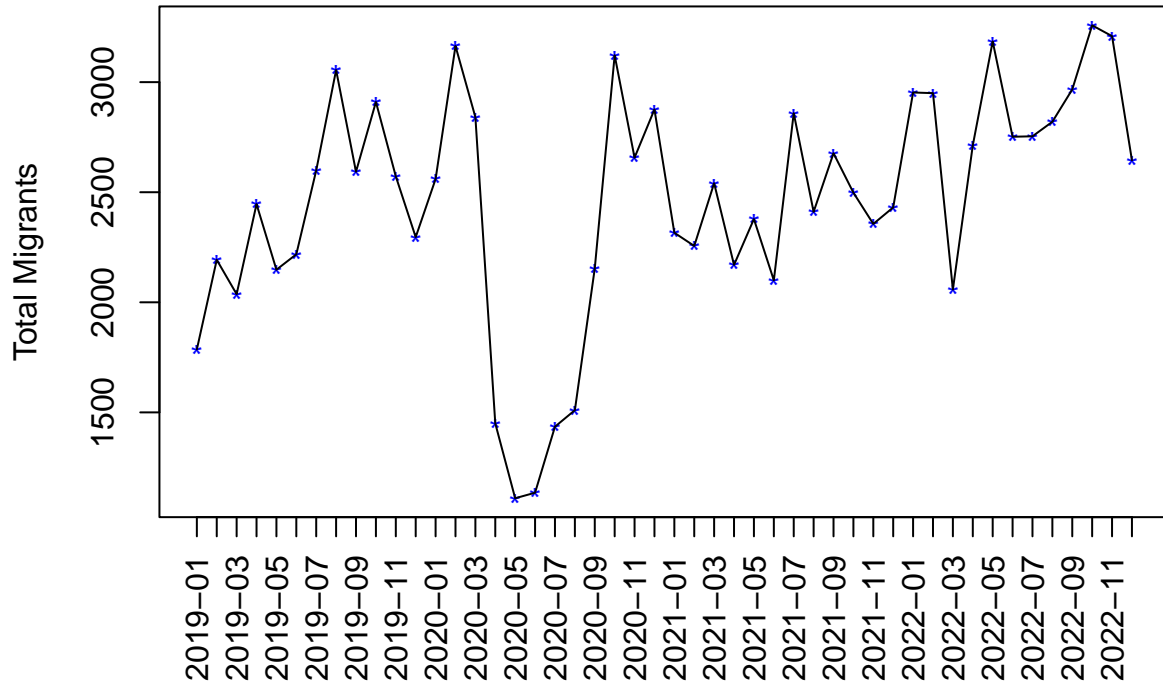
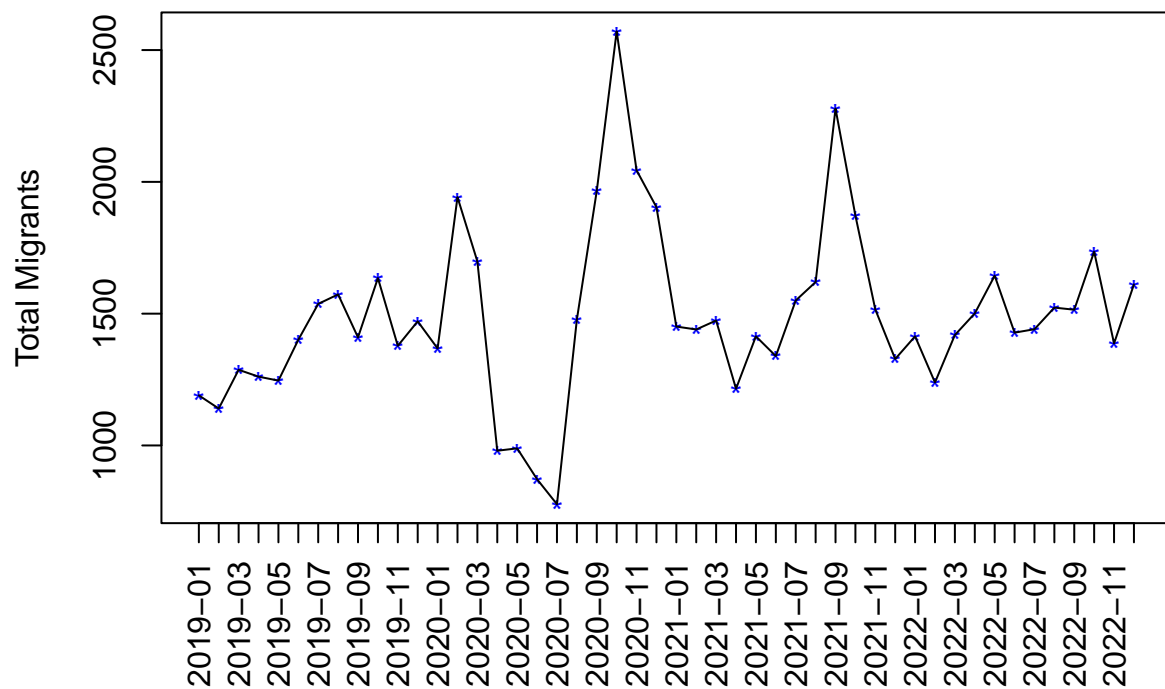# Total Migrants Leaving MM

Total Migrants Leaving MN
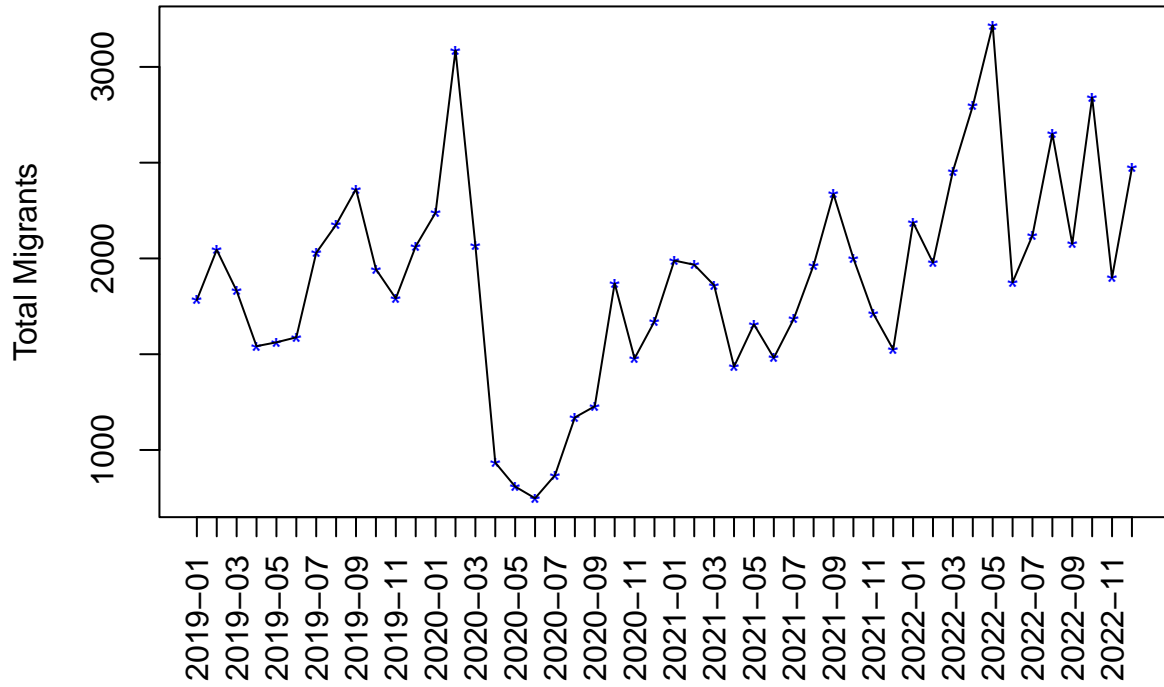
Total Migrants Leaving MO
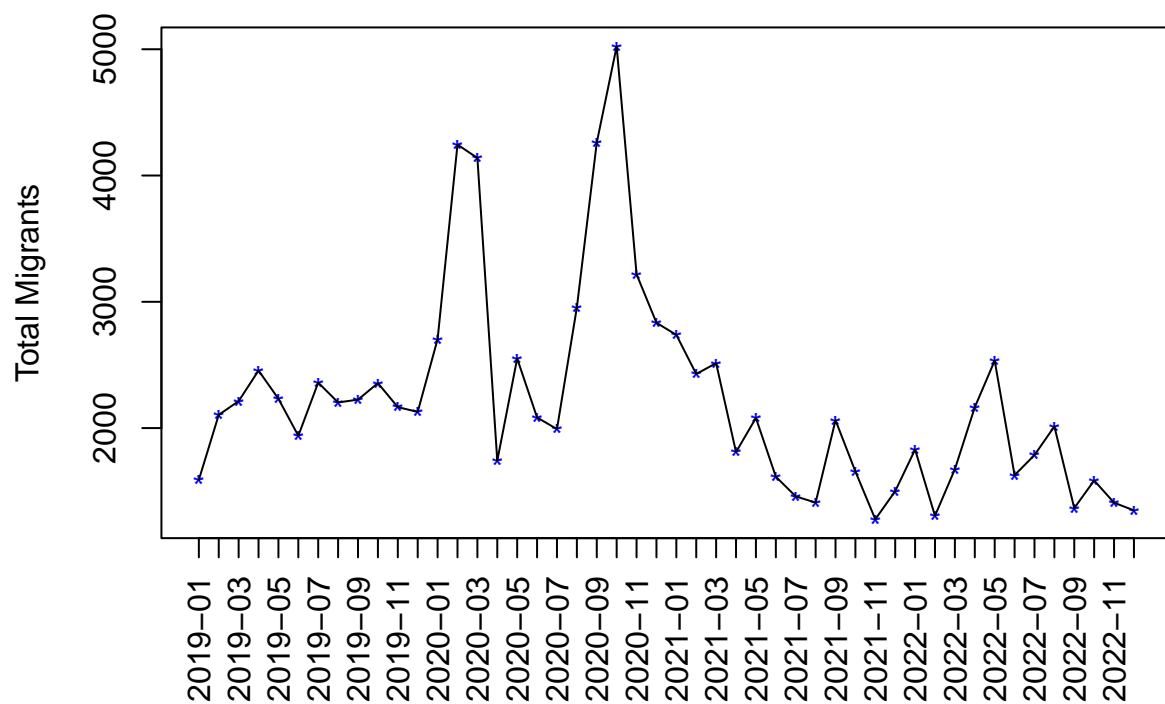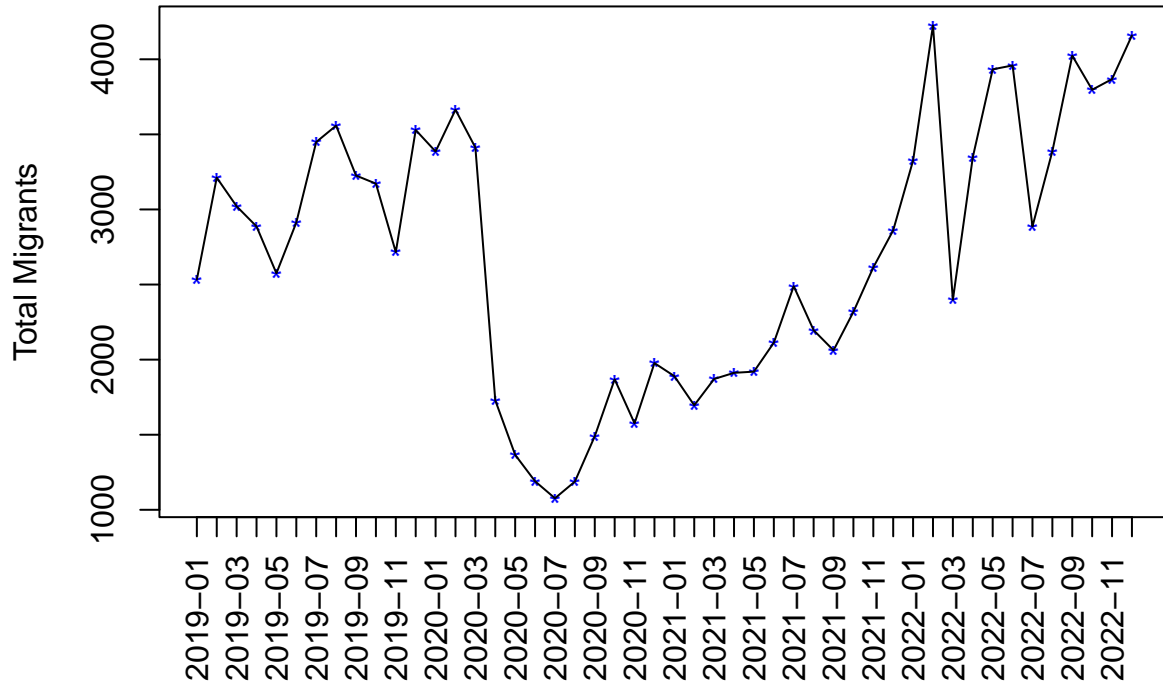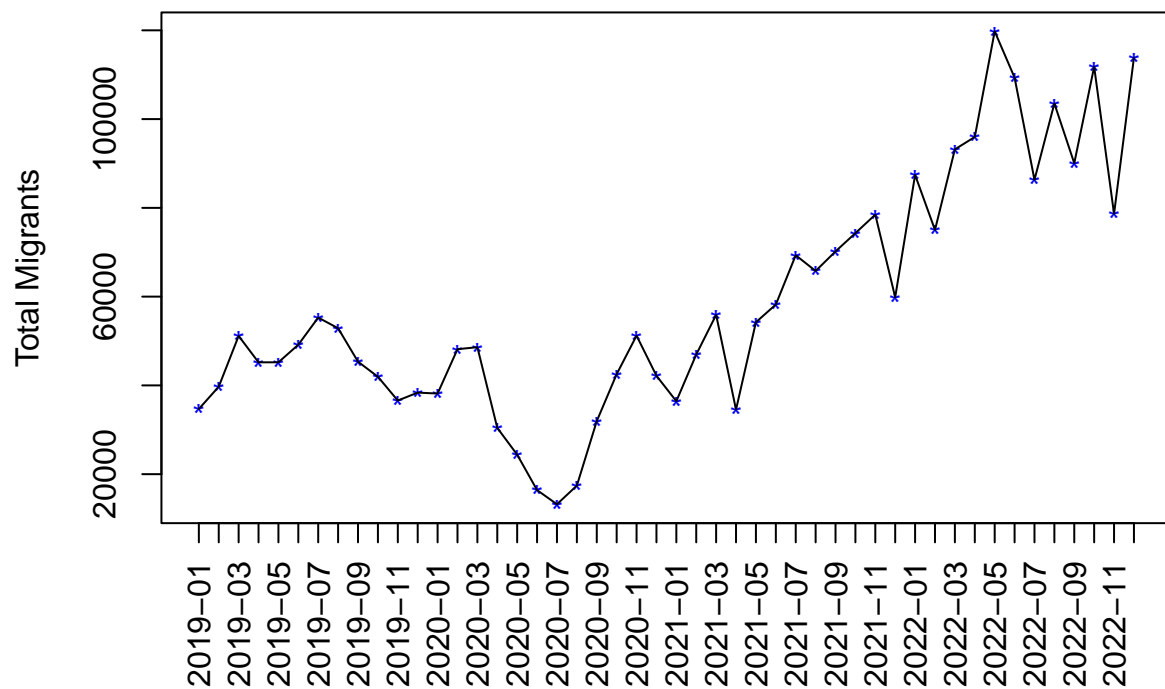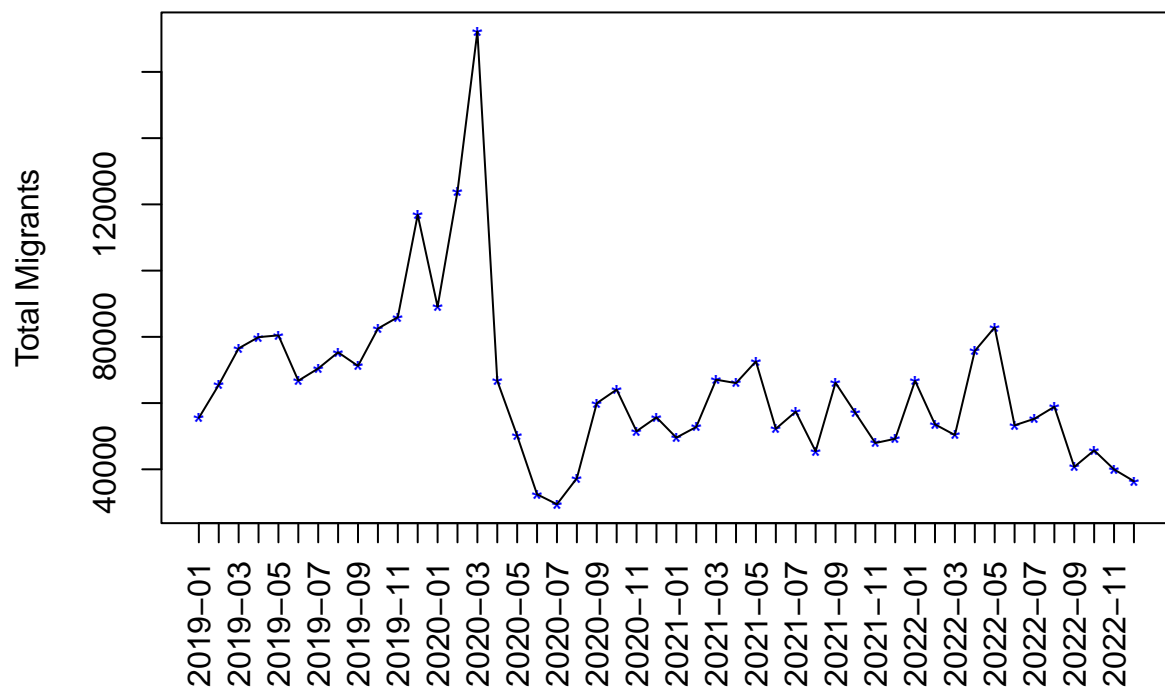
Total Migrants Leaving MR

Total Migrants Leaving MT

Total Migrants Leaving MU

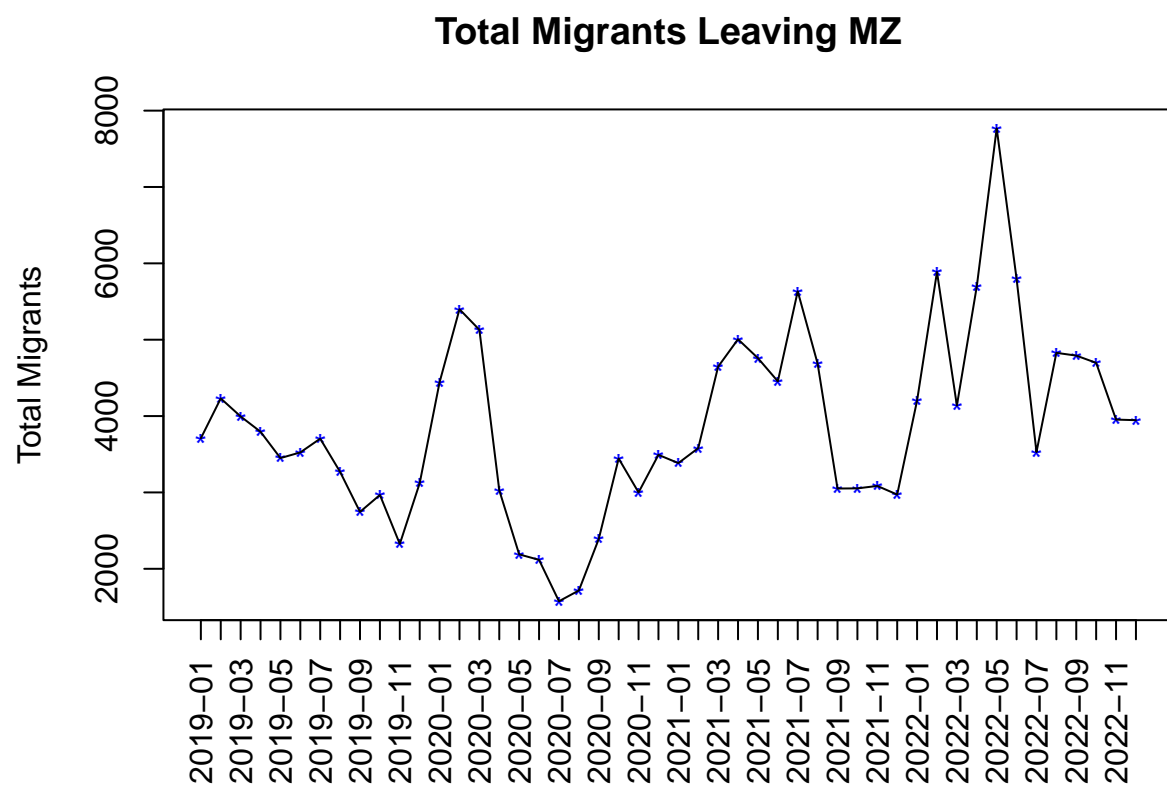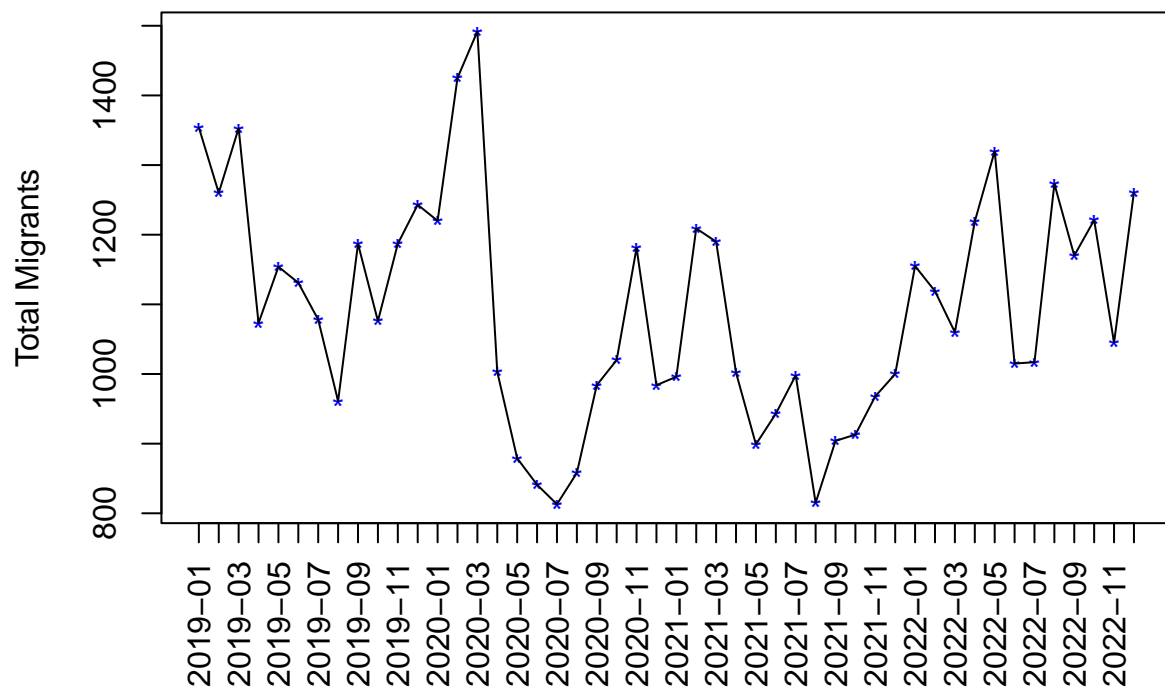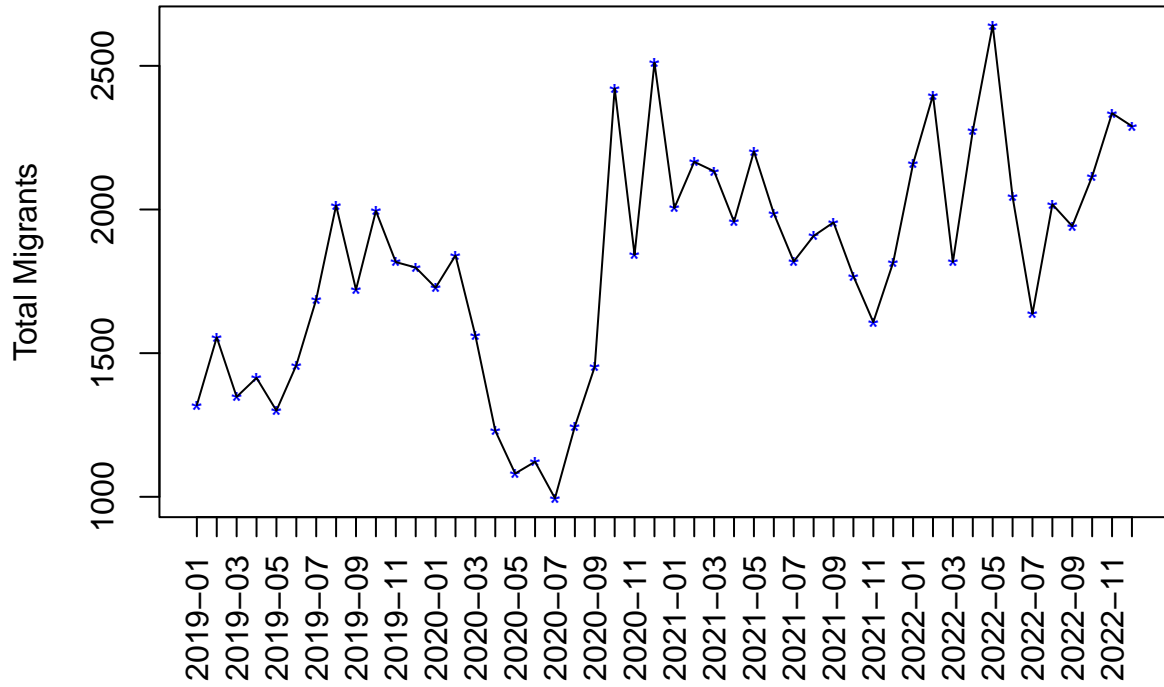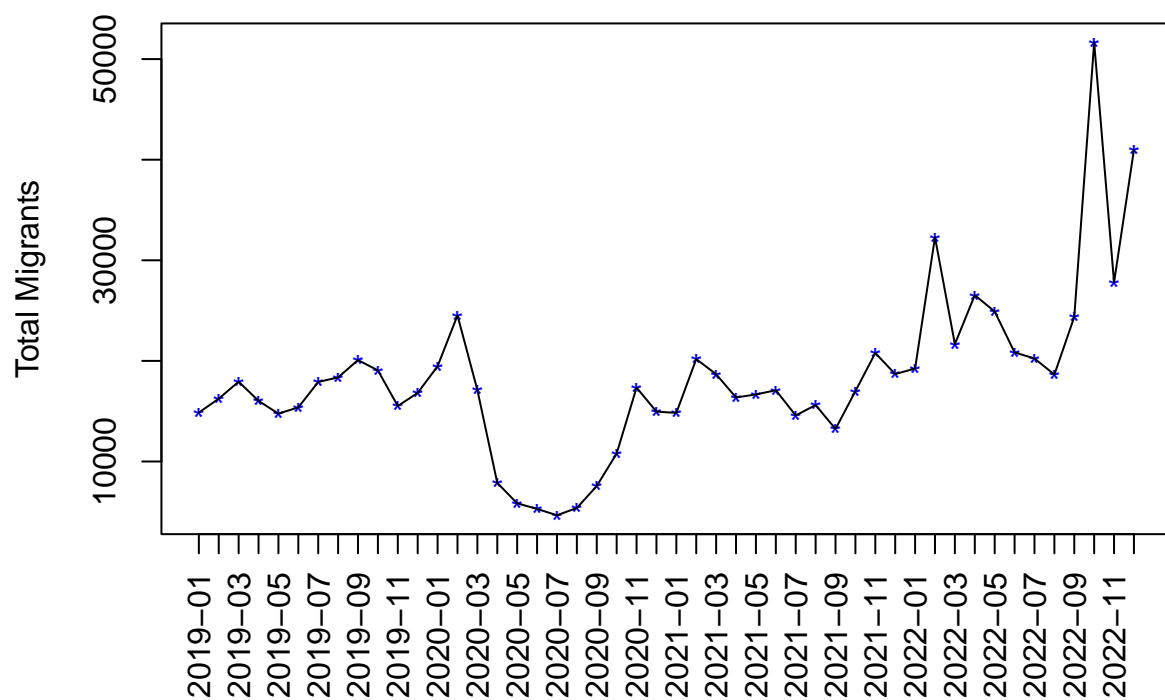# Total Migrants Leaving MV

Total Migrants Leaving MW

Total Migrants Leaving MX

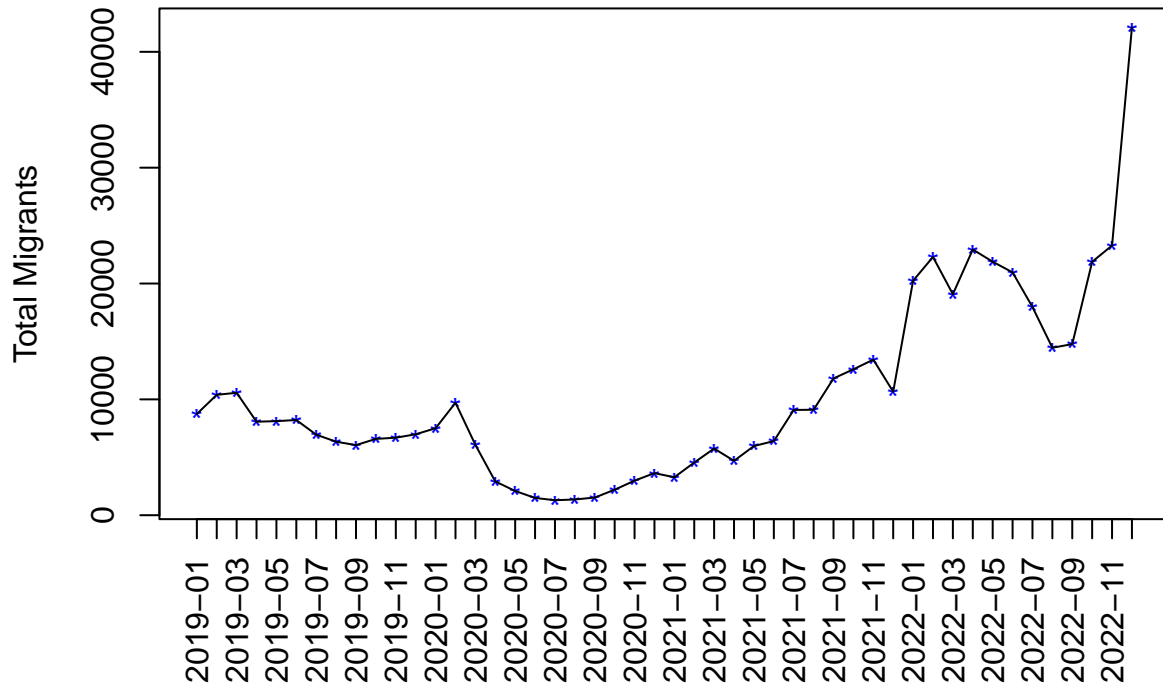# Total Migrants Leaving MY

Total Migrants Leaving MZ

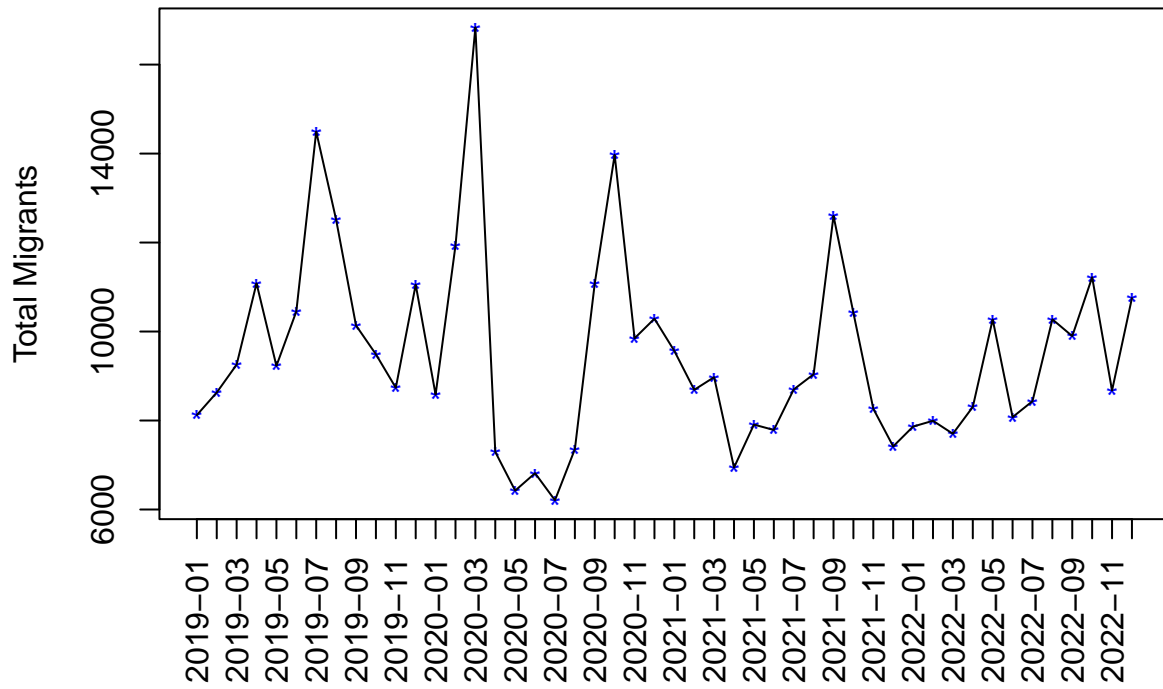# Total Migrants Leaving NB

Total Migrants Leaving NE
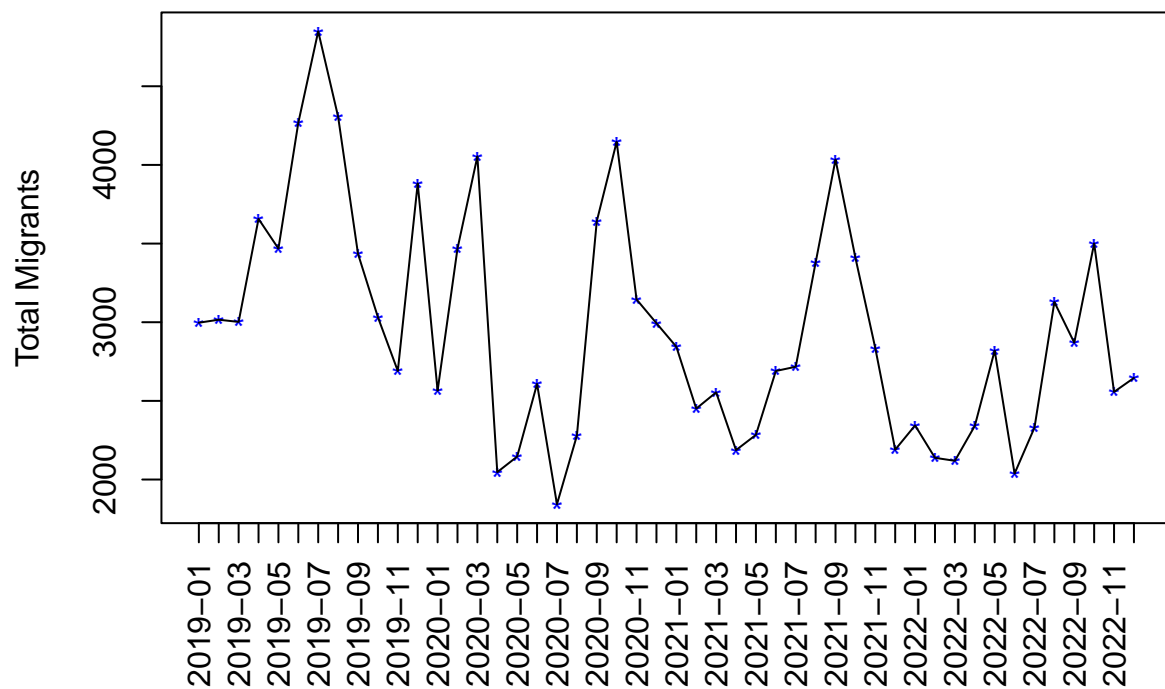
Total Migrants Leaving NG
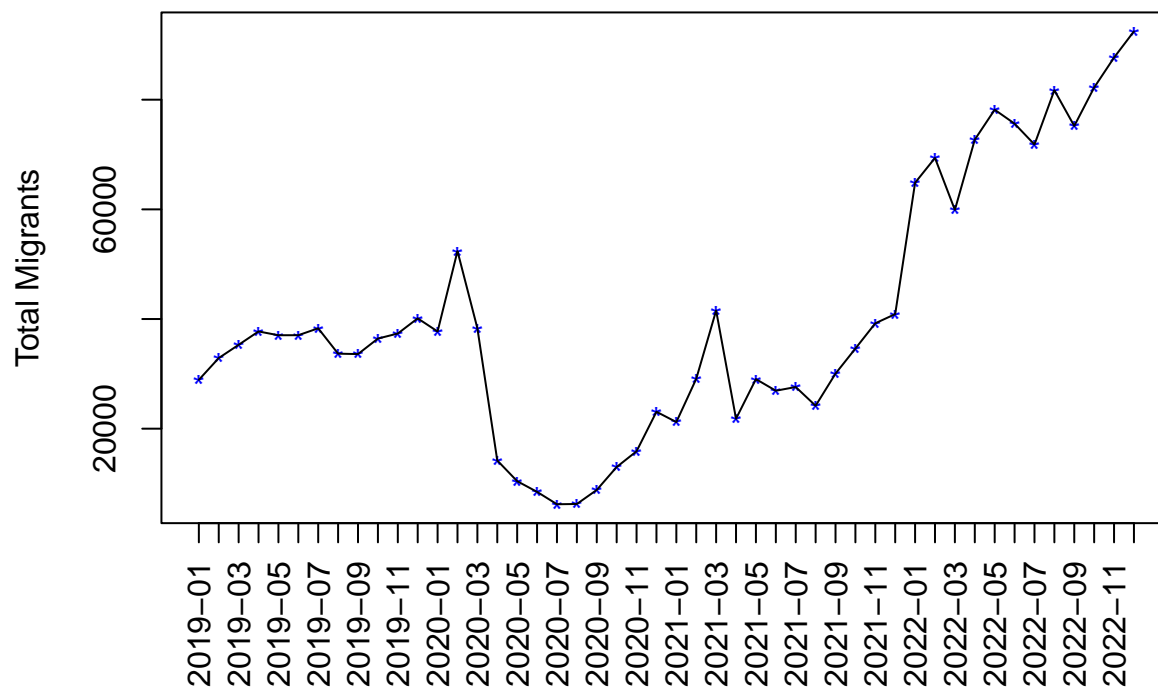
Total Migrants Leaving NI
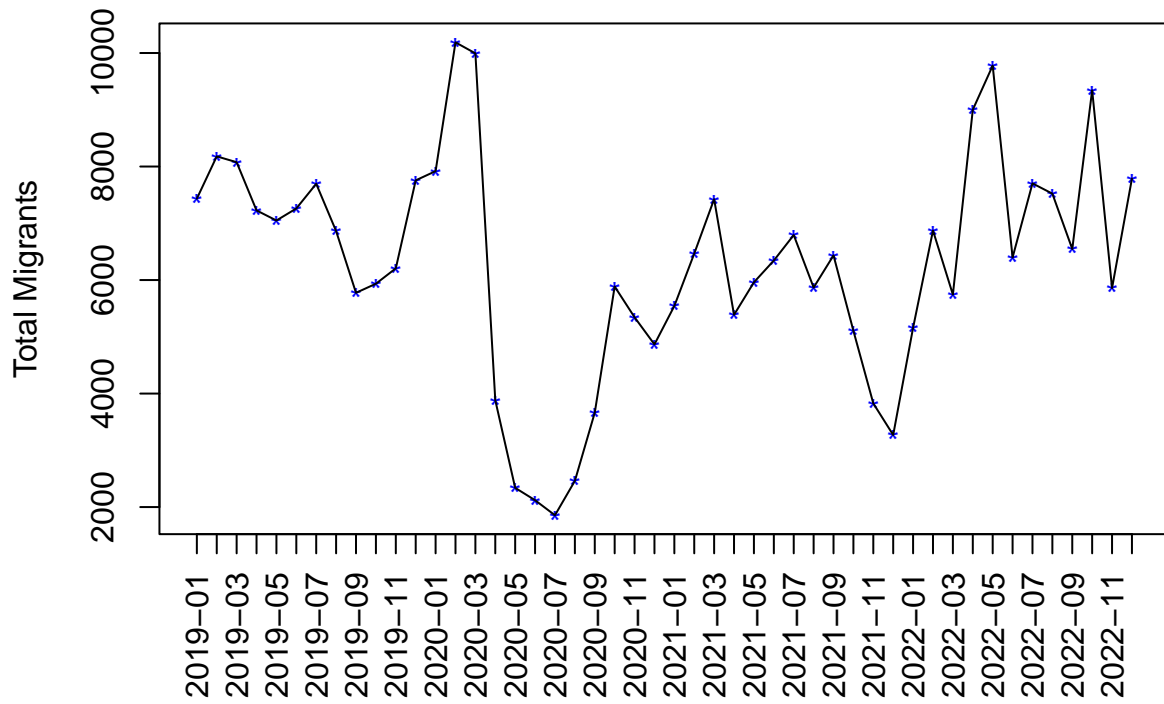
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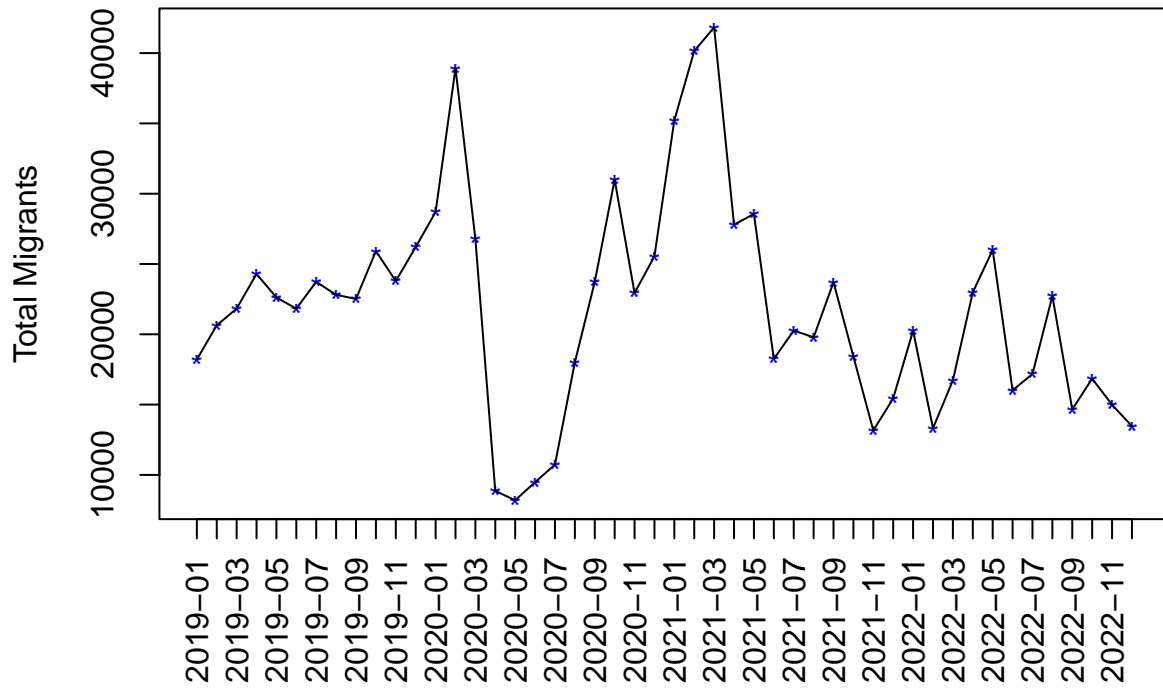
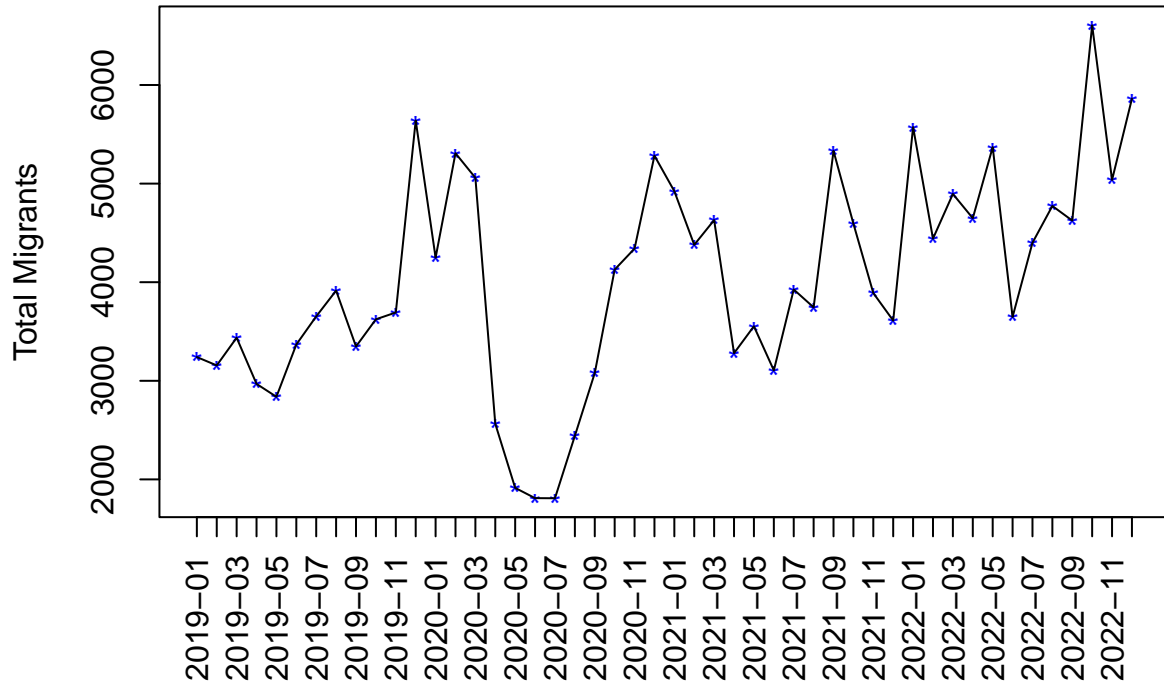# Total Migrants Leaving NO

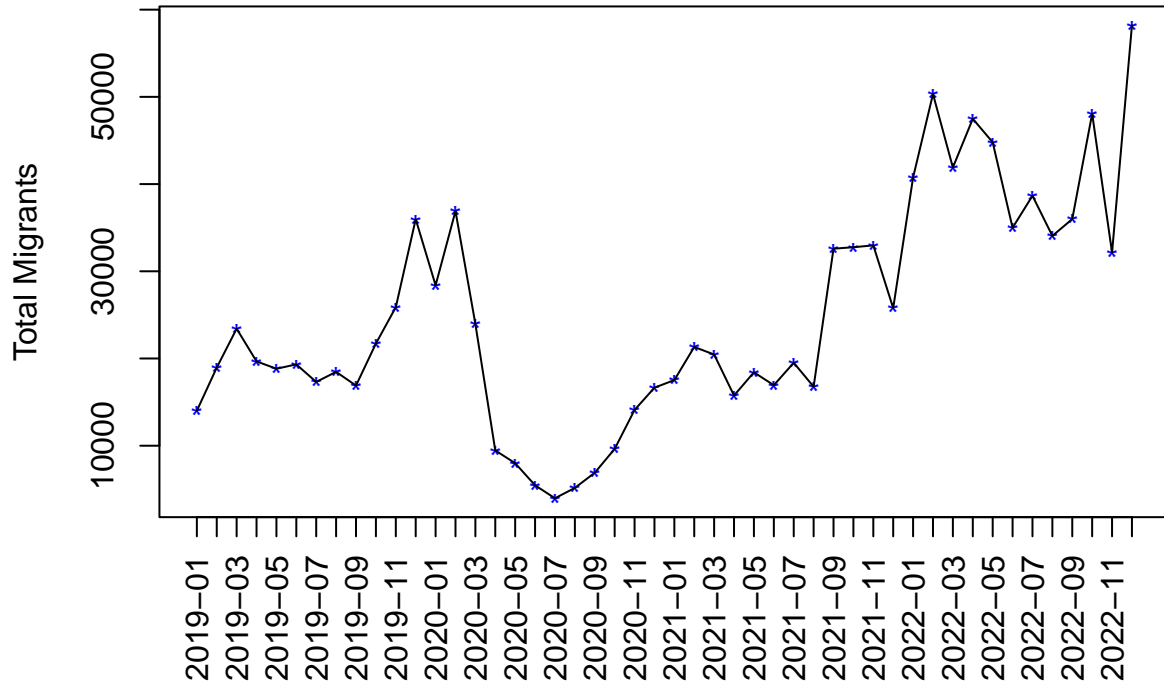# Total Migrants Leaving NP

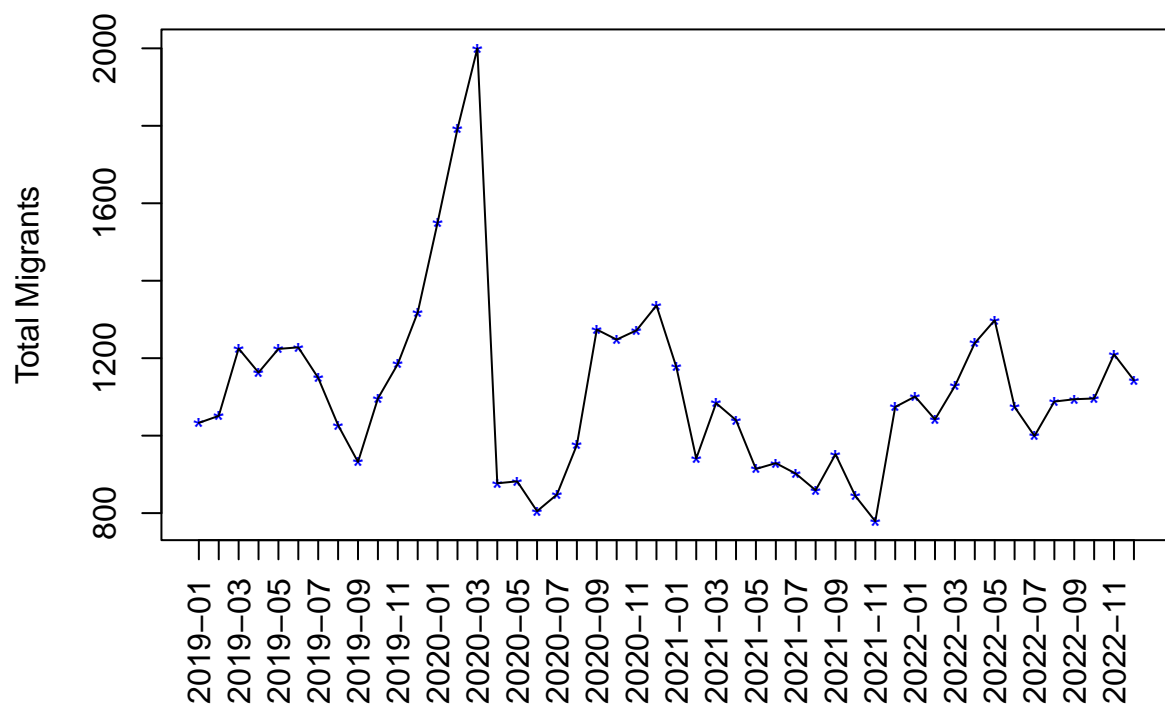# Total Migrants Leaving NZ

Total Migrants Leaving OM
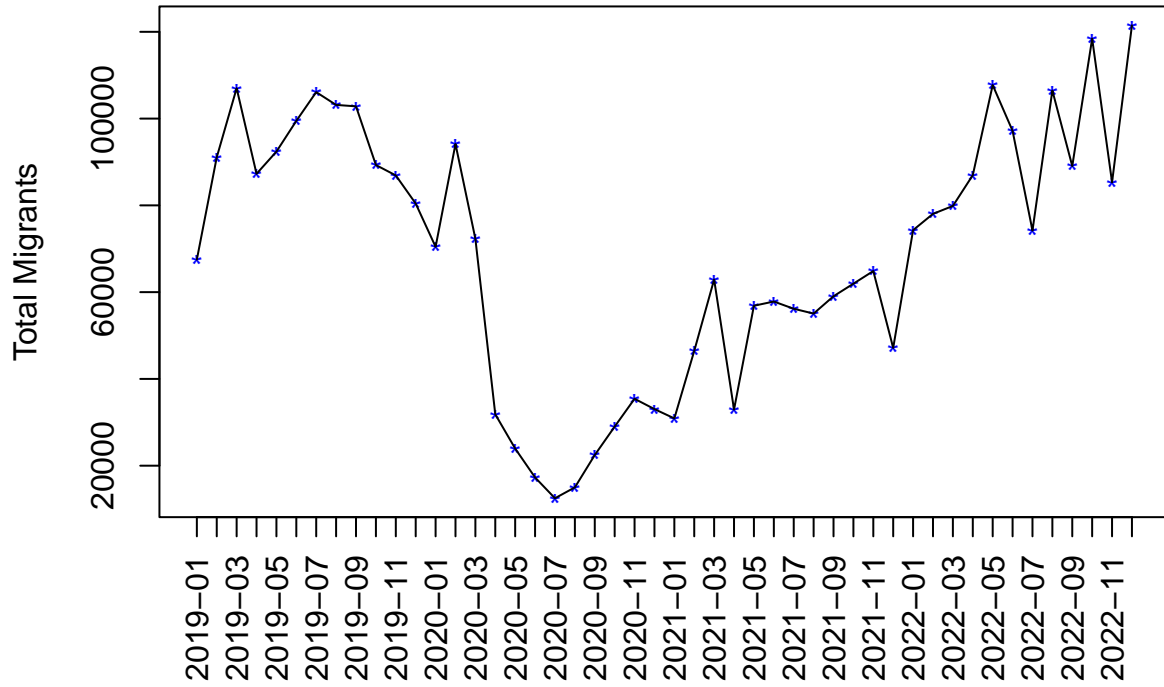
Total Migrants Leaving PA
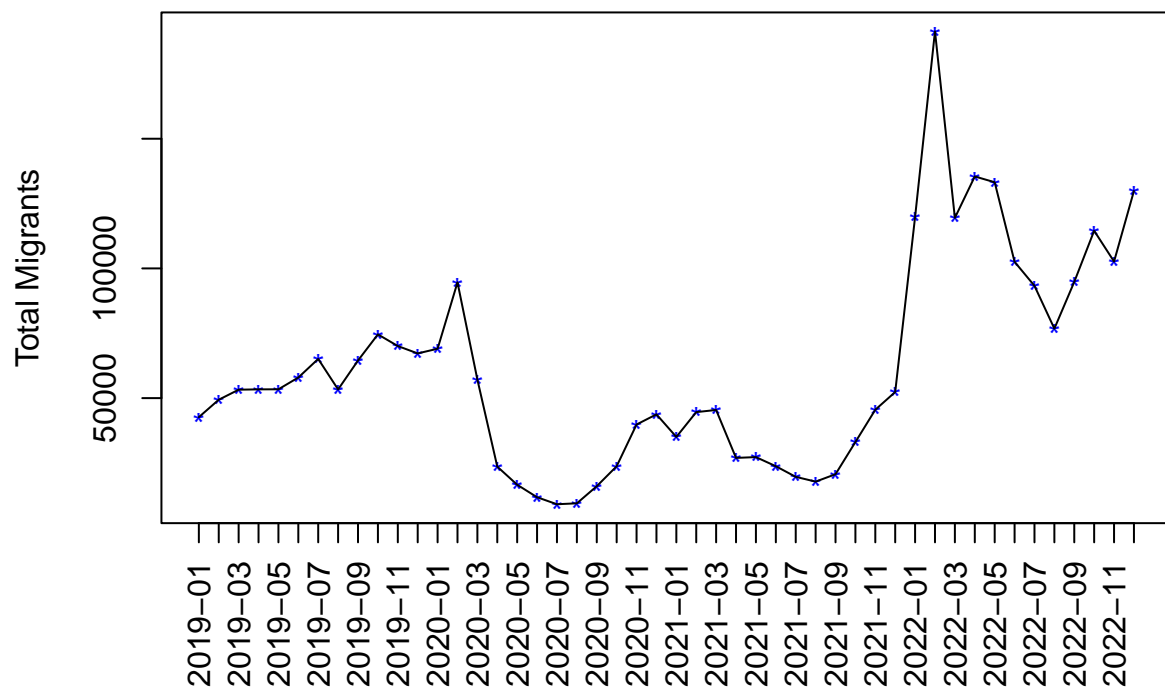
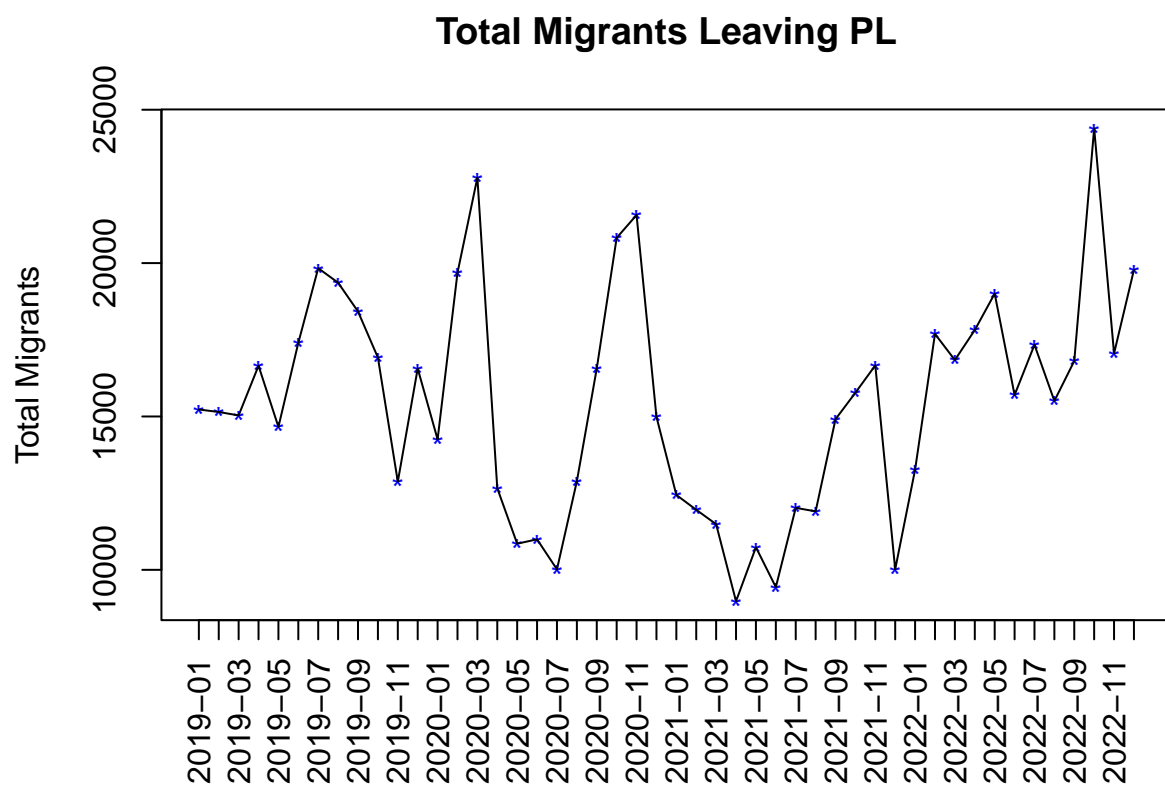# Total Migrants Leaving PE

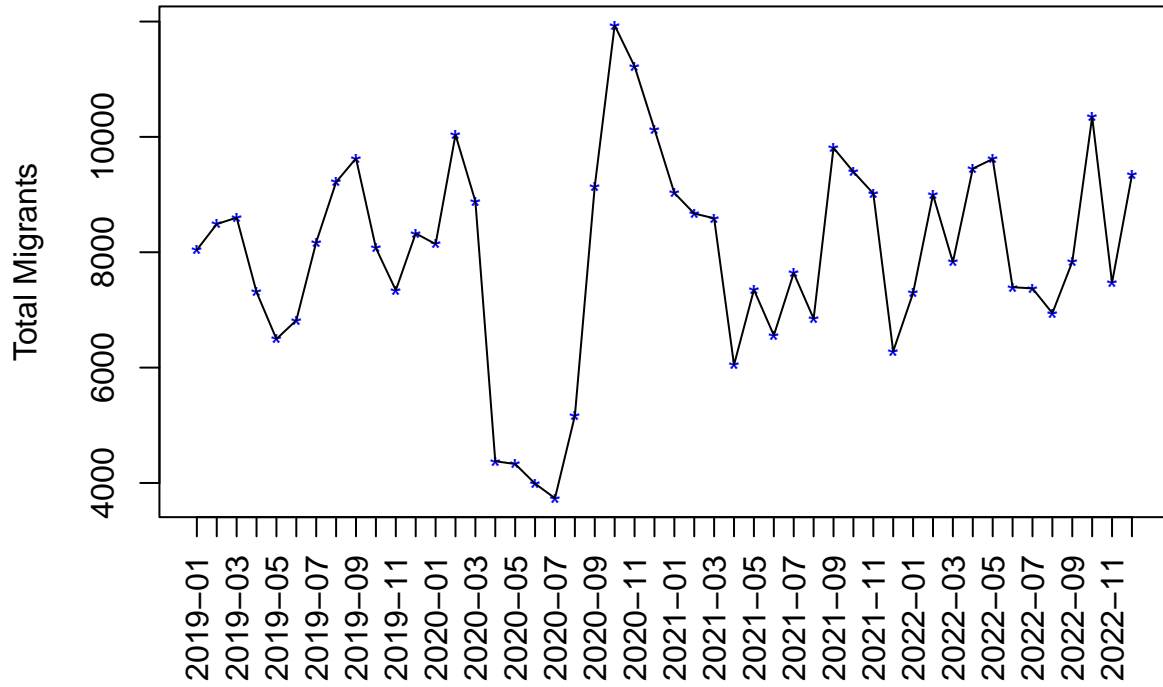# Total Migrants Leaving PG

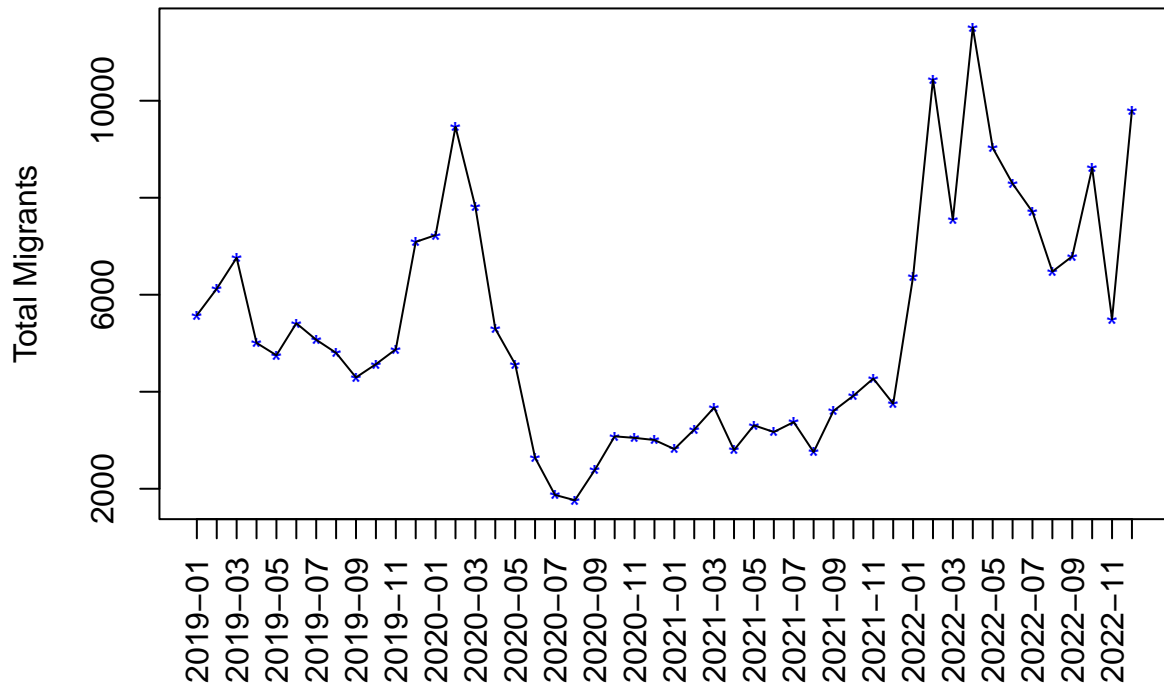# Total Migrants Leaving PH

Total Migrants Leaving PK
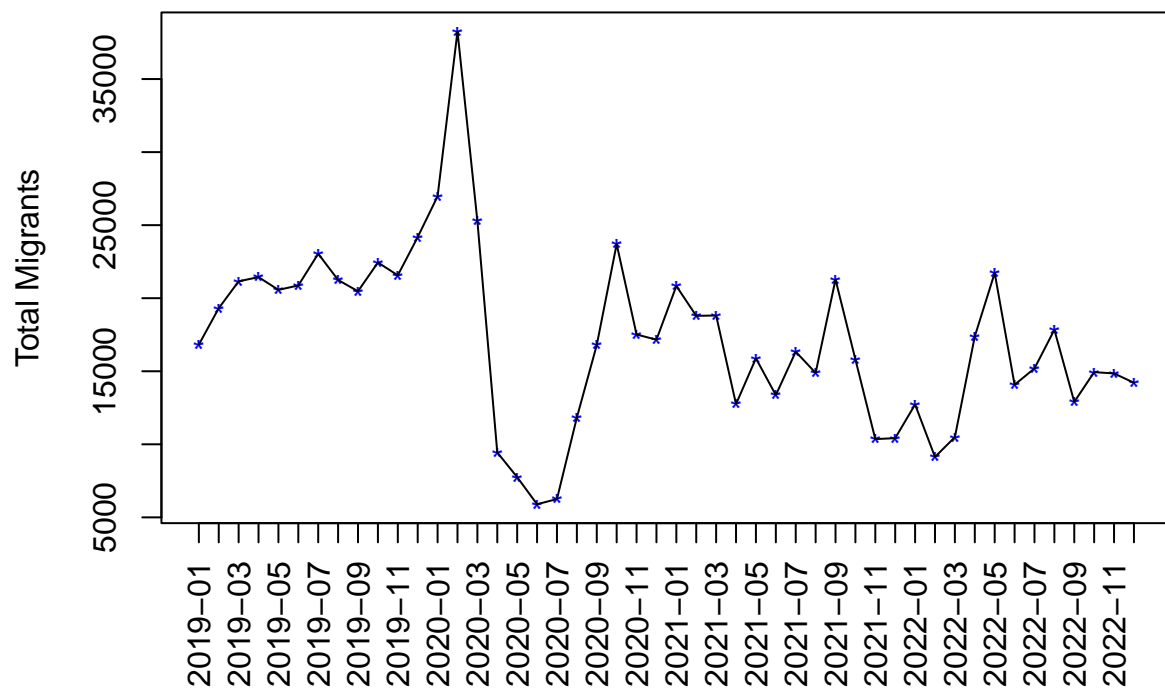
Total Migrants Leaving PL
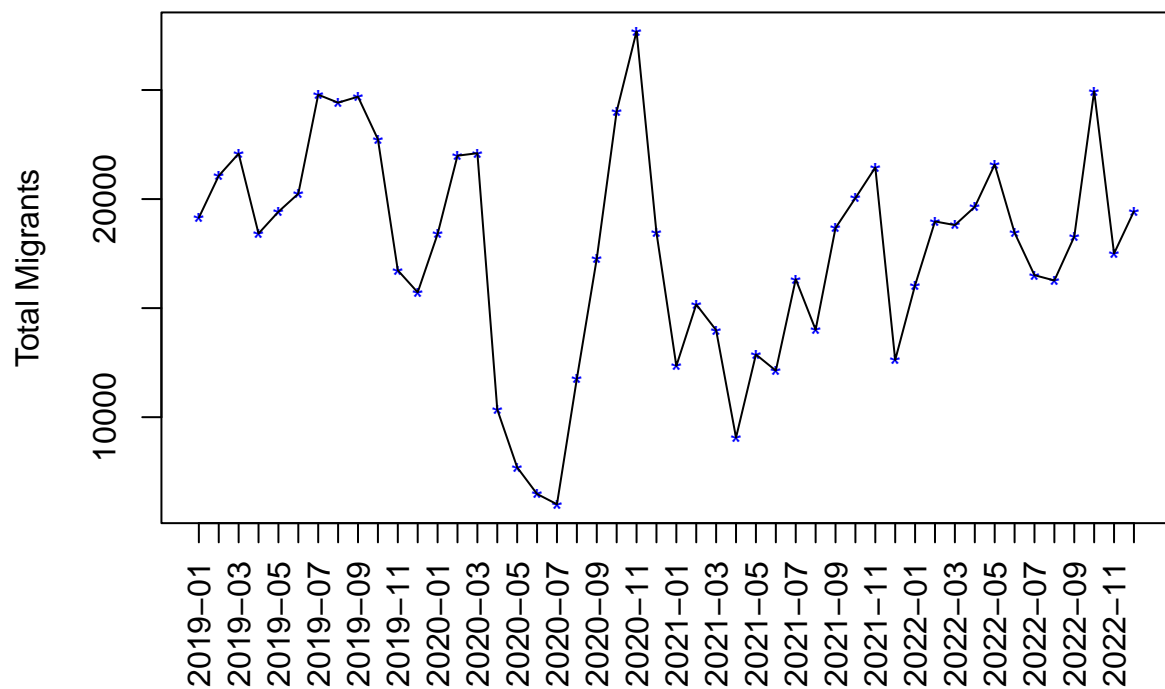
Total Migrants Leaving PT
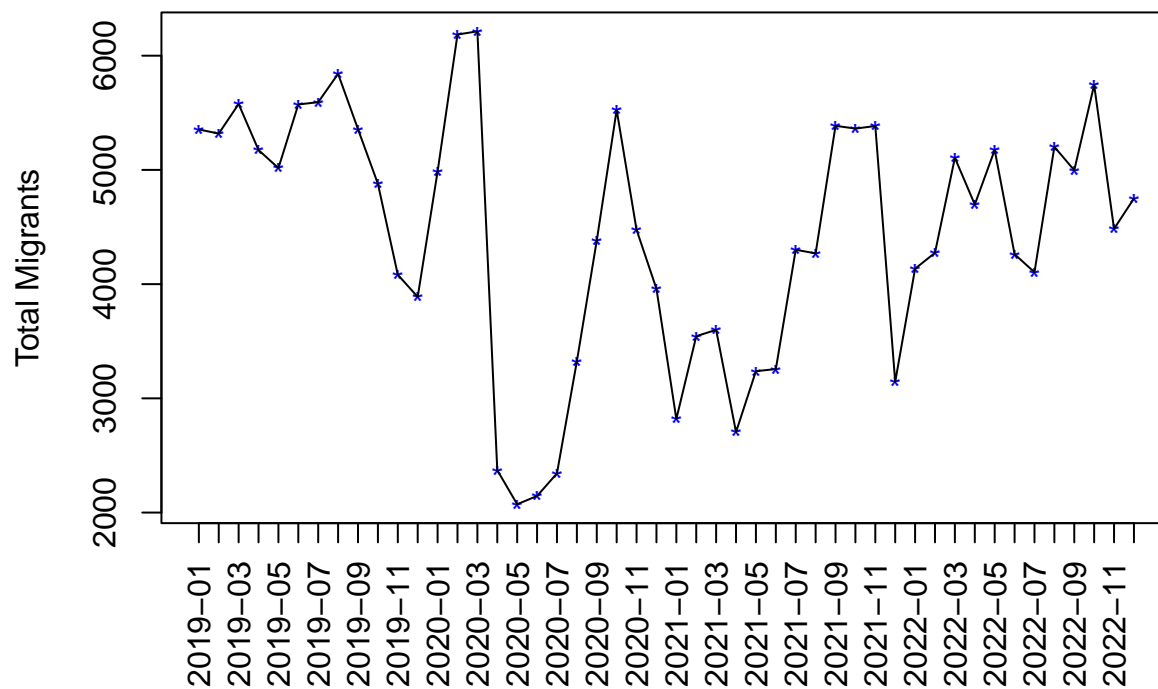
Total Migrants Leaving PY
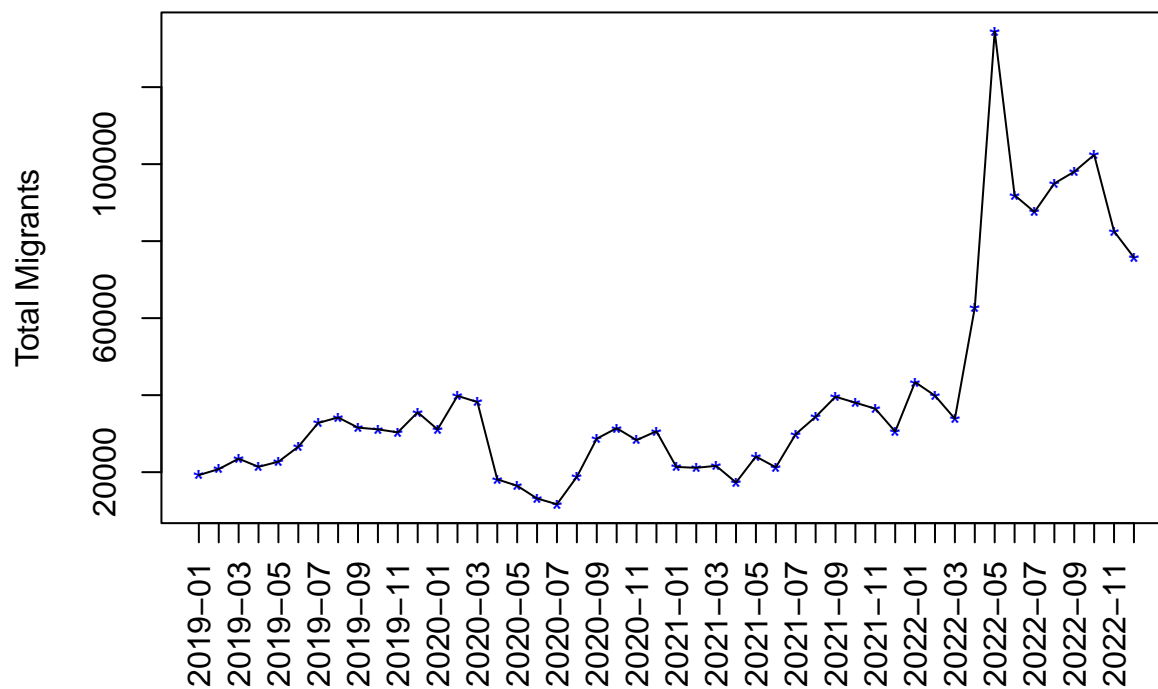
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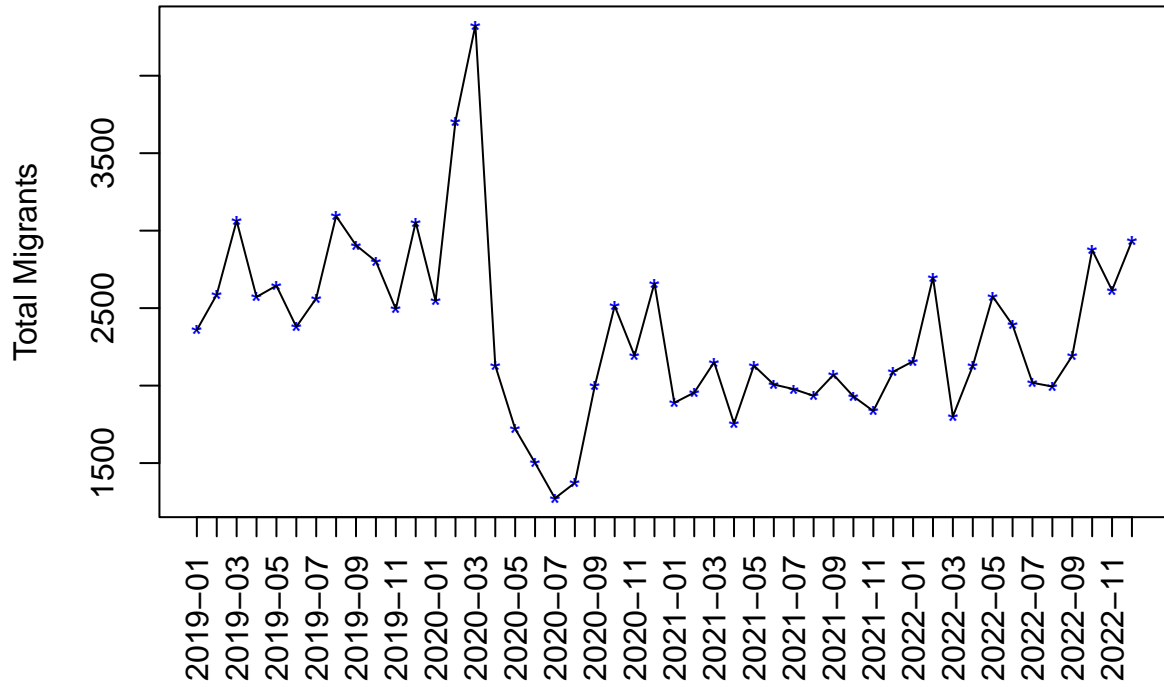
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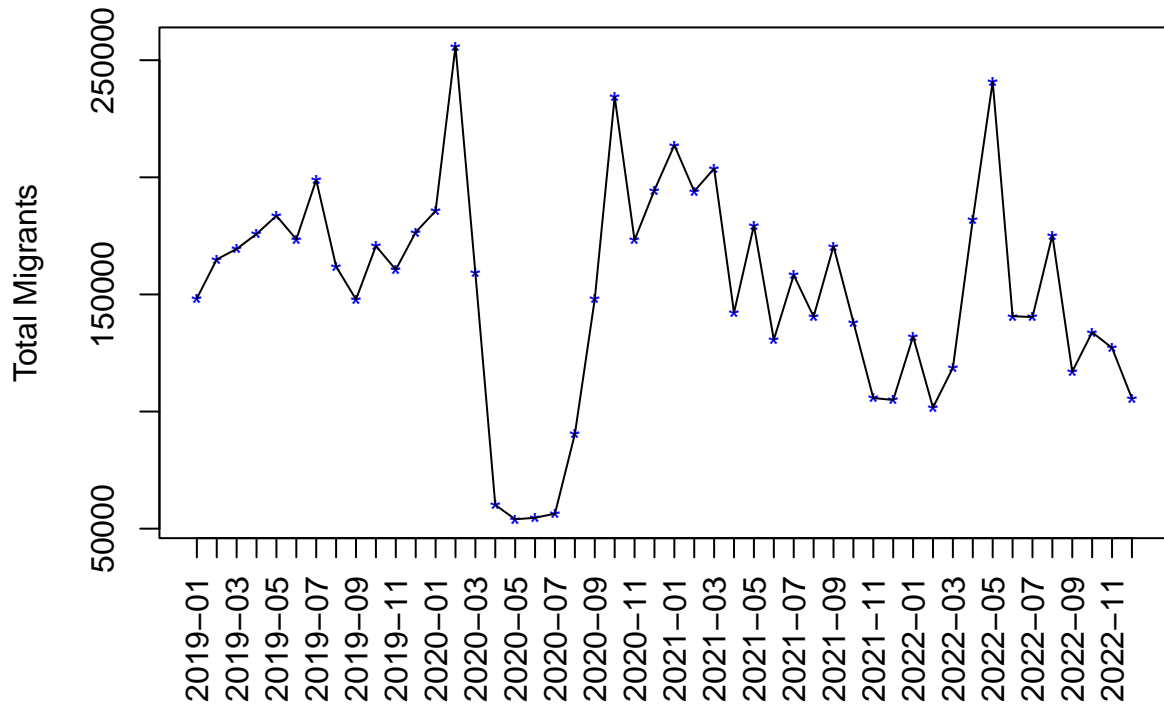
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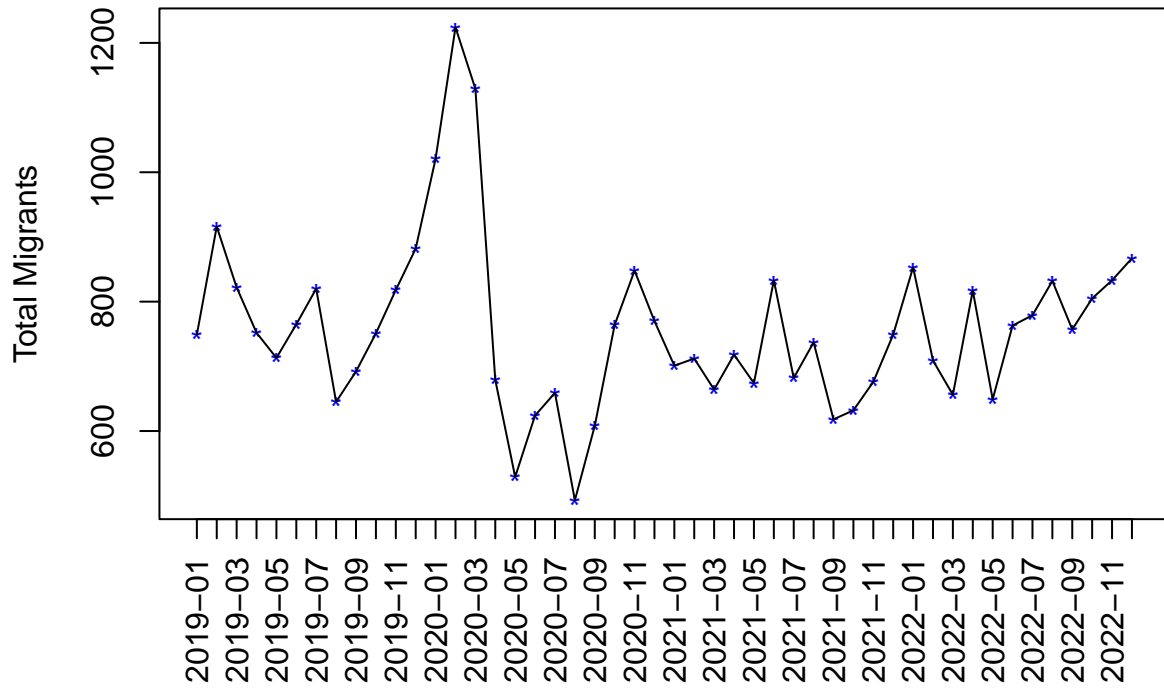
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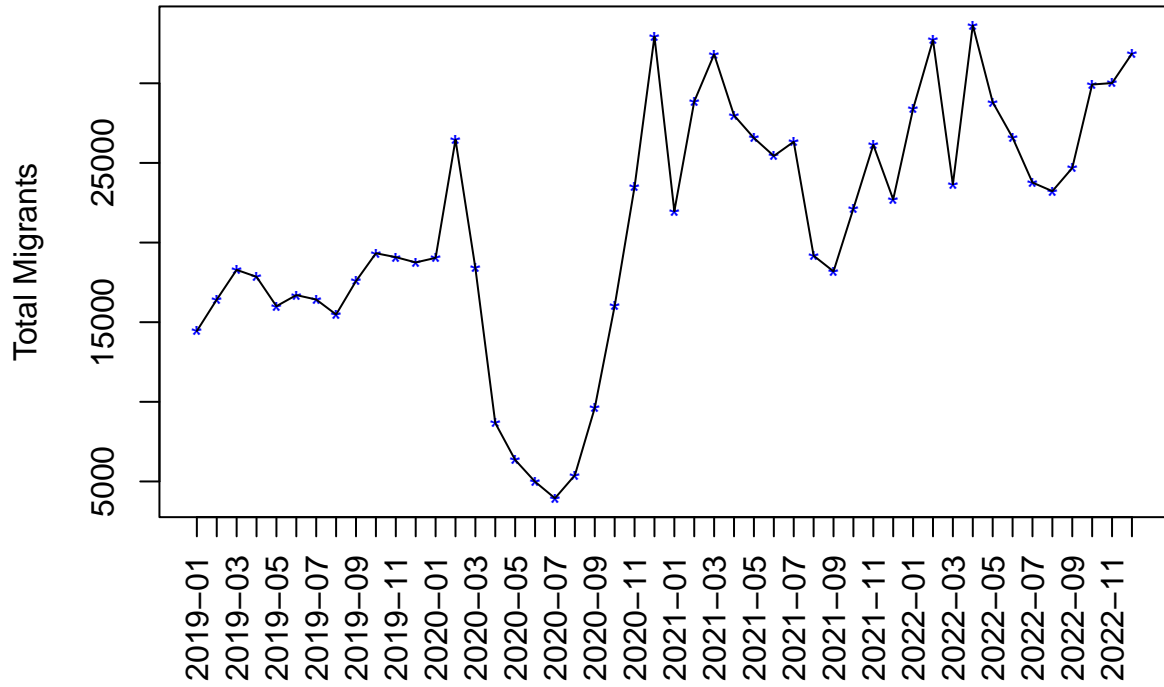
Total Migrants Leaving RW
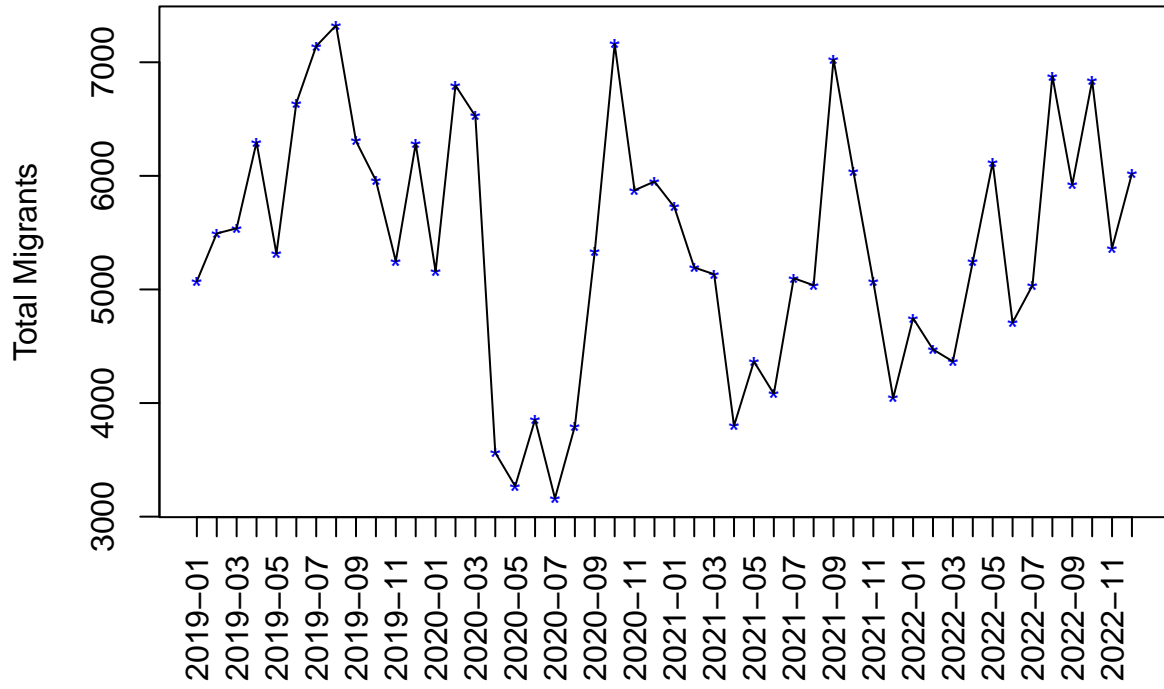
Total Migrants Leaving SA
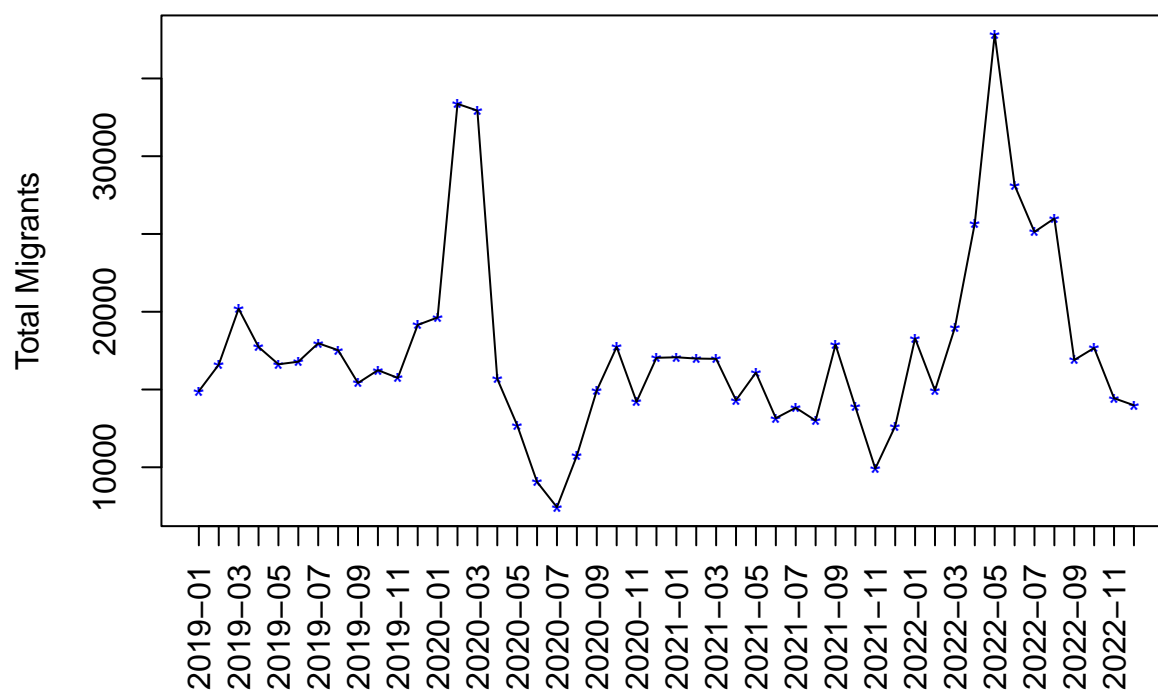
Total Migrants Leaving SB
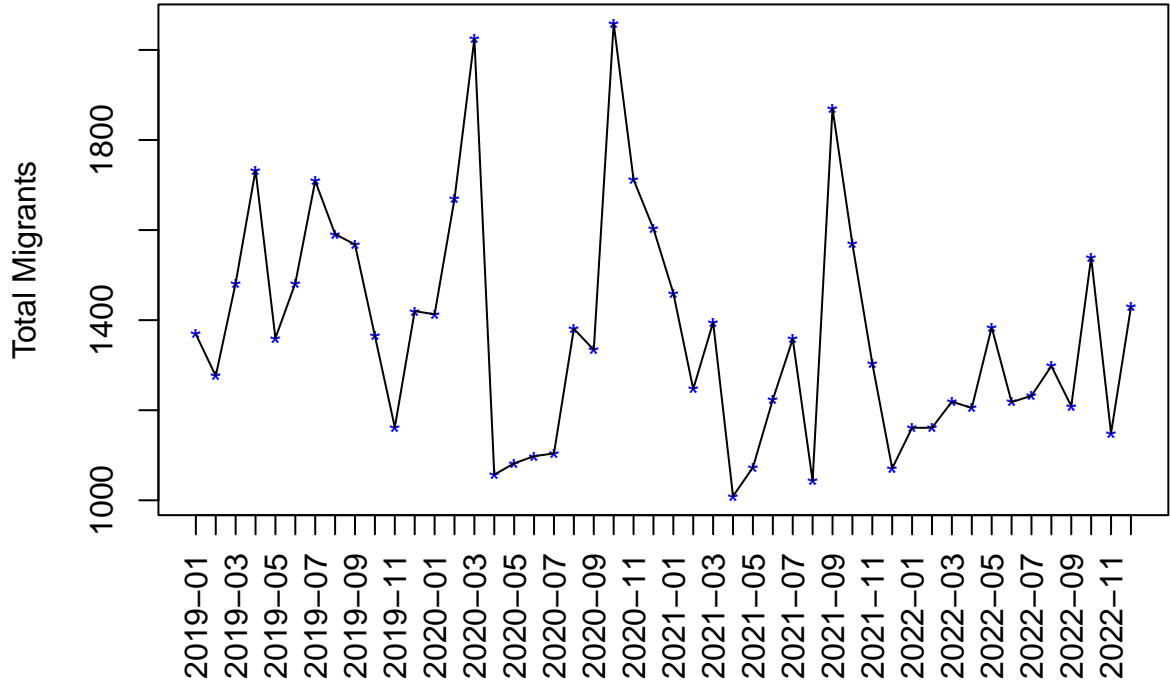
Total Migrants Leaving SD
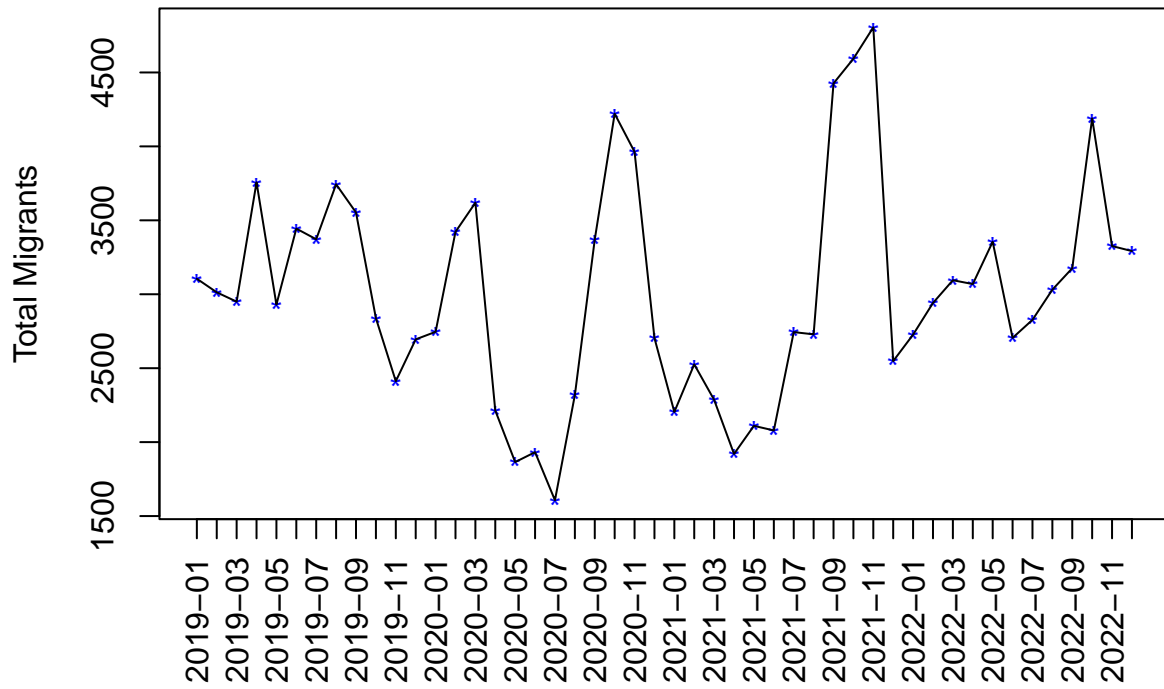
Total Migrants Leaving SE
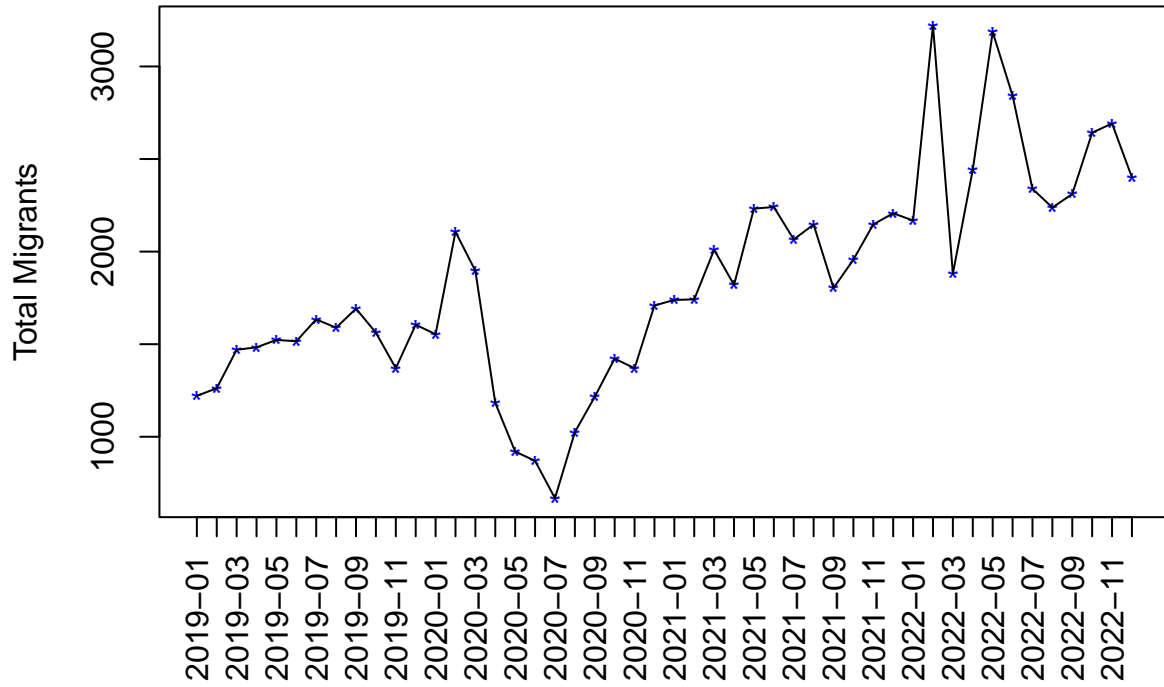
Total Migrants Leaving SG
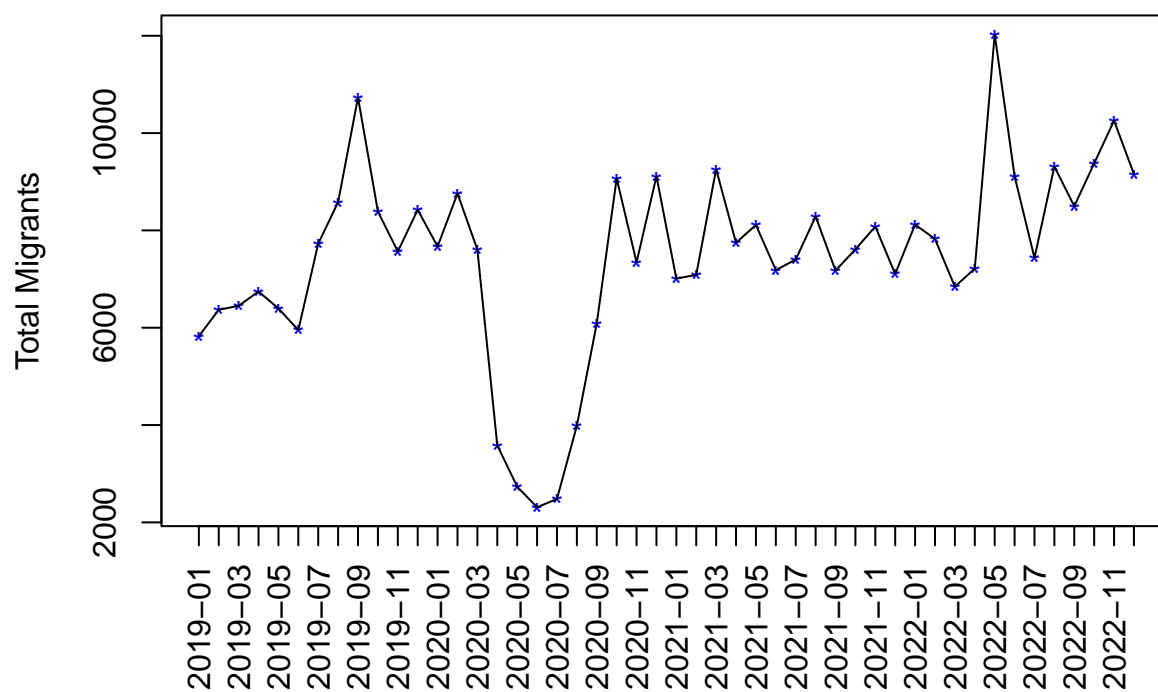
Total Migrants Leaving SI
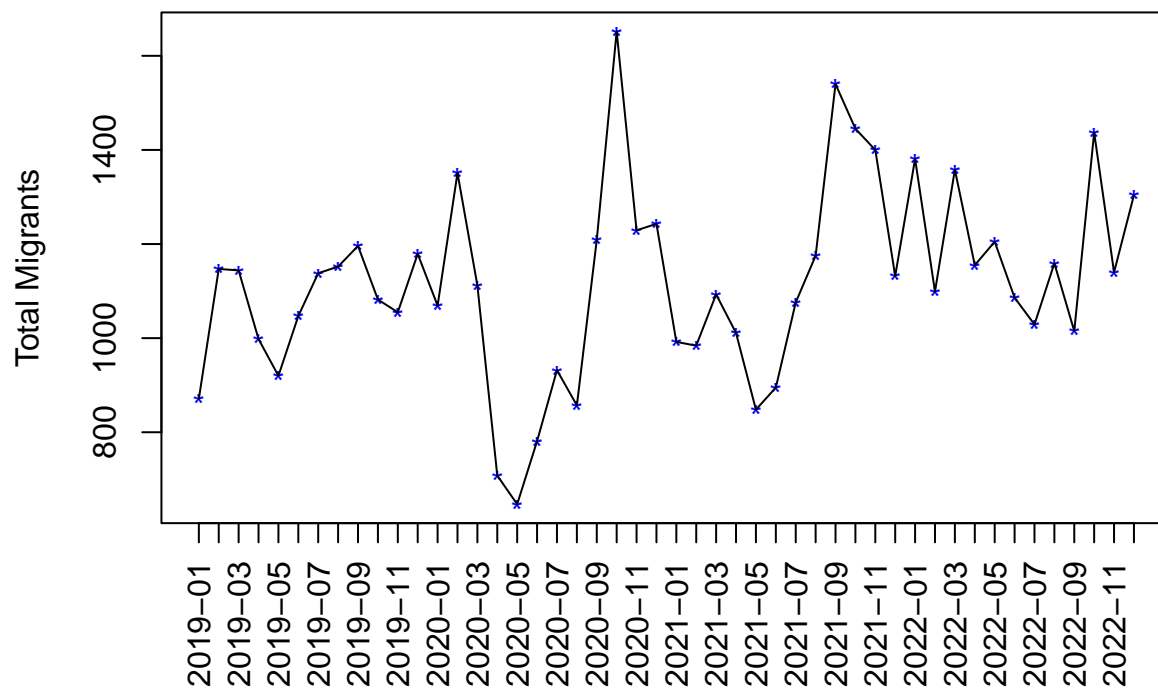
Total Migrants Leaving SK
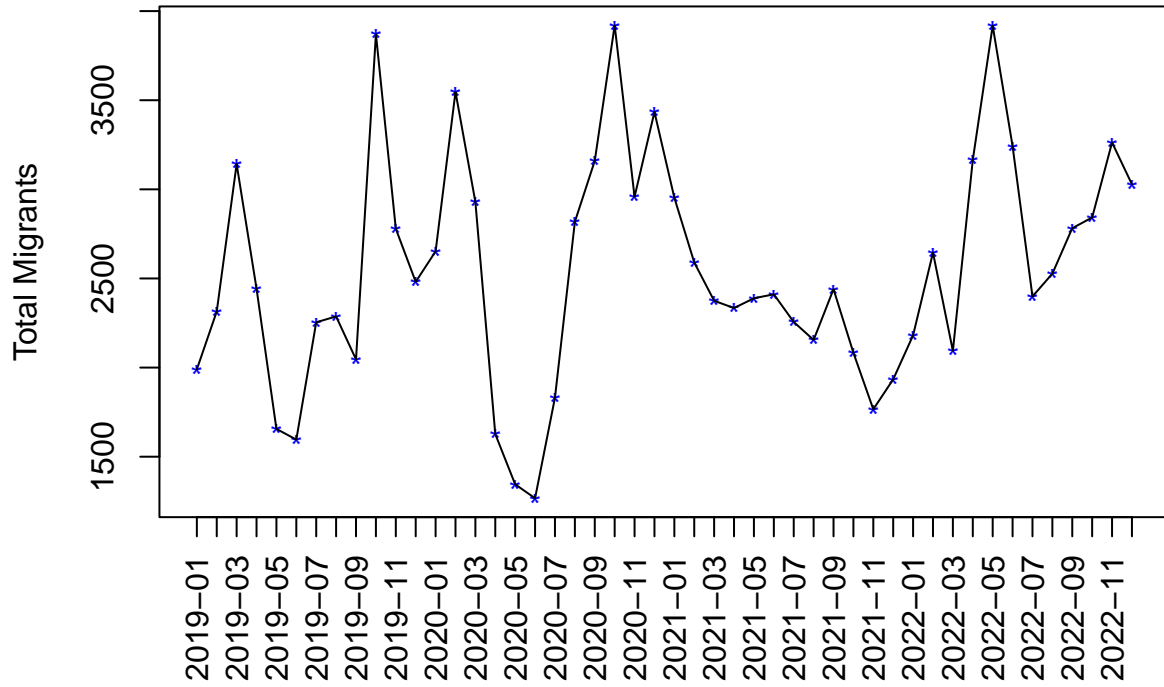
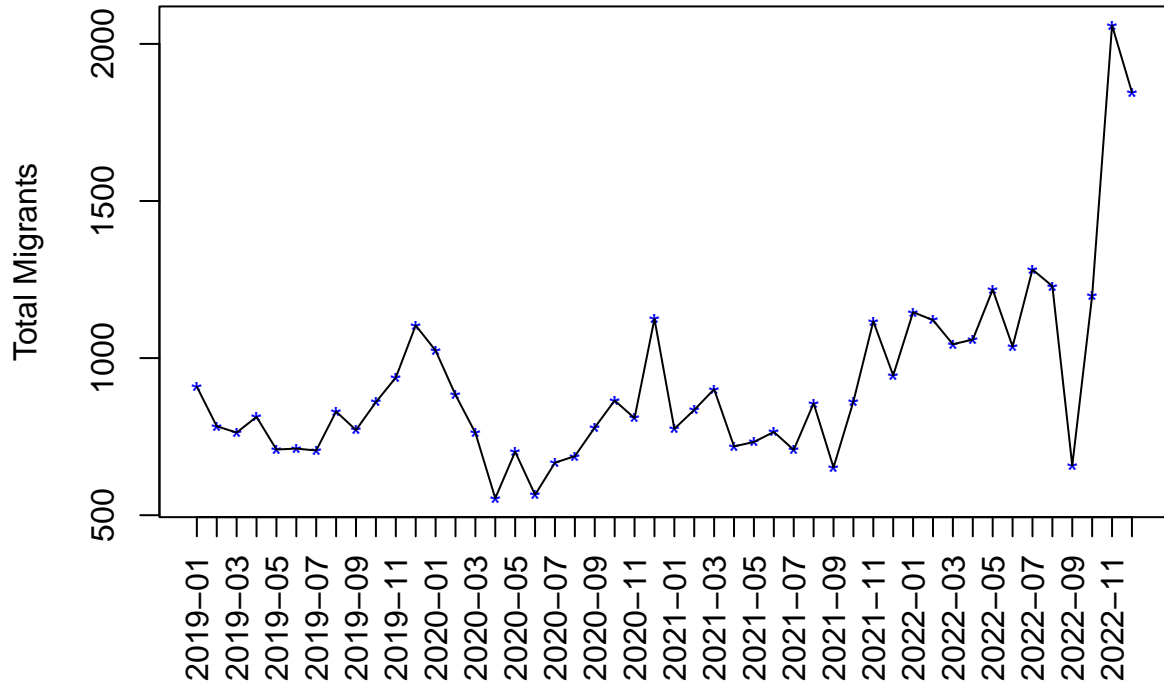# Total Migrants Leaving SL

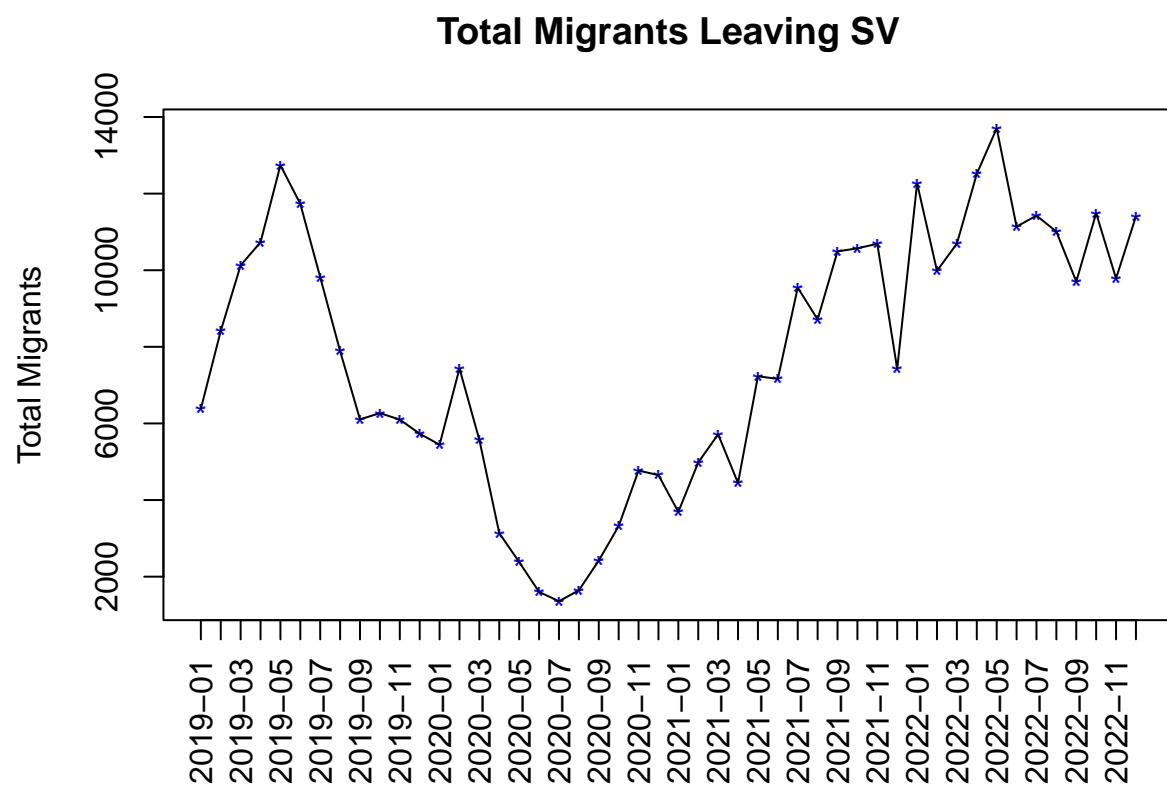# Total Migrants Leaving SN

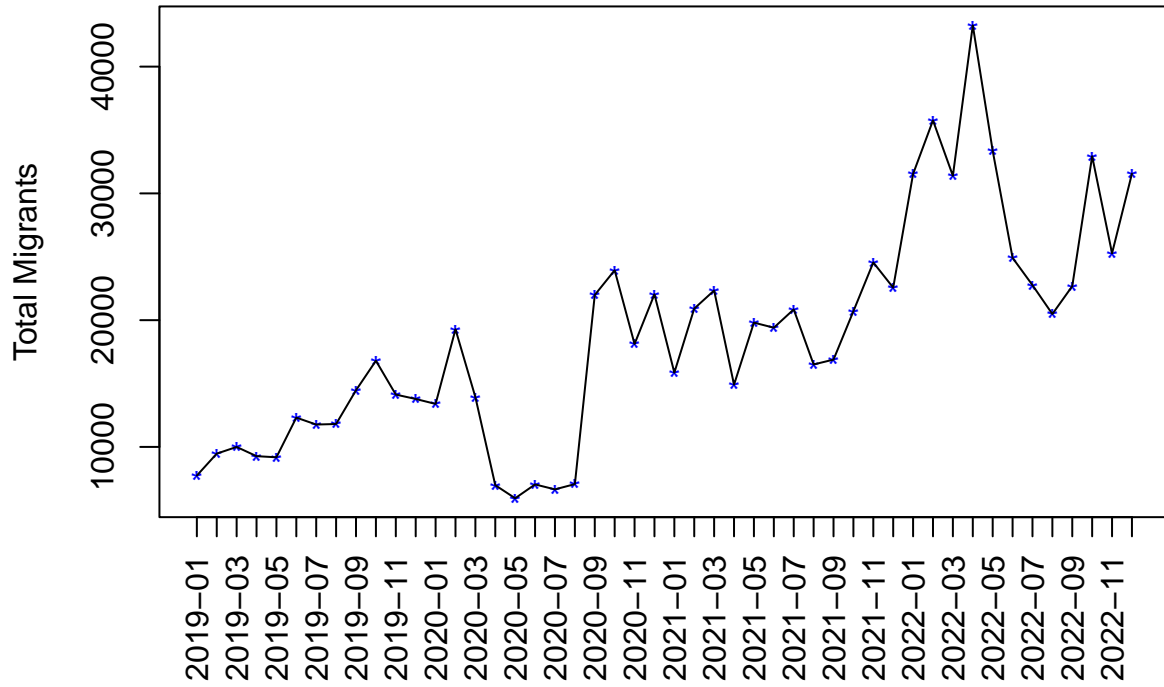# Total Migrants Leaving SR

Total Migrants Leaving SS

Total Migrants Leaving ST

Total Migrants Leaving SV
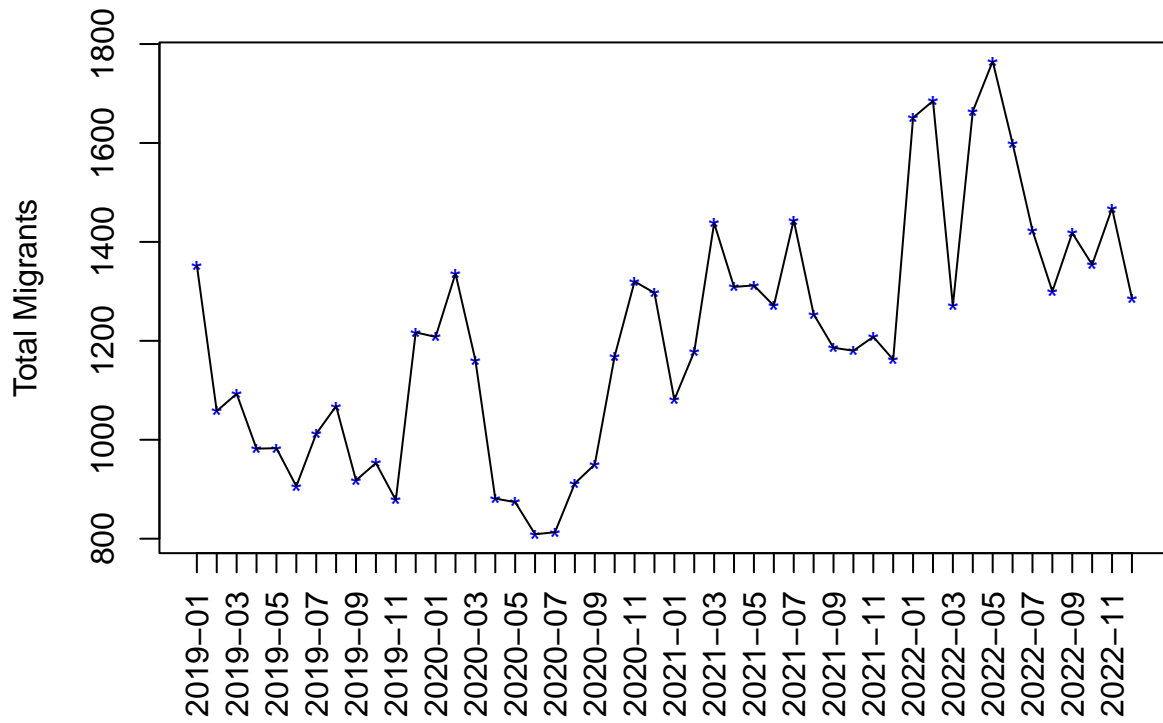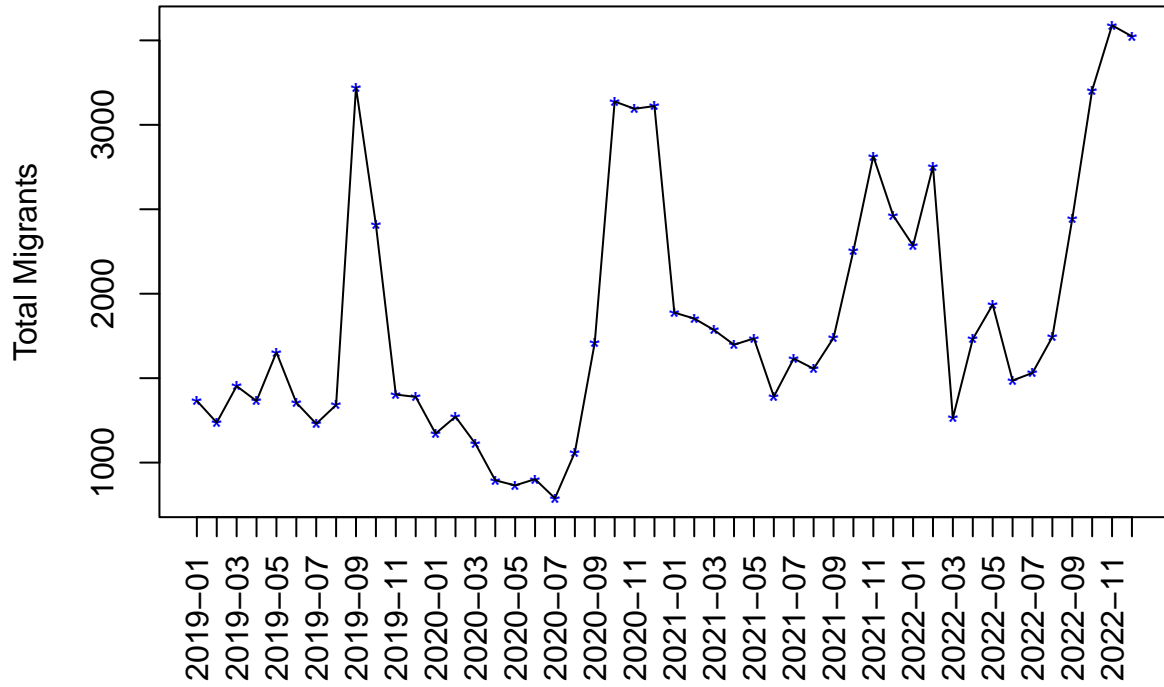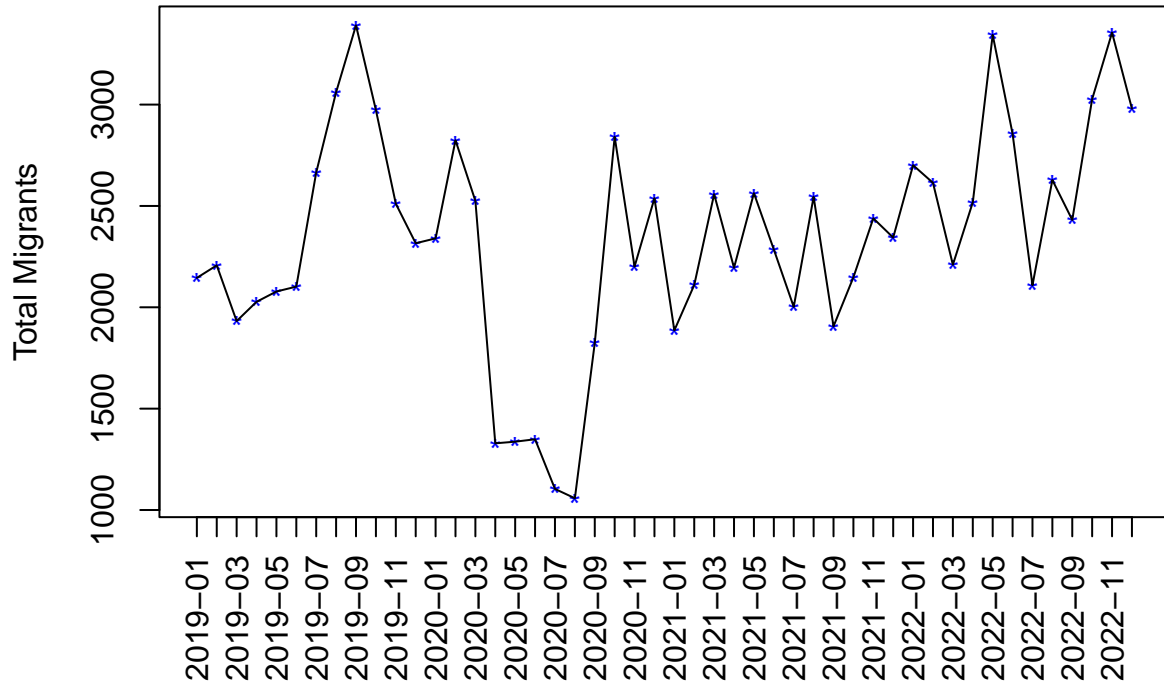
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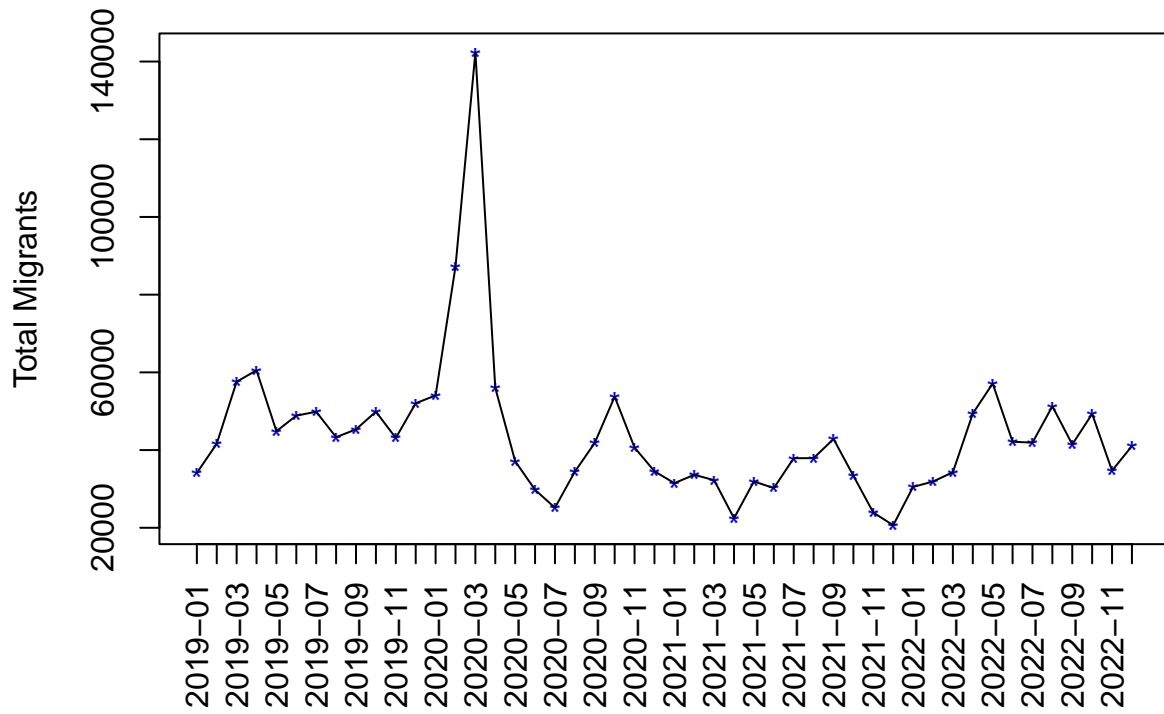
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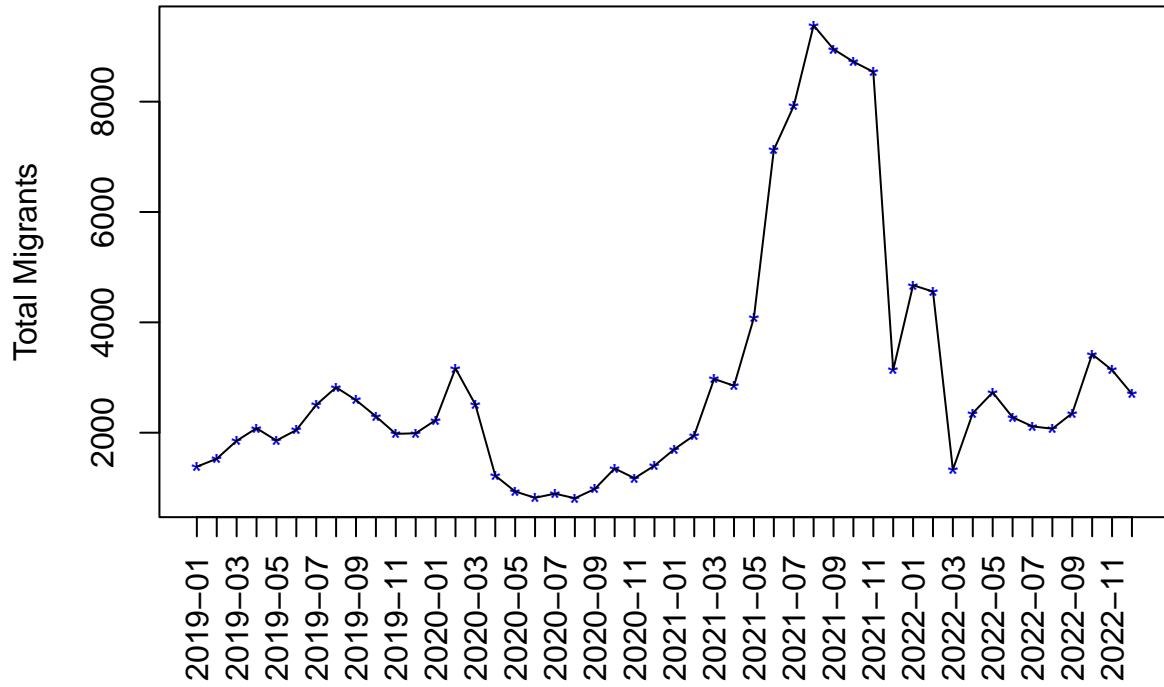
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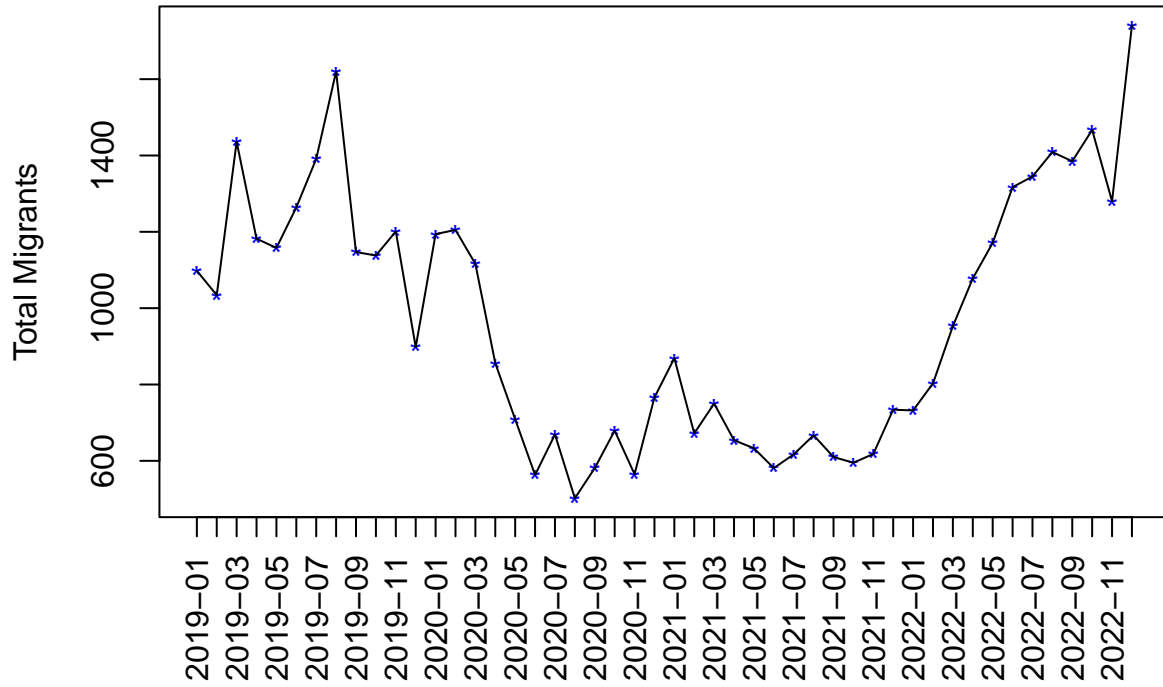
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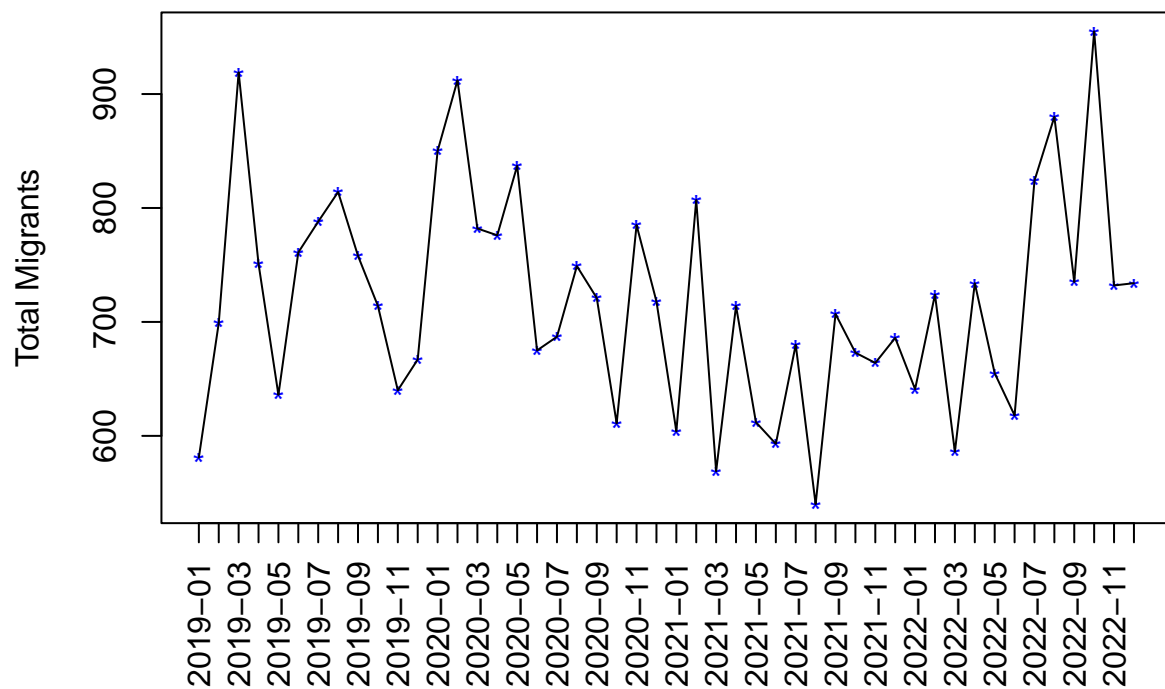
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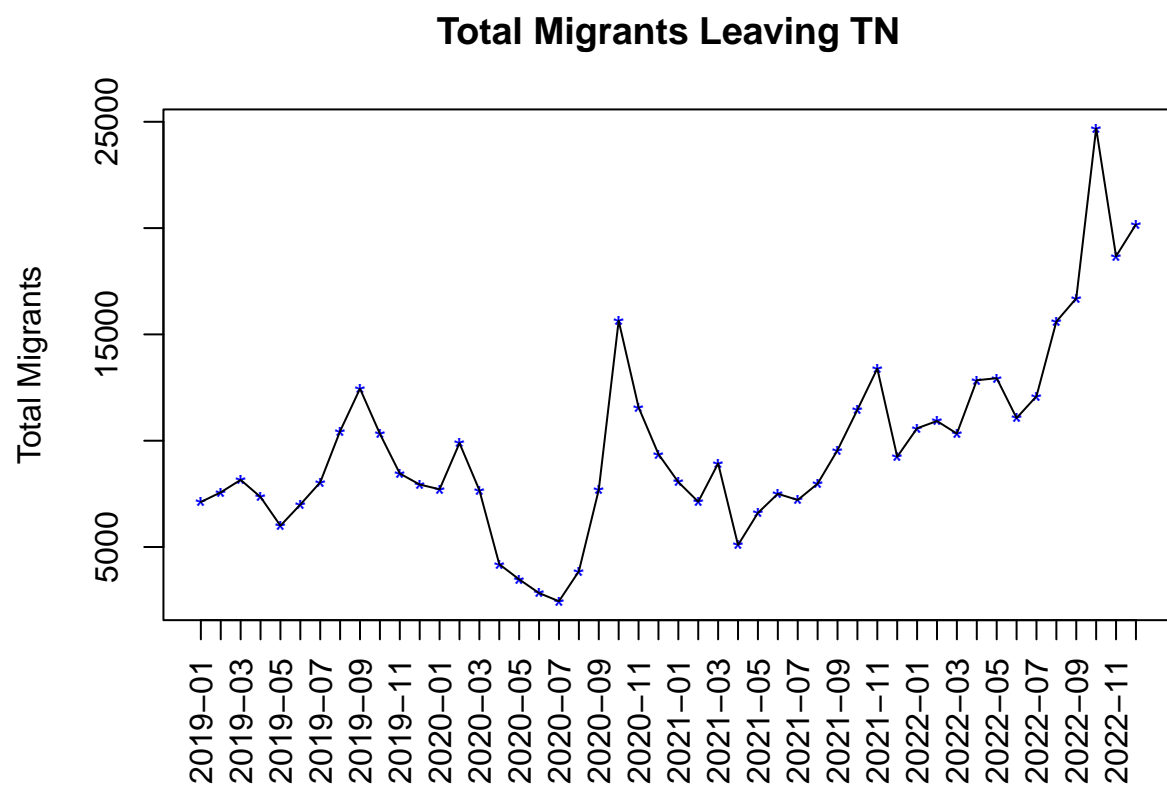
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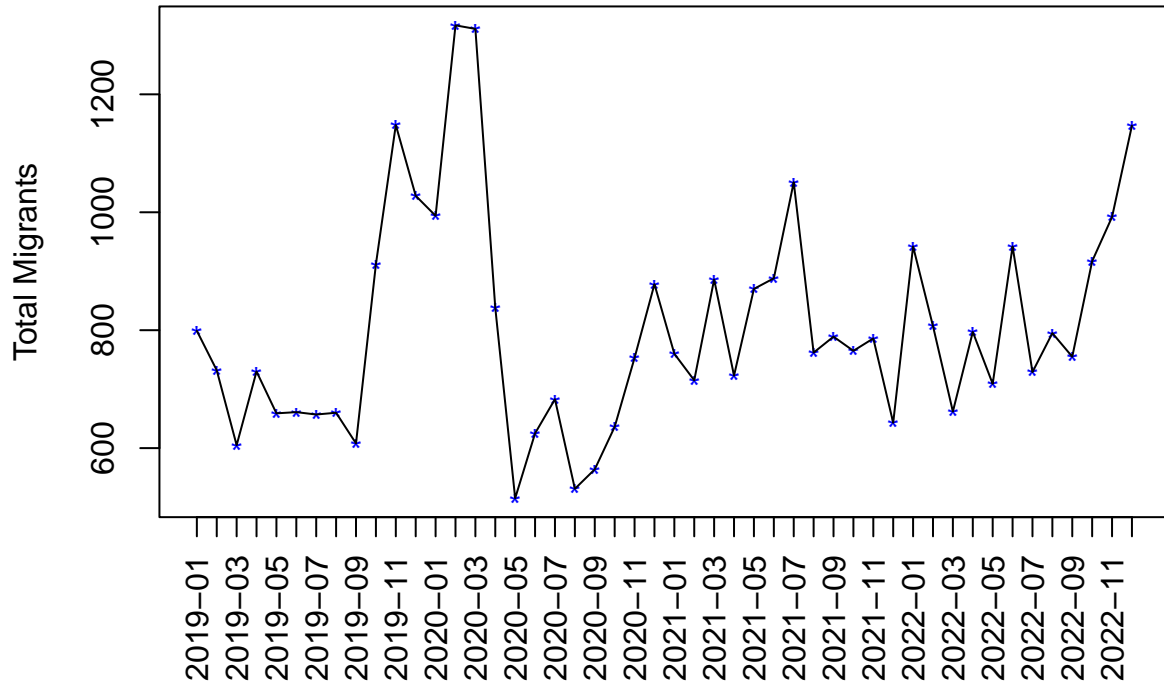
Total Migrants Leaving TL

Total Migrants Leaving TM
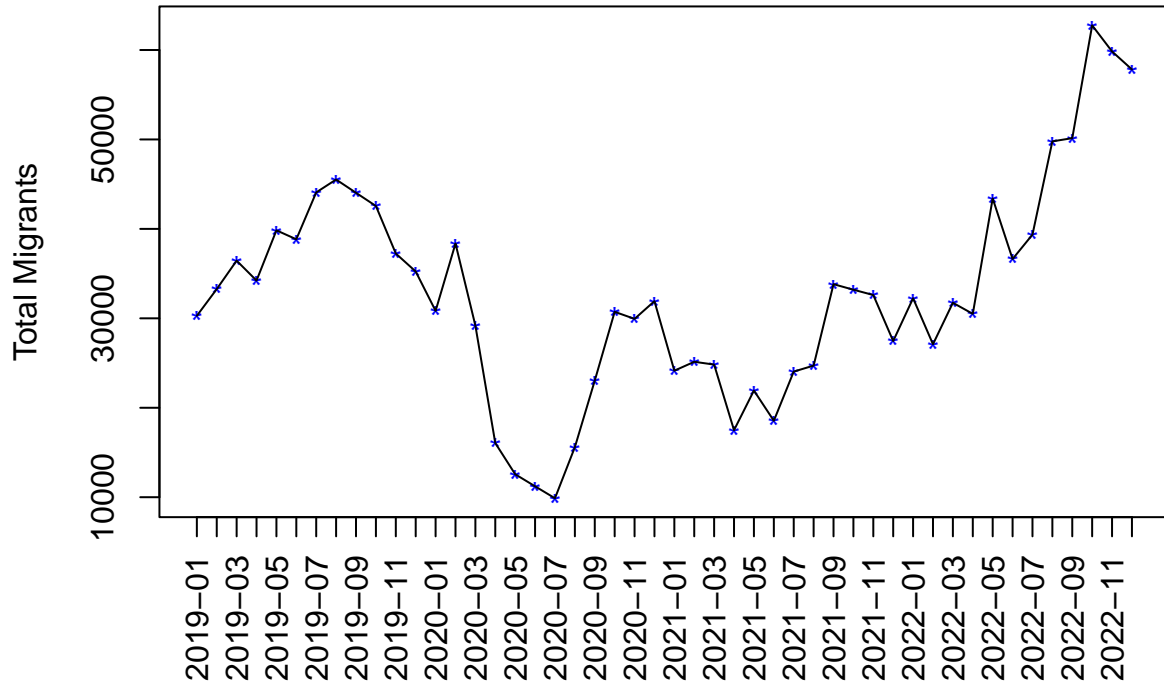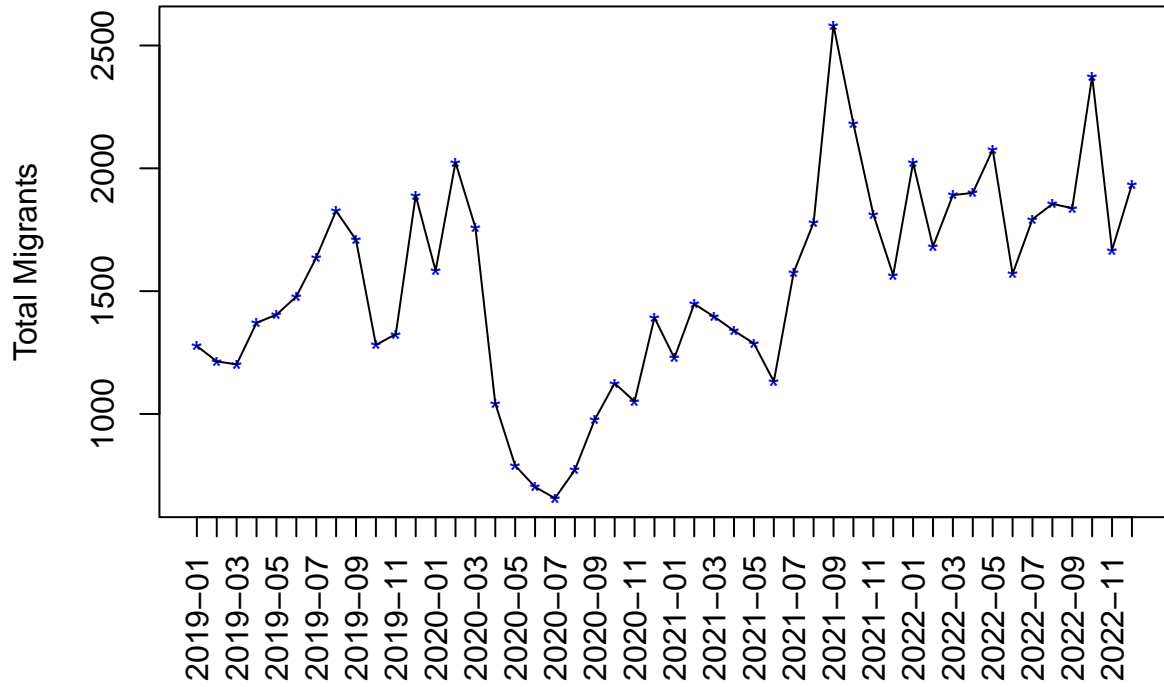
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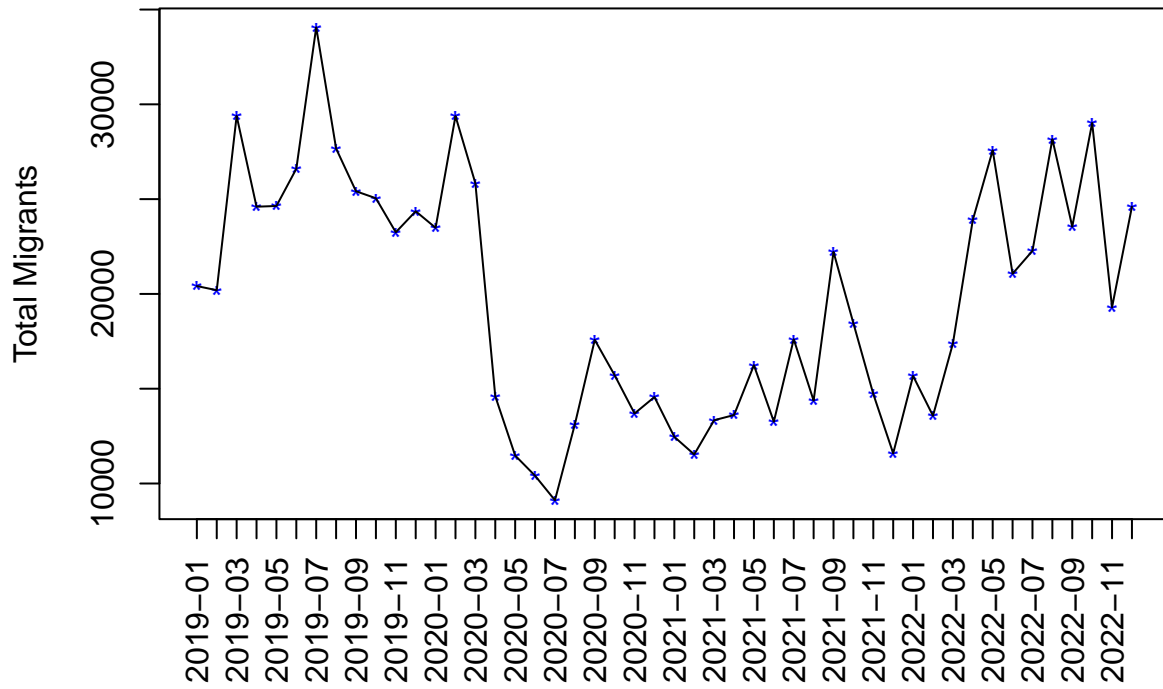
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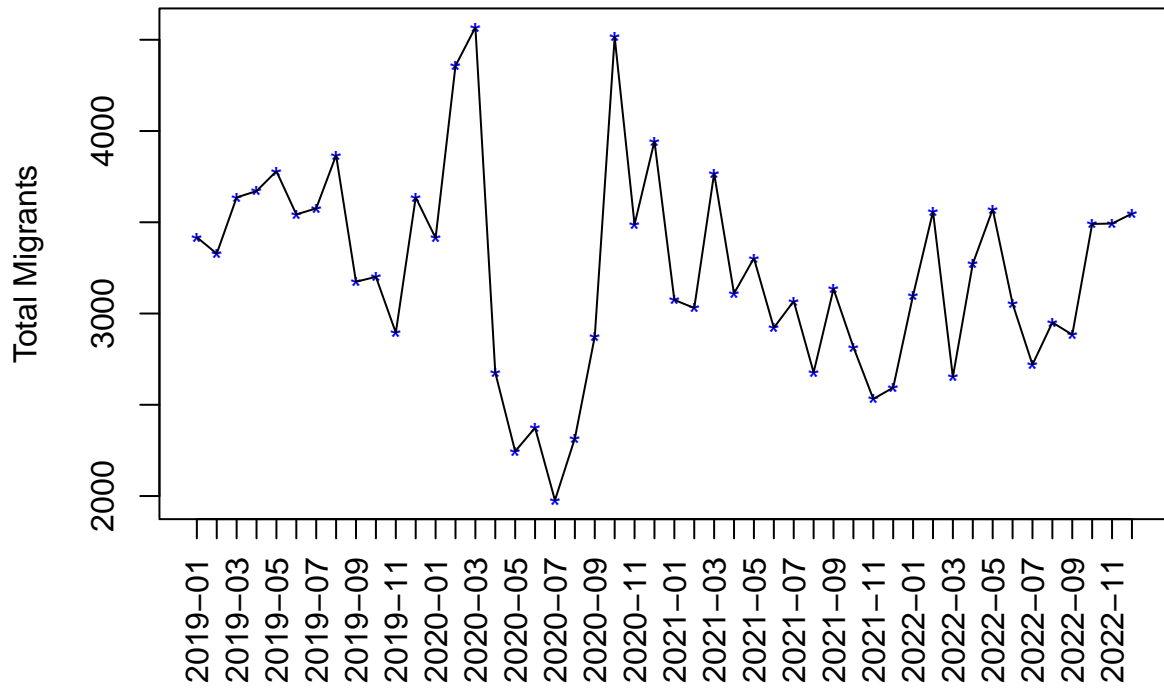
Total Migrants Leaving TR
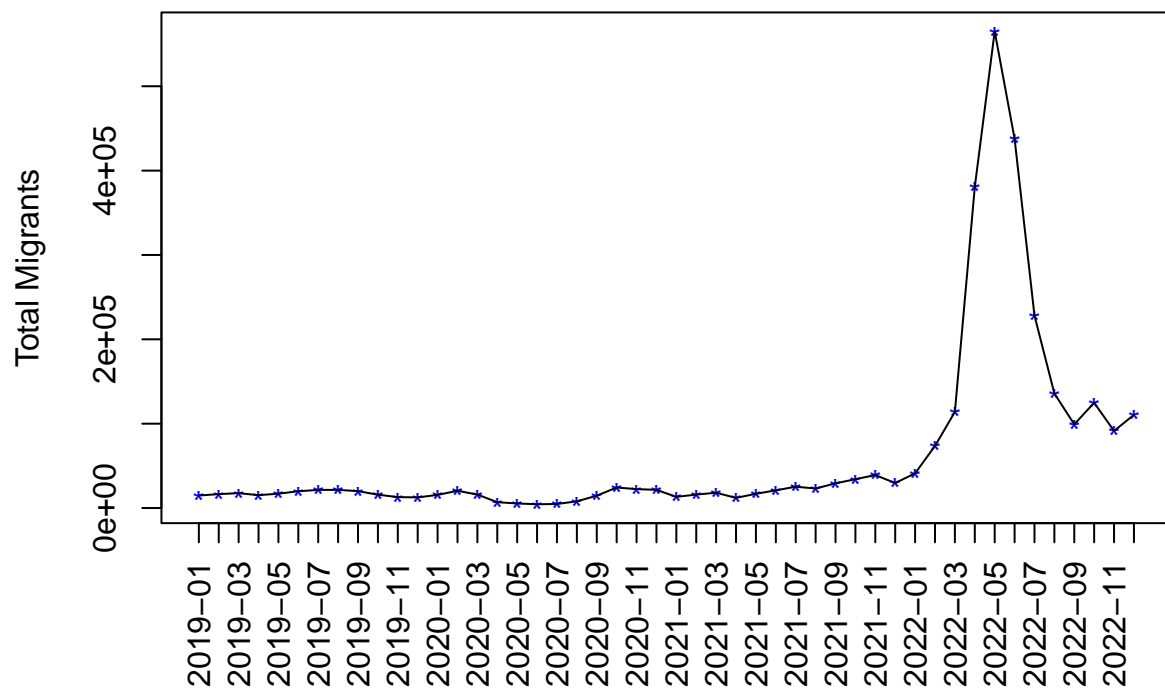
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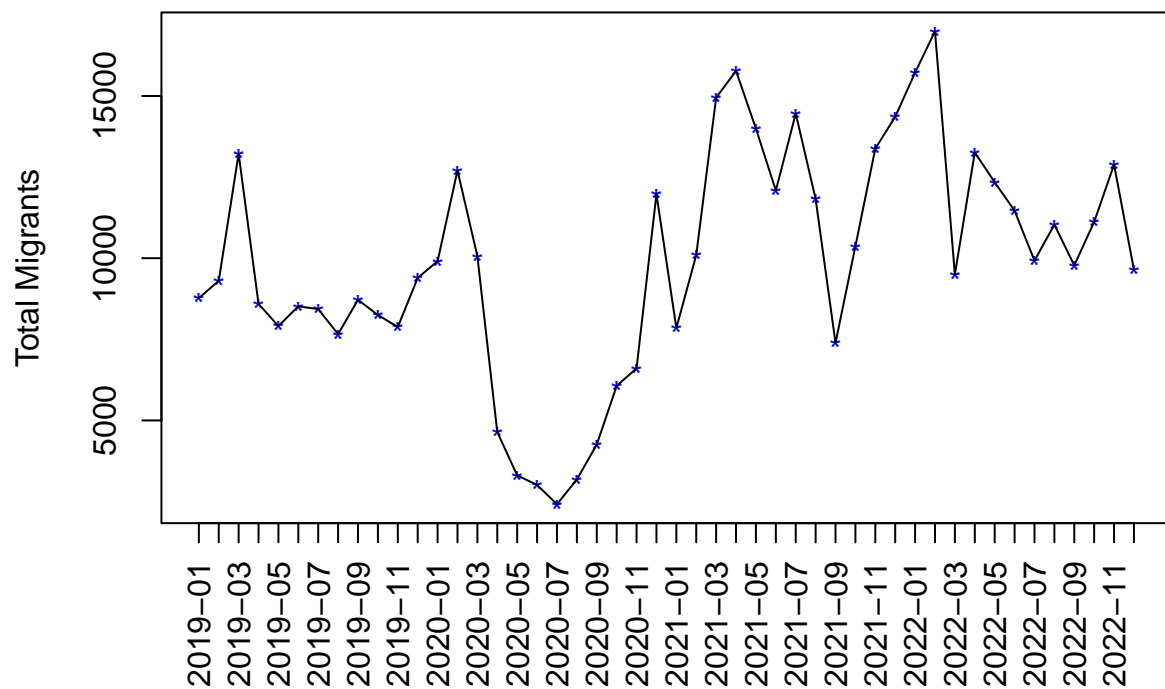
Total Migrants Leaving TW
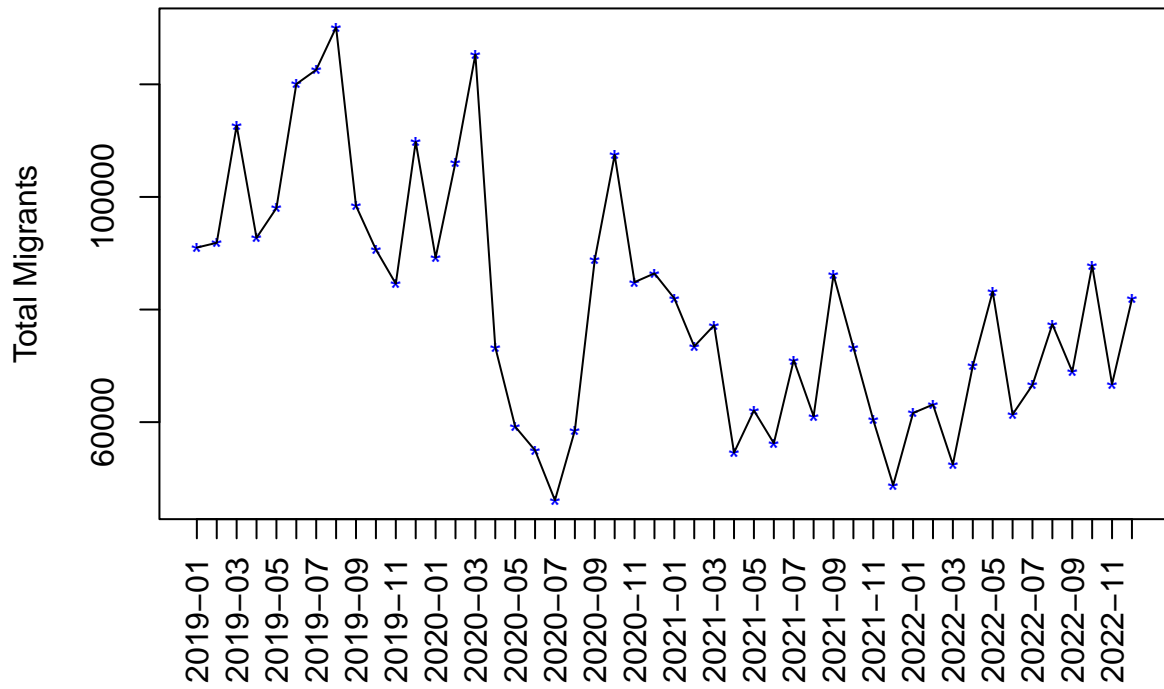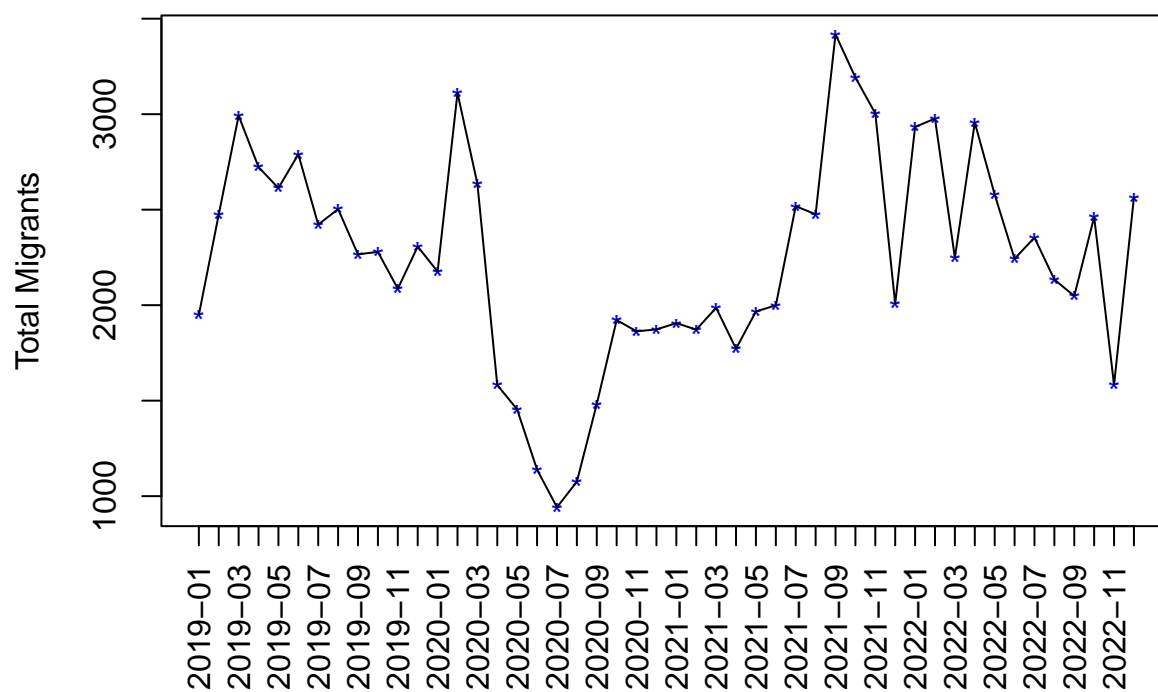
Total Migrants Leaving TZ

Total Migrants Leaving UA

Total Migrants Leaving UG

Total Migrants Leaving US

Total Migrants Leaving UY

Total Migrants Leaving UZ

Total Migrants Leaving VC
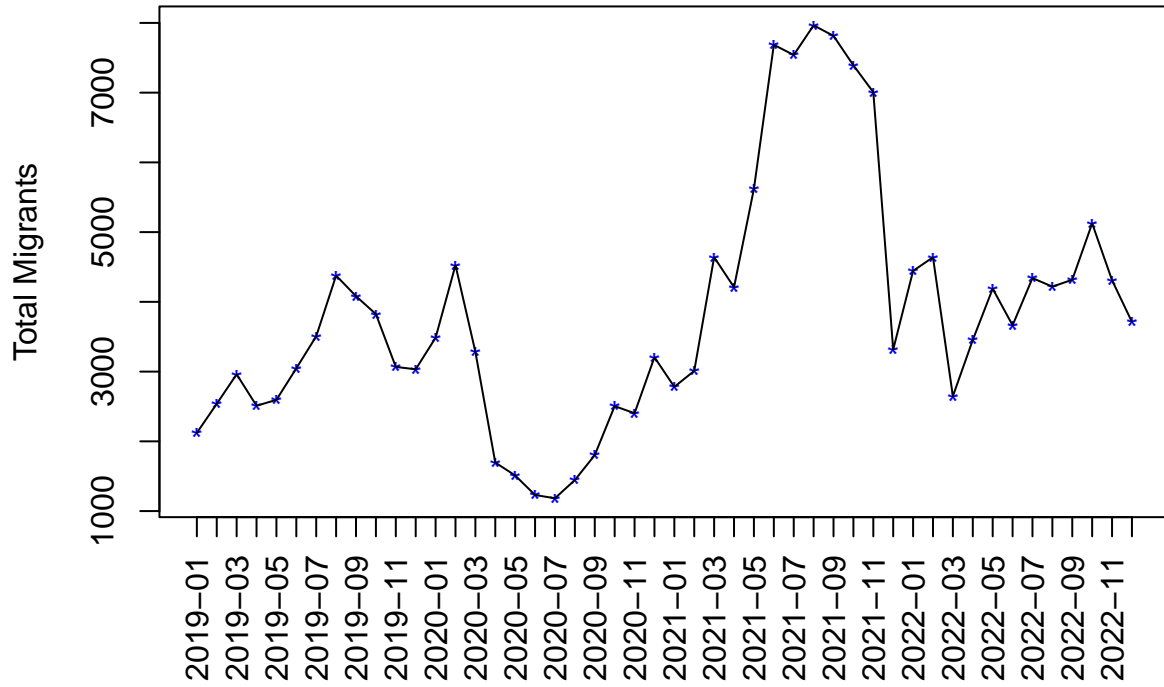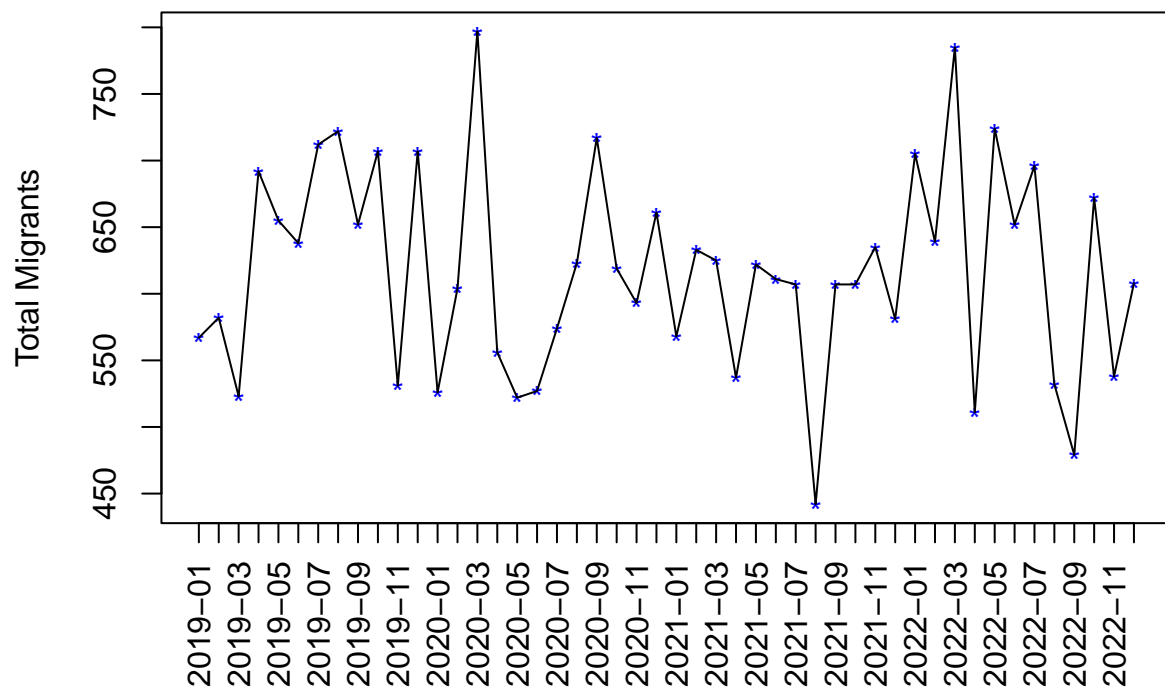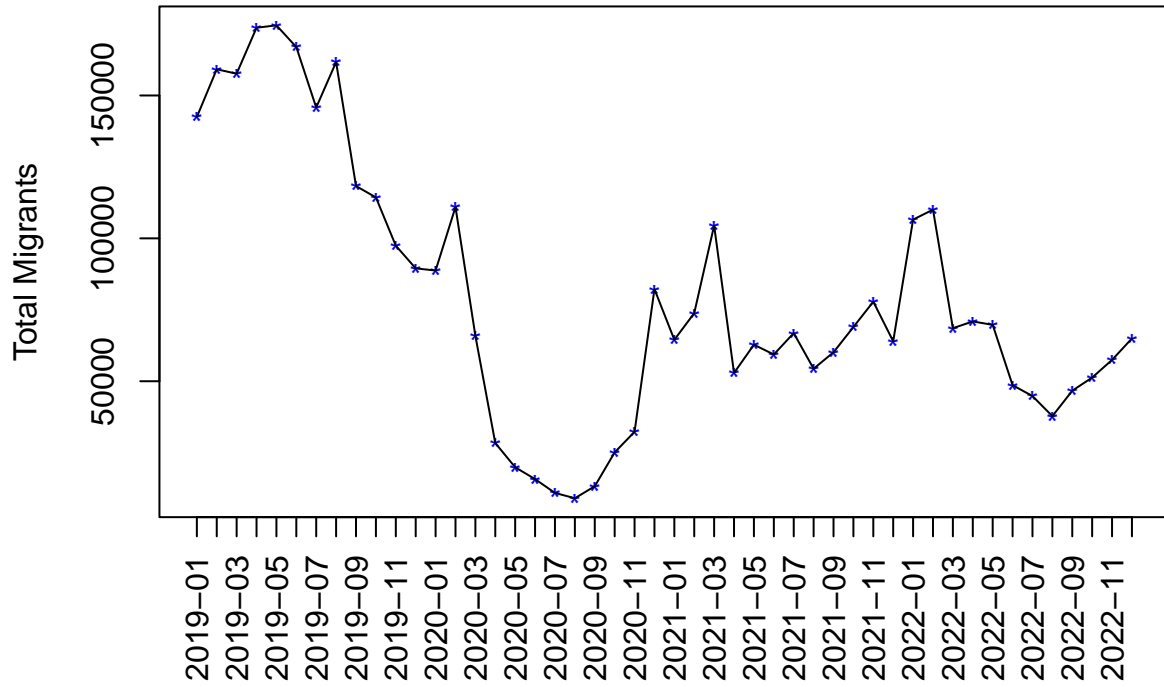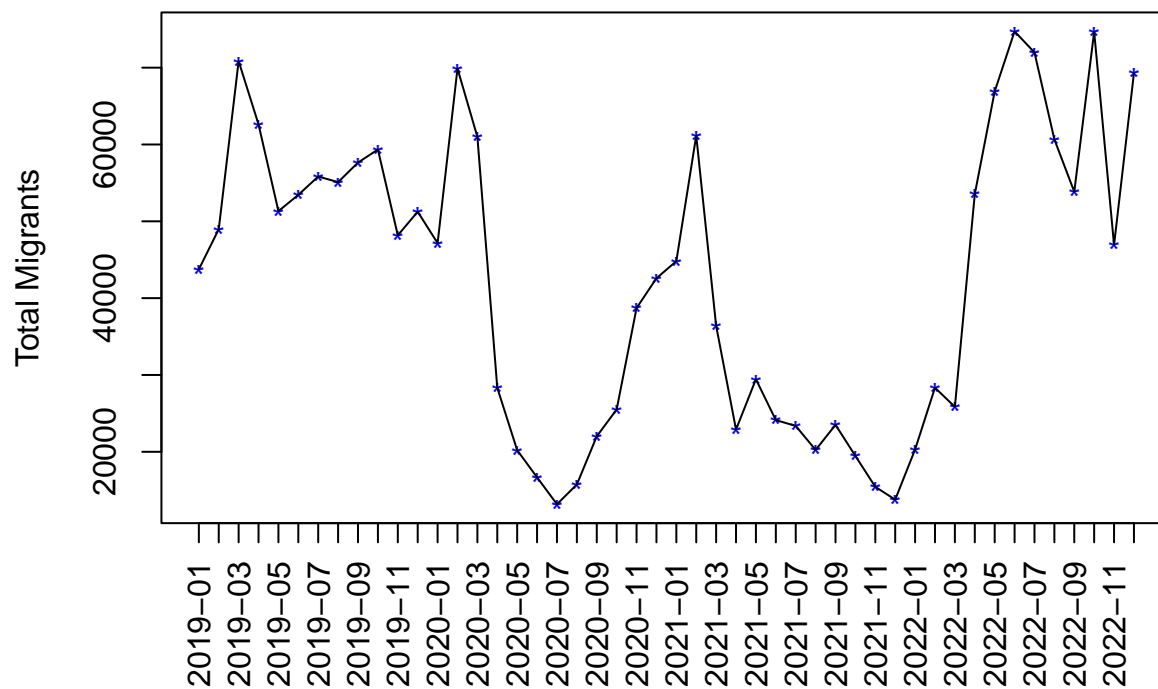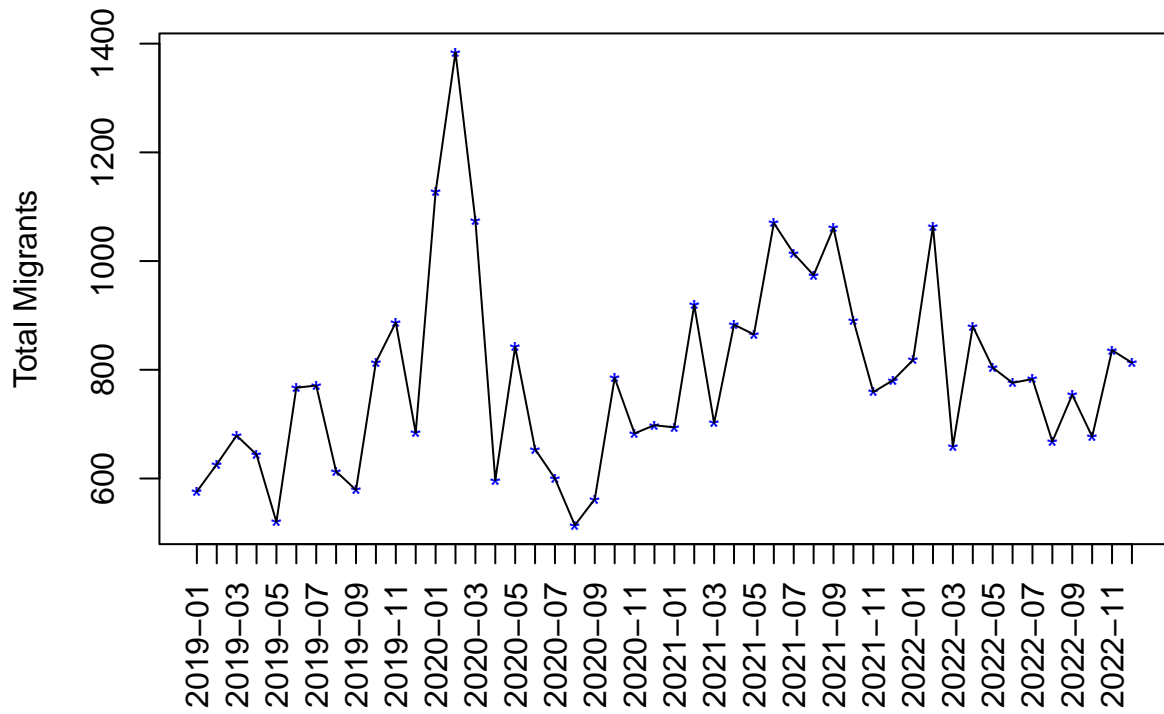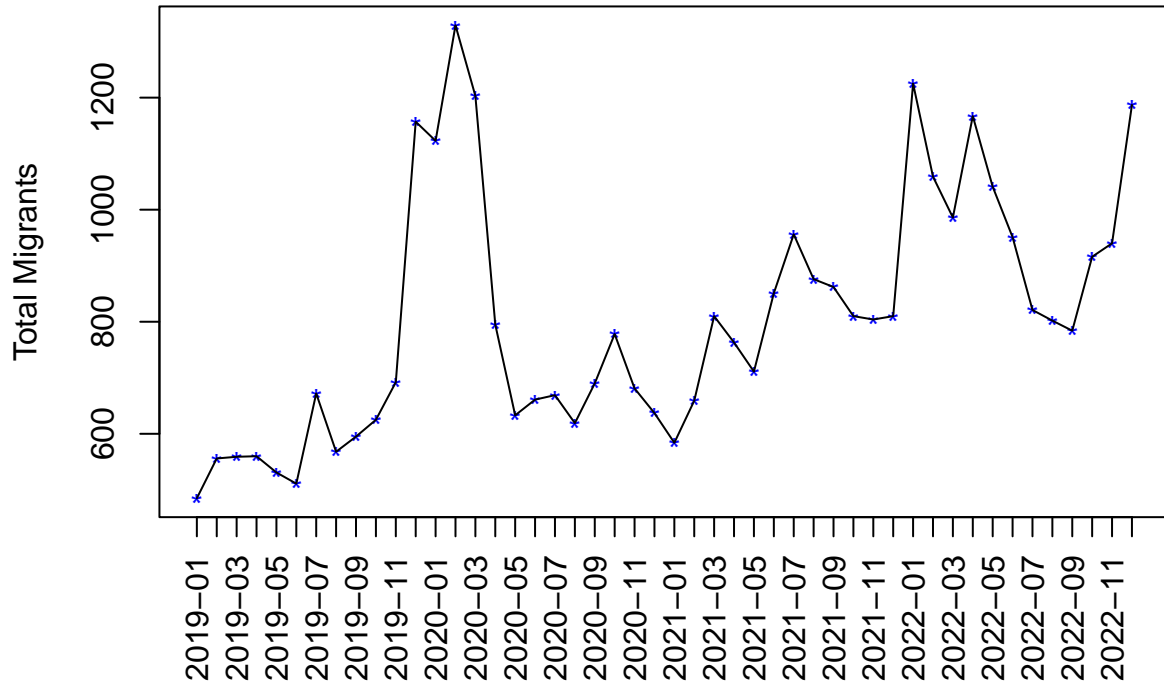
Total Migrants Leaving VE
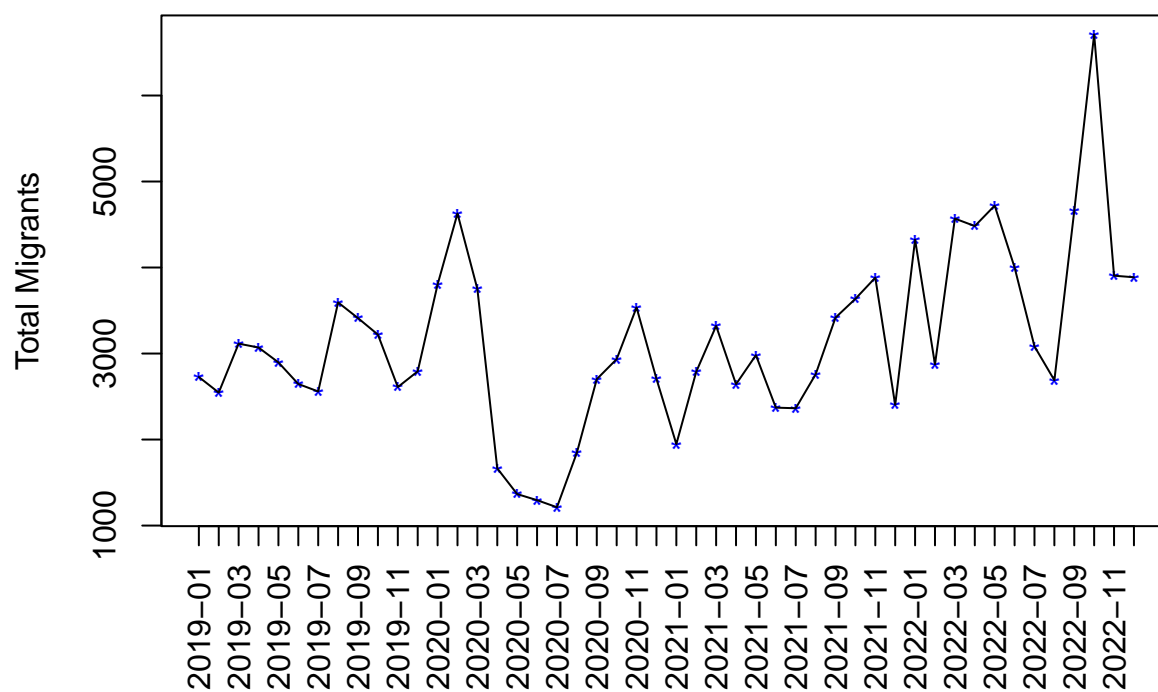
Total Migrants Leaving VN
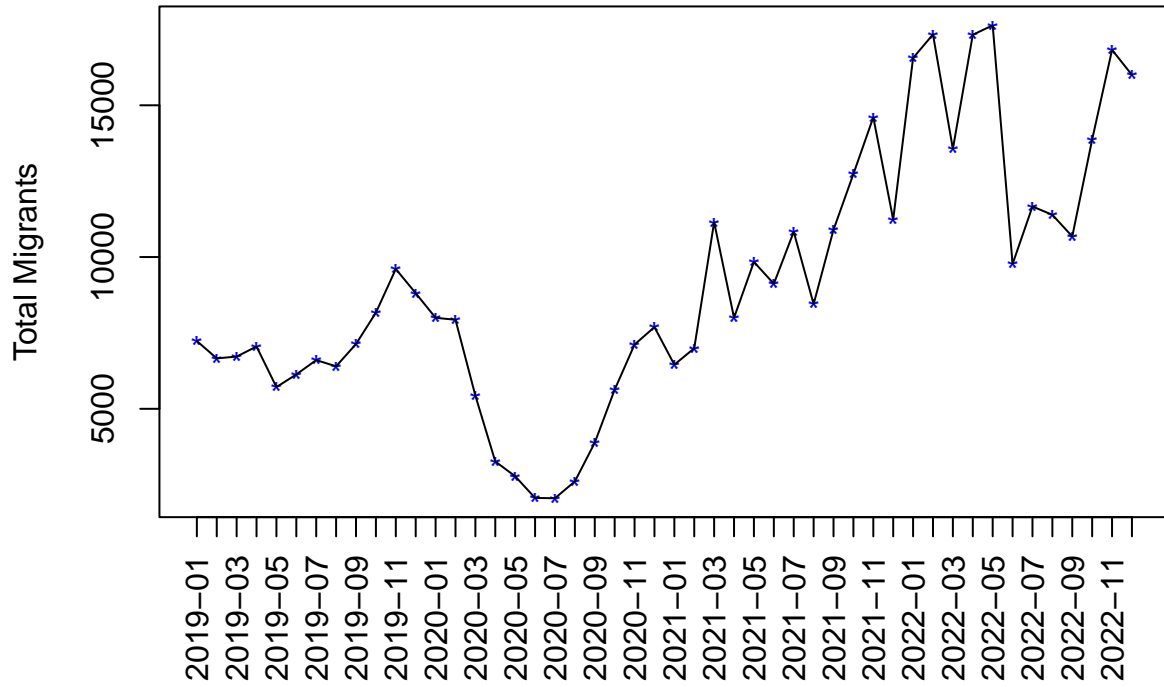
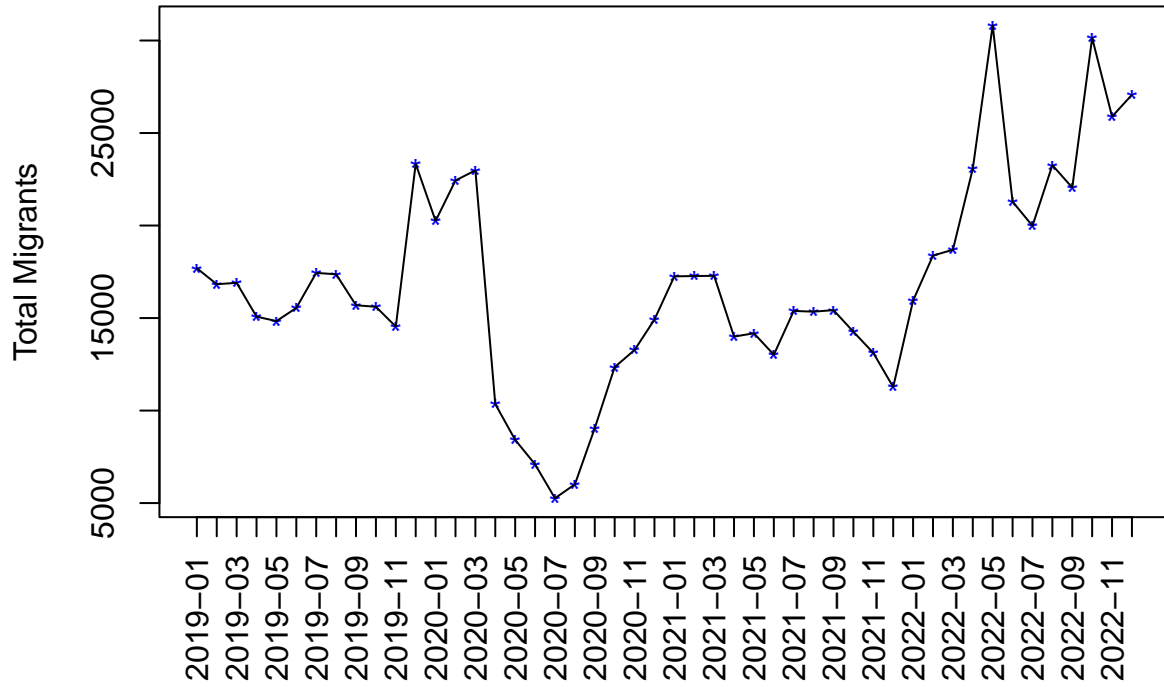# Total Migrants Leaving VU

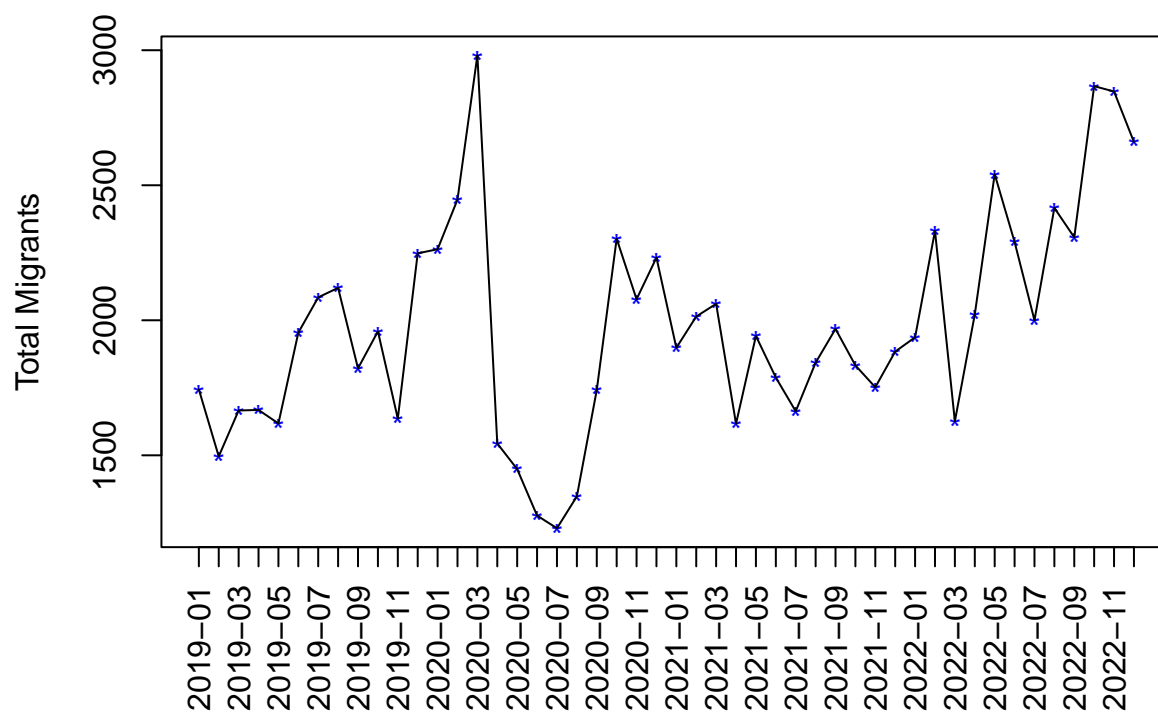# Total Migrants Leaving WS

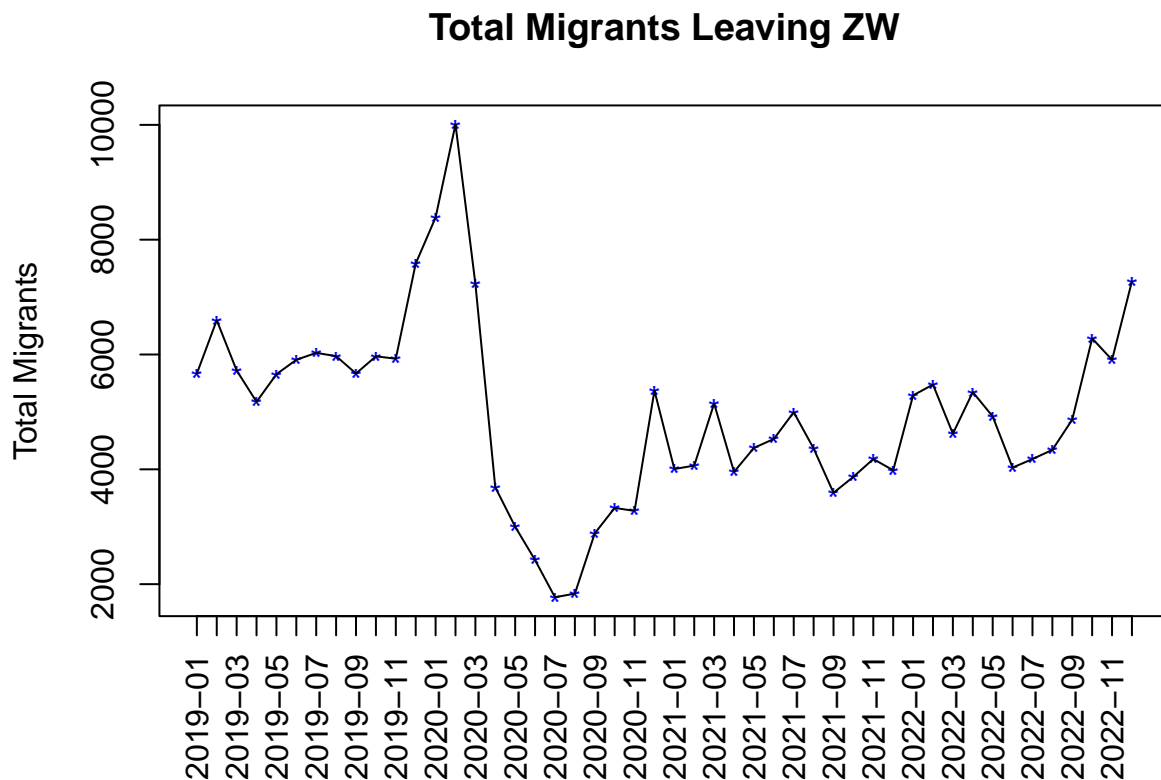# Total Migrants Leaving XK

Total Migrants Leaving YE

Total Migrants Leaving ZA

Total Migrants Leaving ZM

Total Migrants Leaving ZW

Countries To

This plots the number of migrants ENTERING a given country.

```r
load("C:/Users/numis/OneDrive/Documents/country_migration.Rdata")

countries = unique(country_migration$country_from)

months = unique(country_migration$migration_month)

#plots migrants ENTERING countries
migrants_entering = function(country_list){
  #This creates plots of the number of migrants ENTERING a given country in a month
  for(c in country_list){

    total_migrants = c()

    for(m in months){

      monthdata = country_migration[country_migration$country_to == c
                                    & country_migration$migration_month == m, ]

      monthtotal = sum(monthdata$num_migrants)

      total_migrants = c(total_migrants, monthtotal)
```

```
    }


    plot(total_migrants, xaxt = 'n', ylab = "Total Migrants",
         pch = "*", col = 'blue', xlab = "",
         main=paste("Total Migrants Entering", c))

    lines(total_migrants, col = "black", lty = 1)

    axis(1, at=1:length(months), labels=months, las=2)


  }
}

migrants_entering(countries)
```
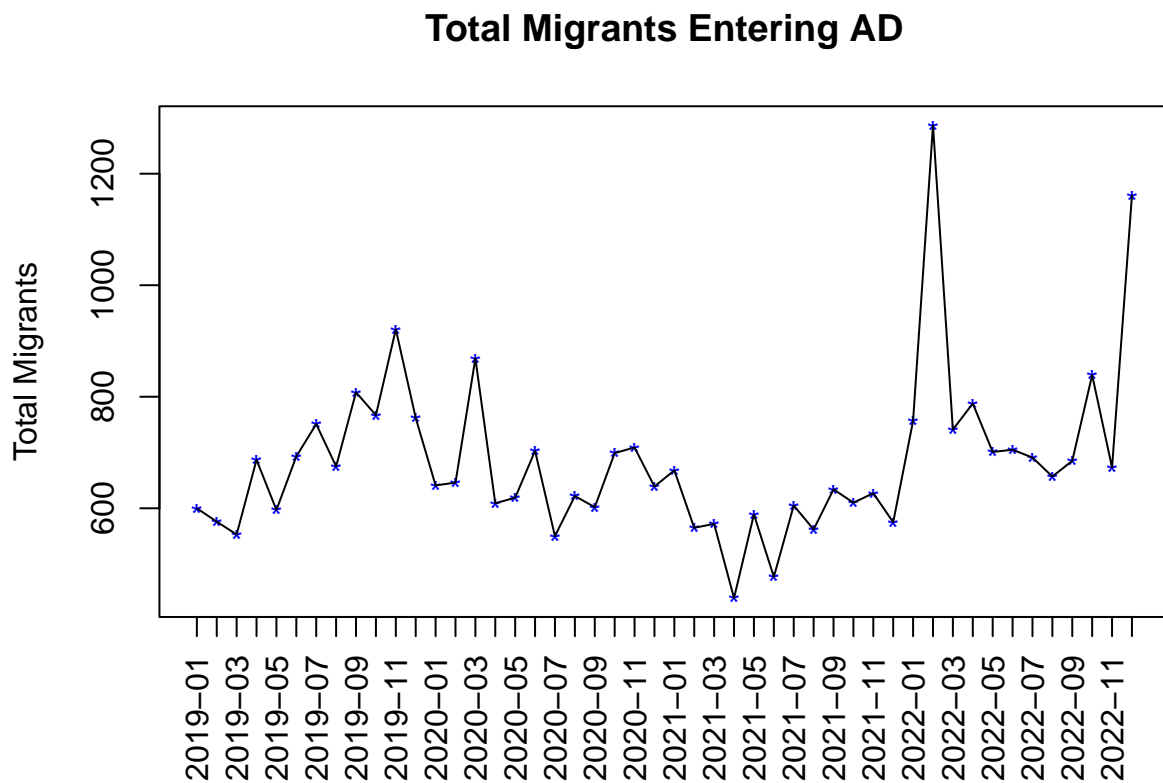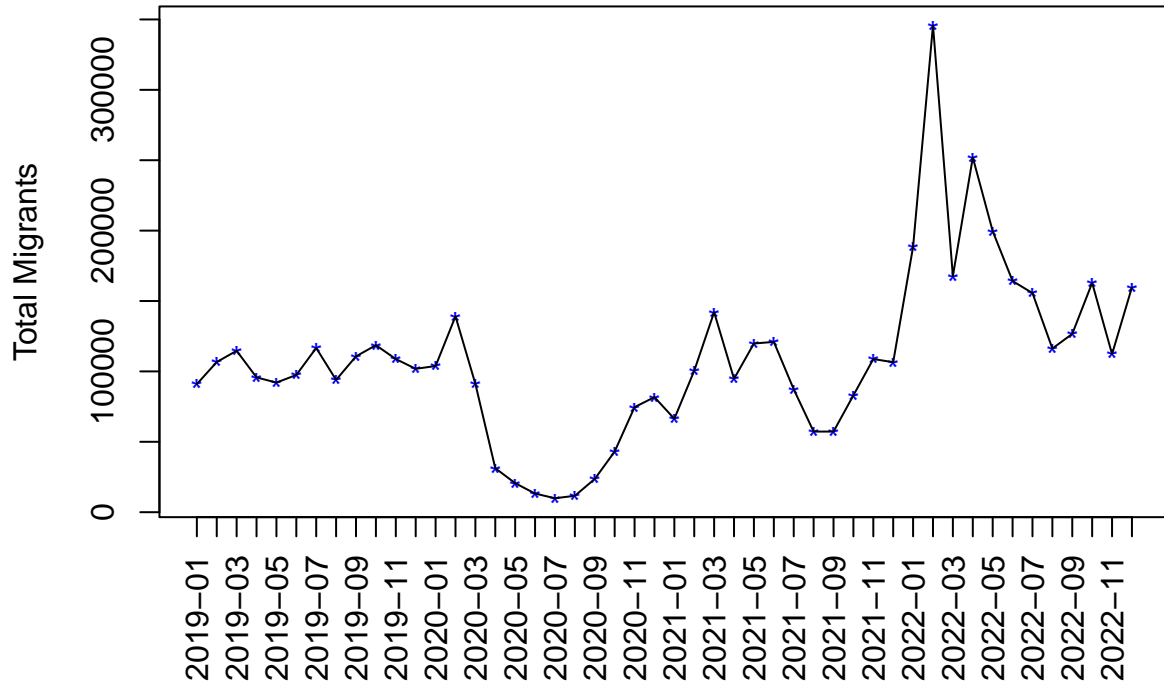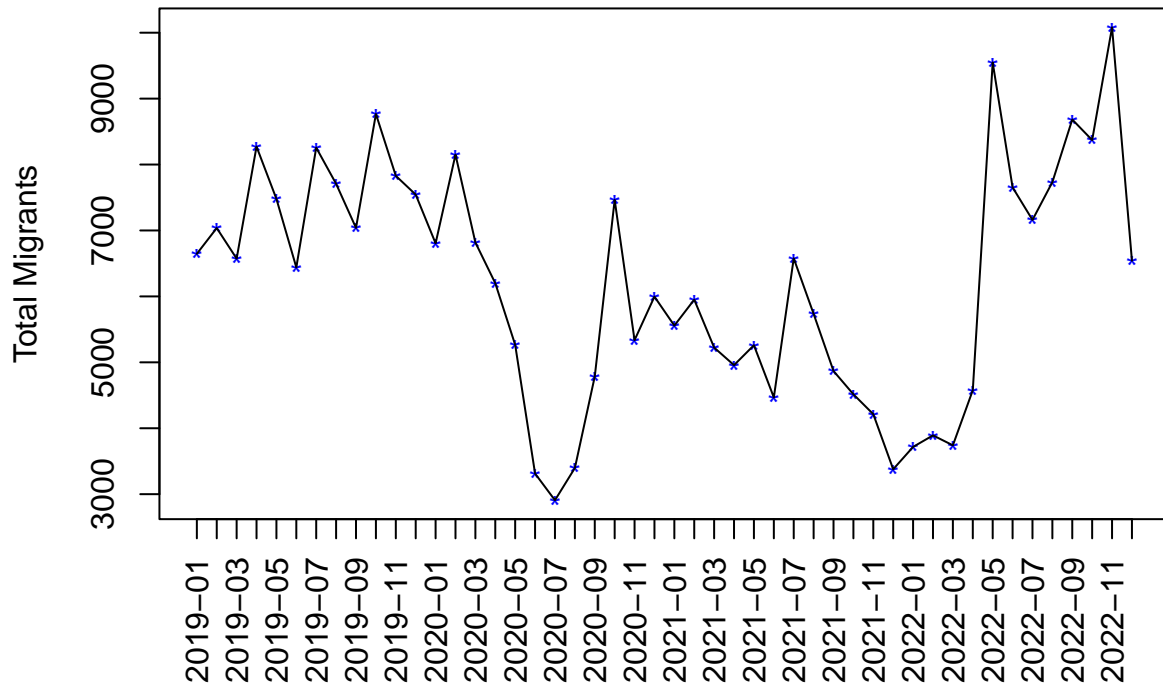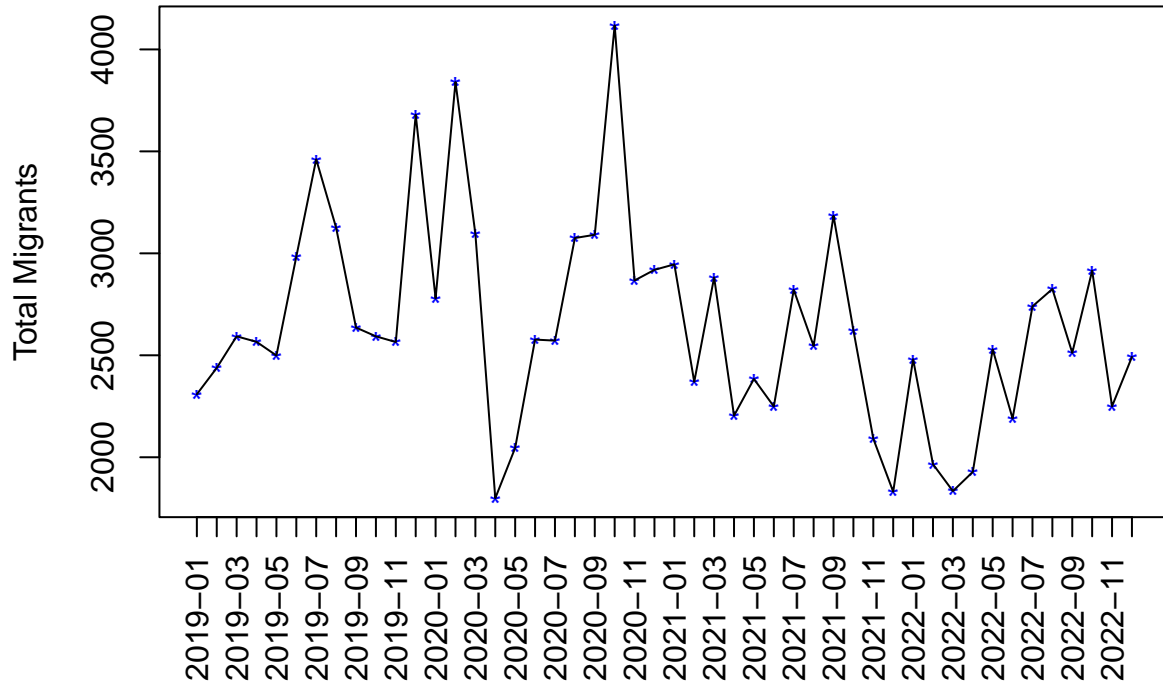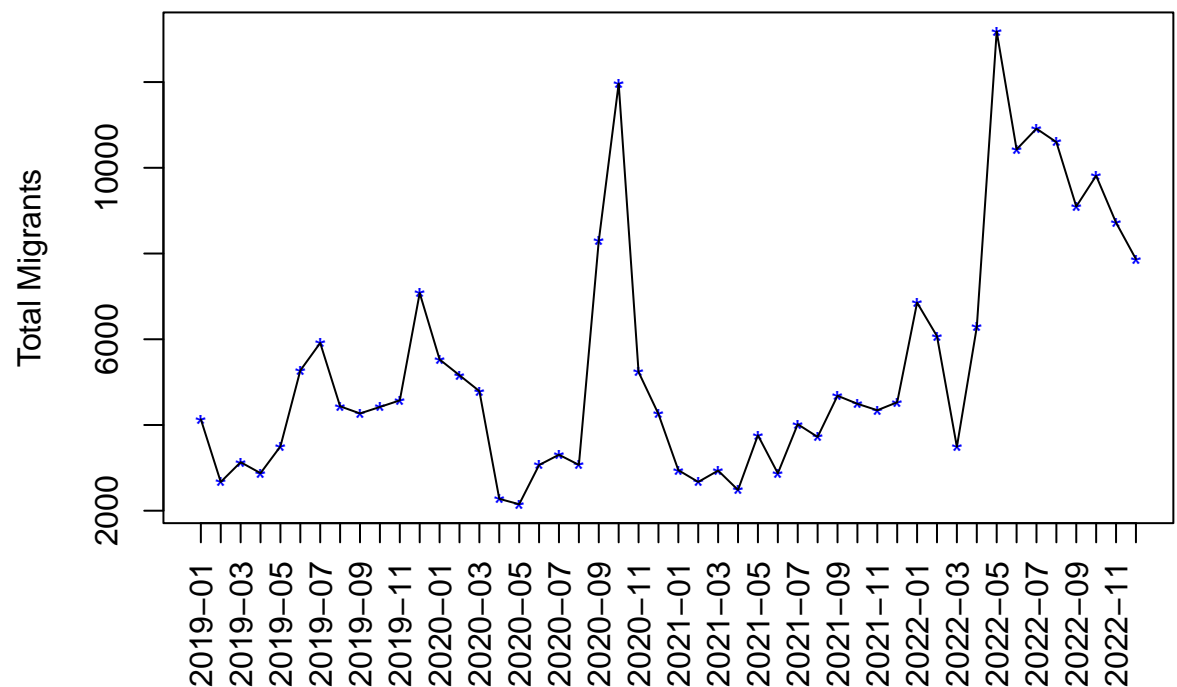
Total Migrants Entering AD
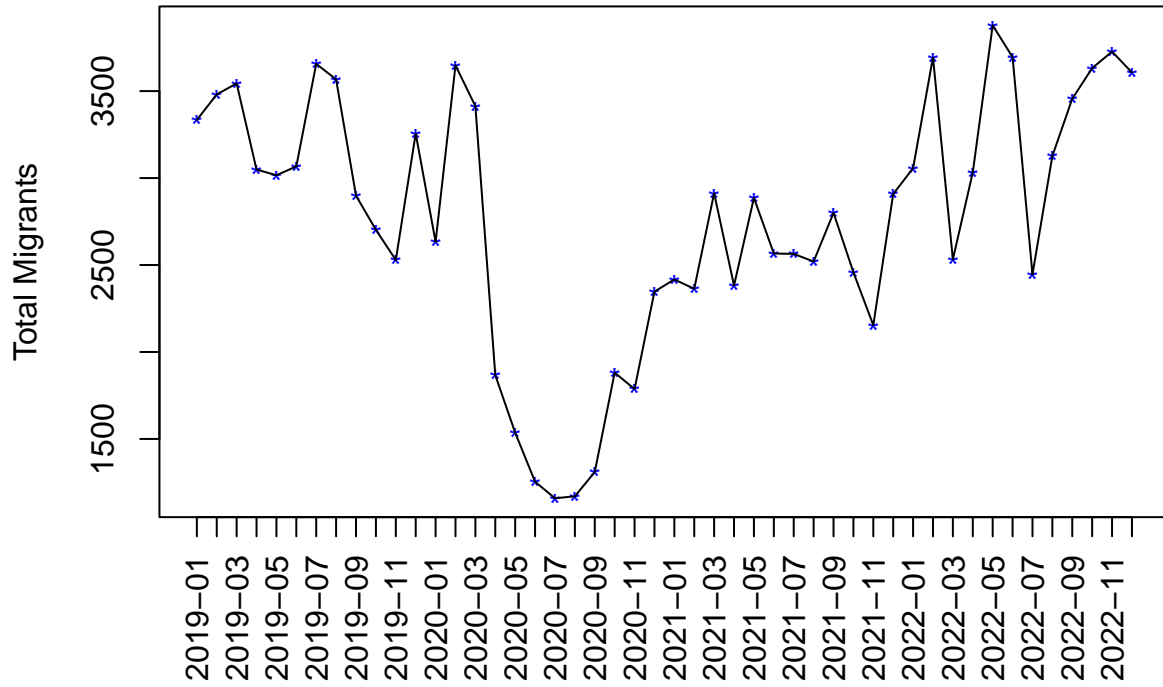
Total Migrants Entering AE

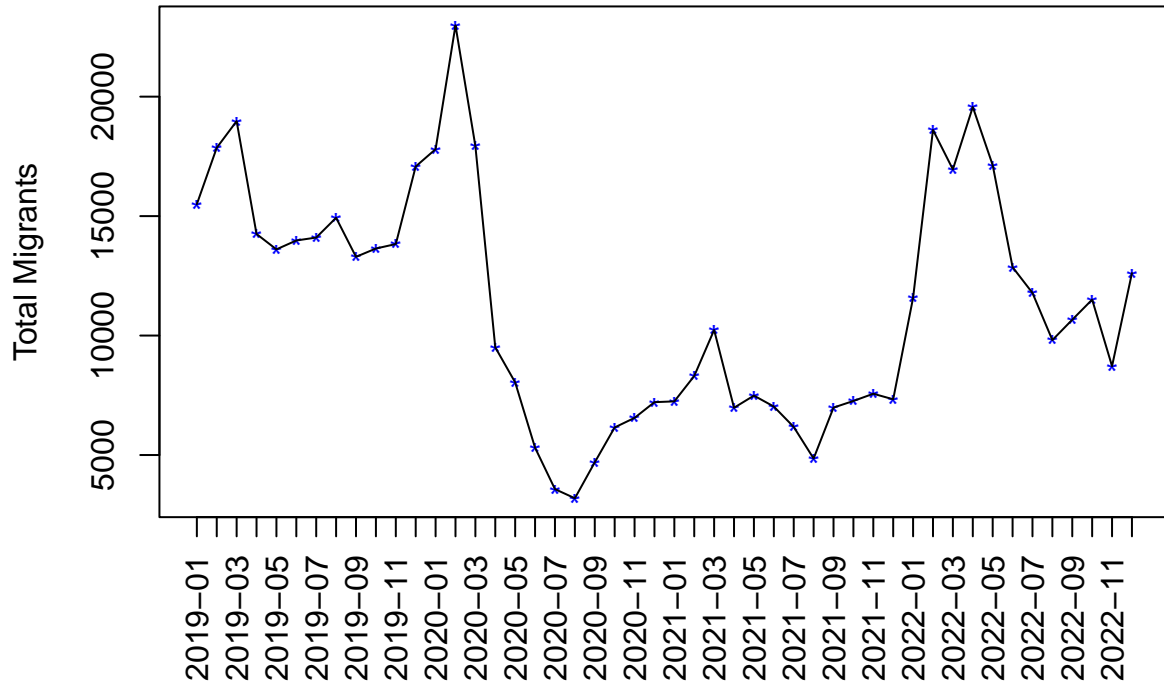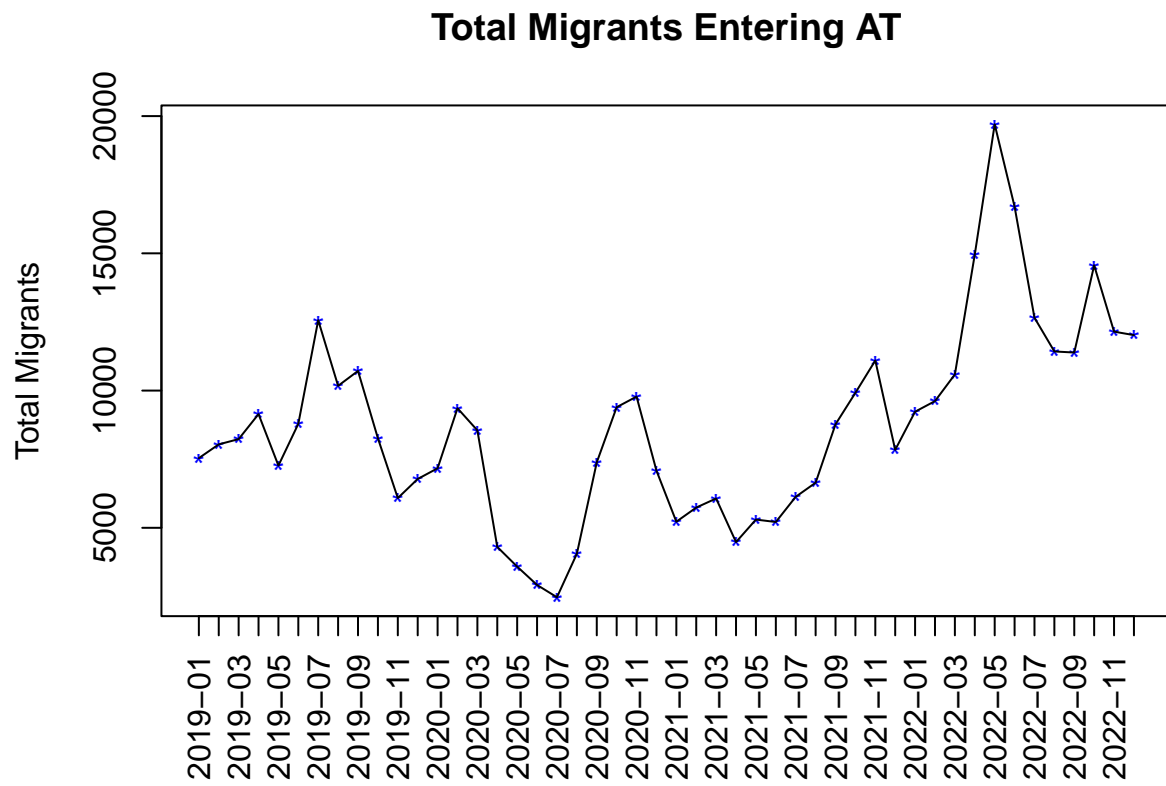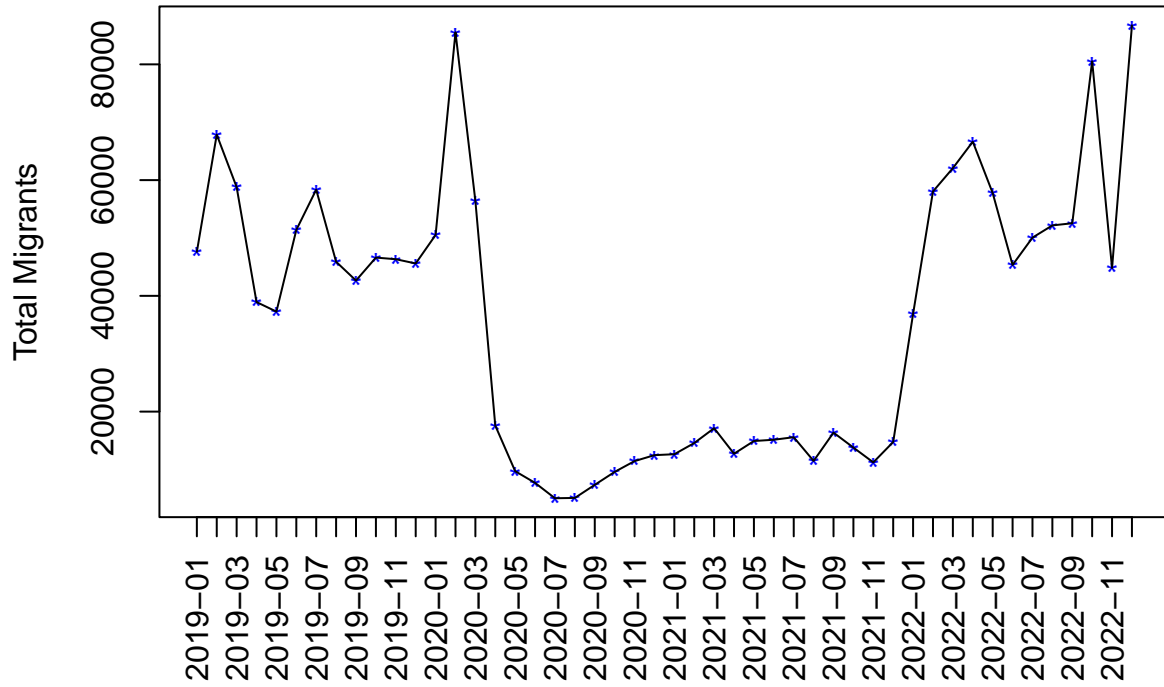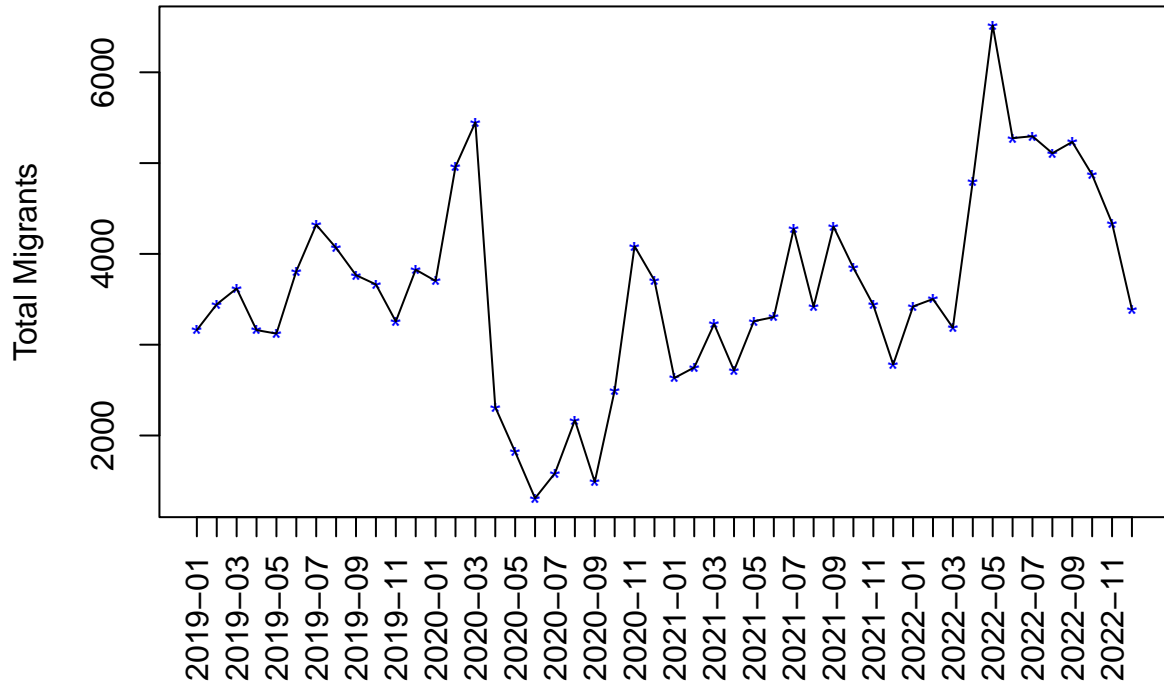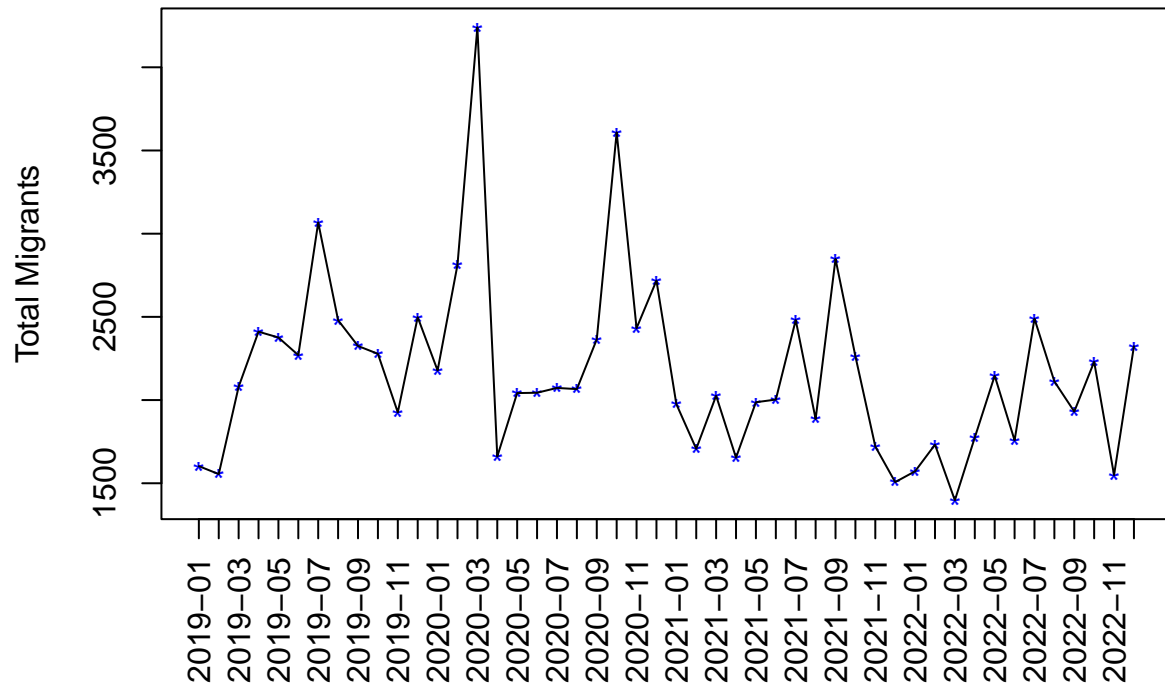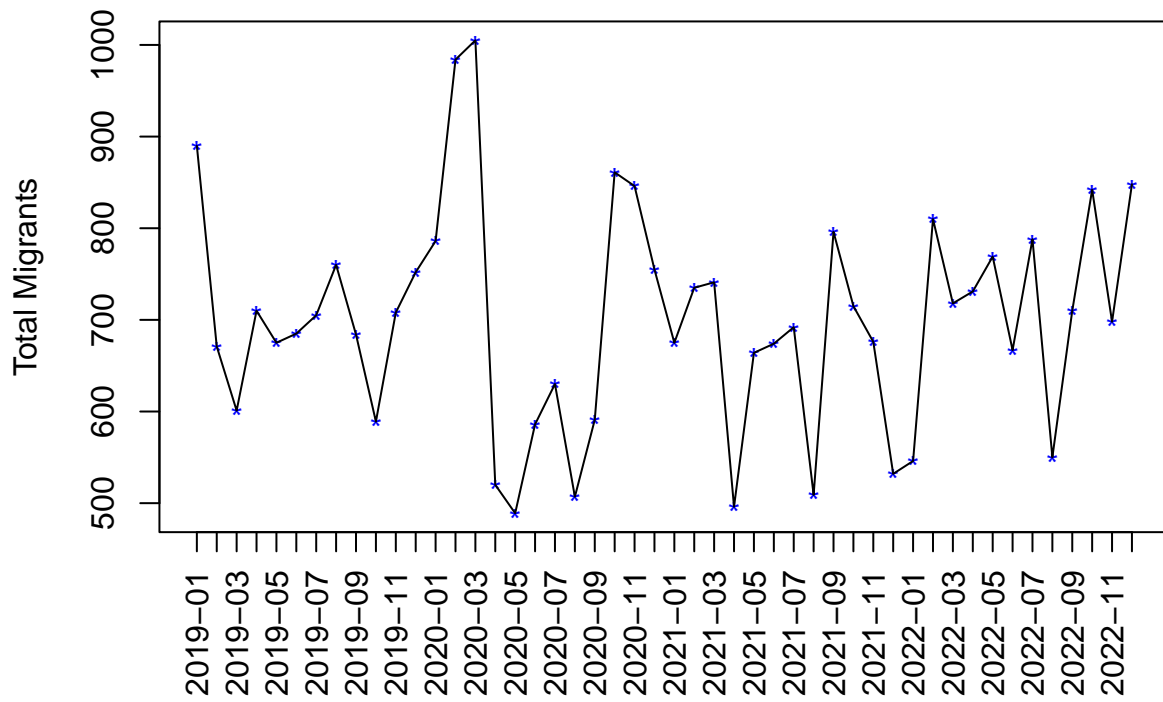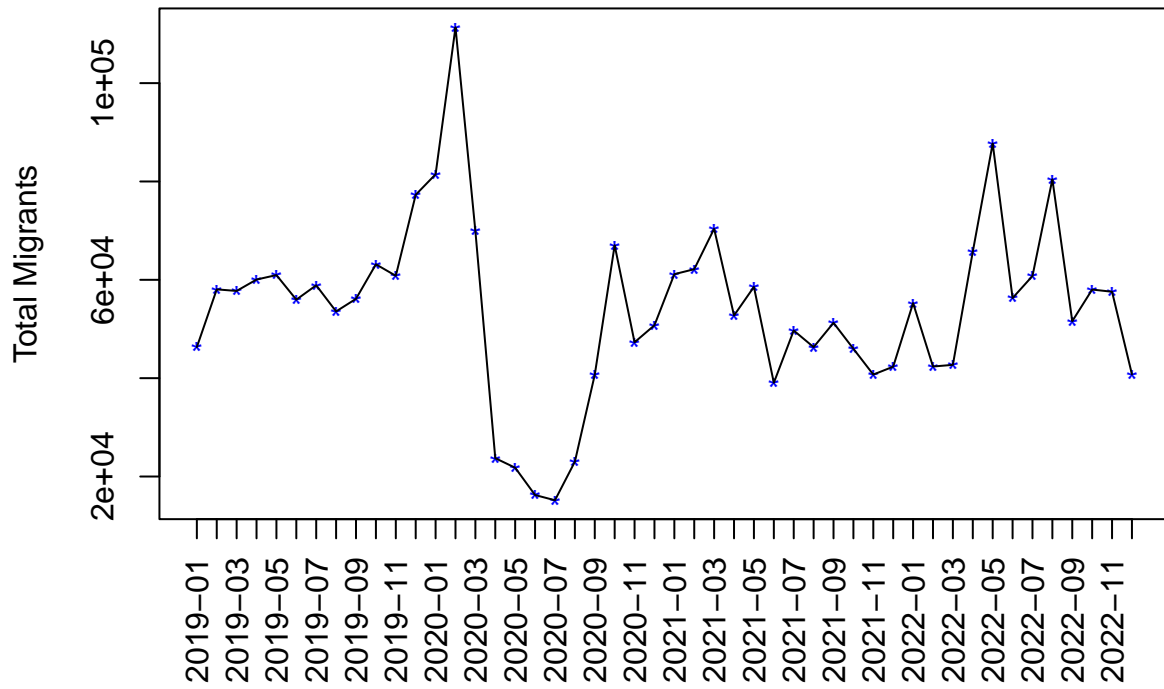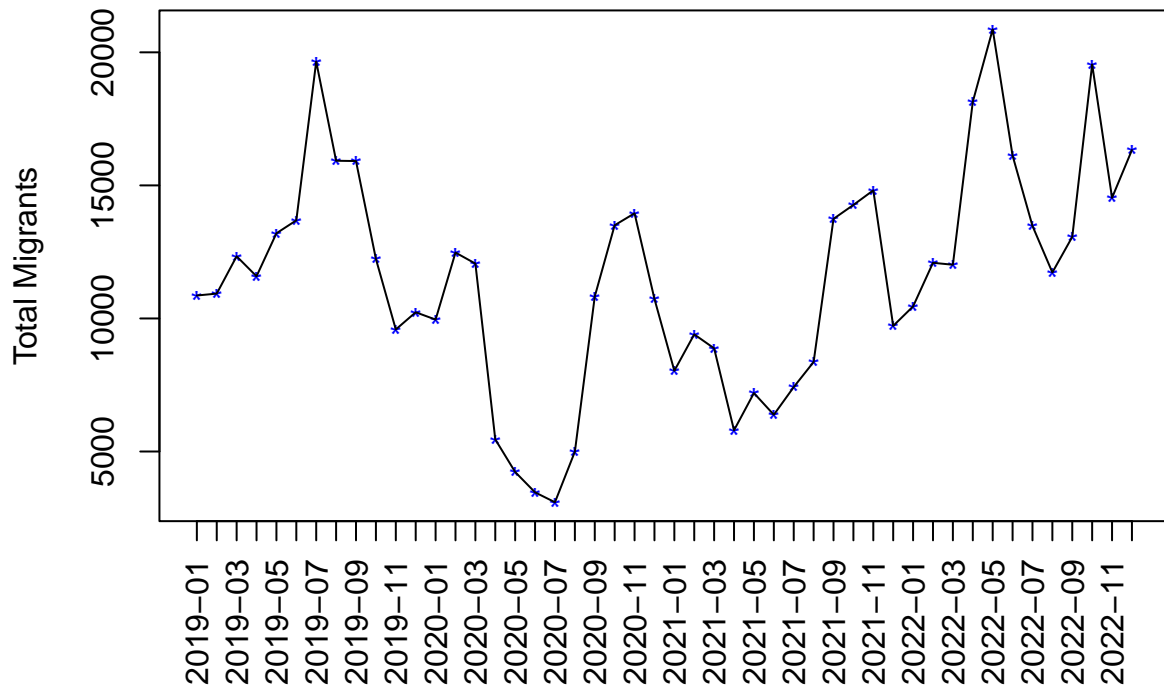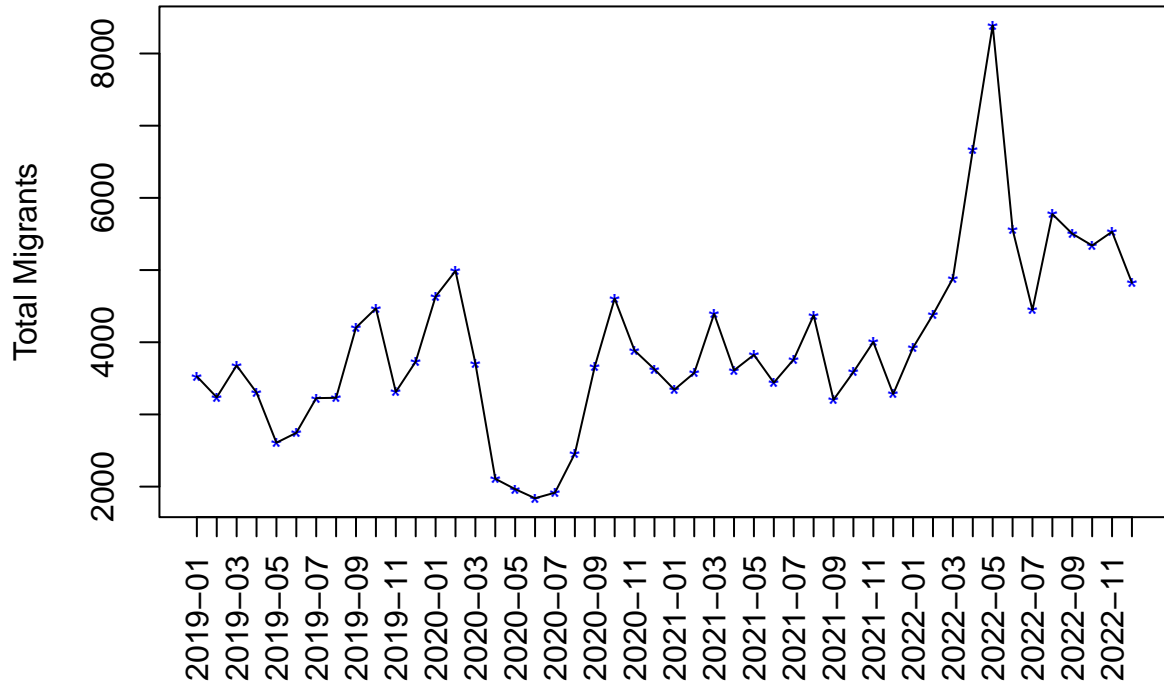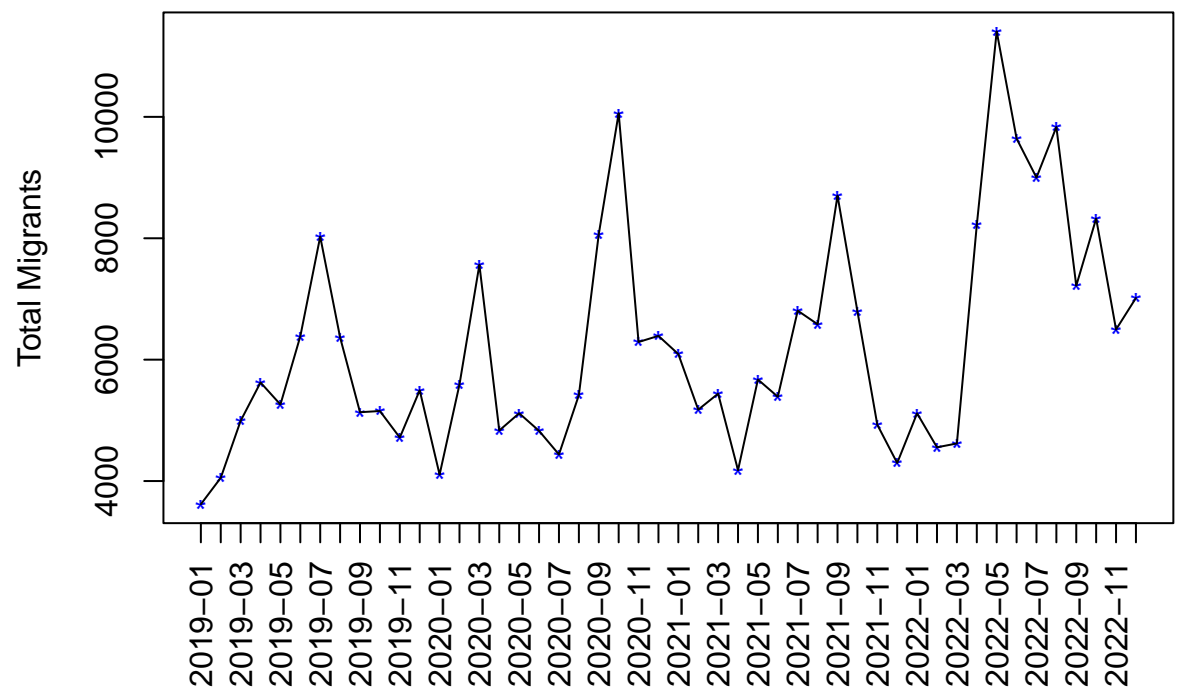# Total Migrants Entering AF

Total Migrants Entering AL

Total Migrants Entering AM

Total Migrants Entering AO

Total Migrants Entering AR

Total Migrants Entering AT

Total Migrants Entering AU

Total Migrants Entering AZ

Total Migrants Entering BA

Total Migrants Entering BB

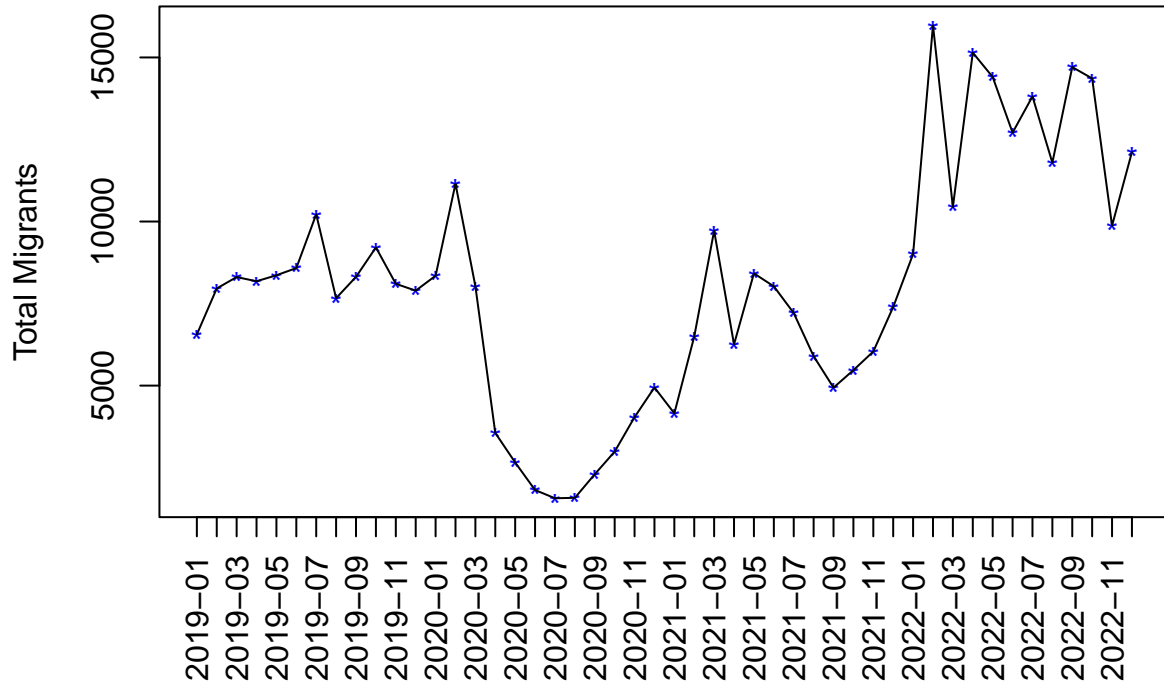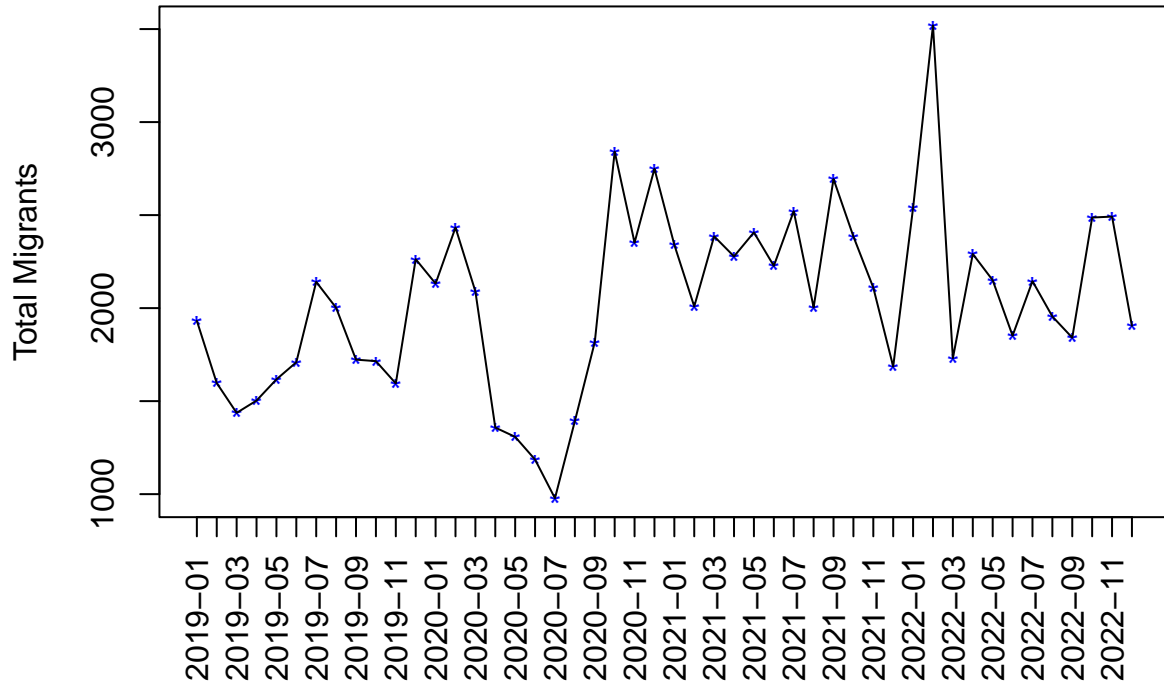# Total Migrants Entering BD

Total Migrants Entering BE

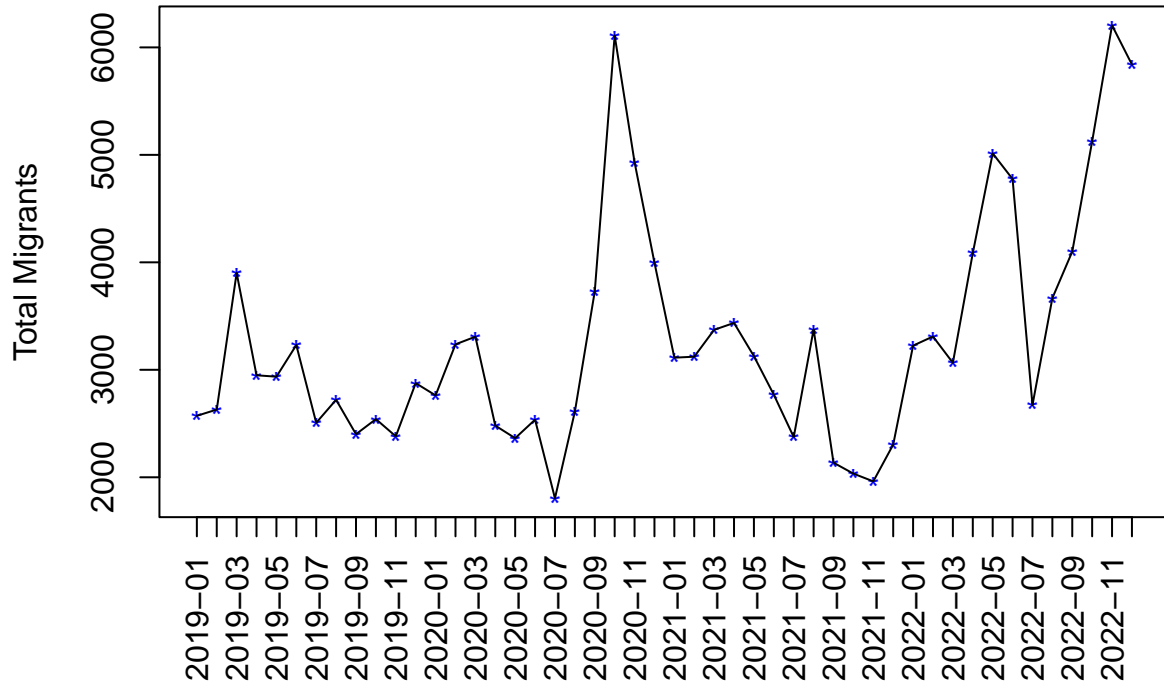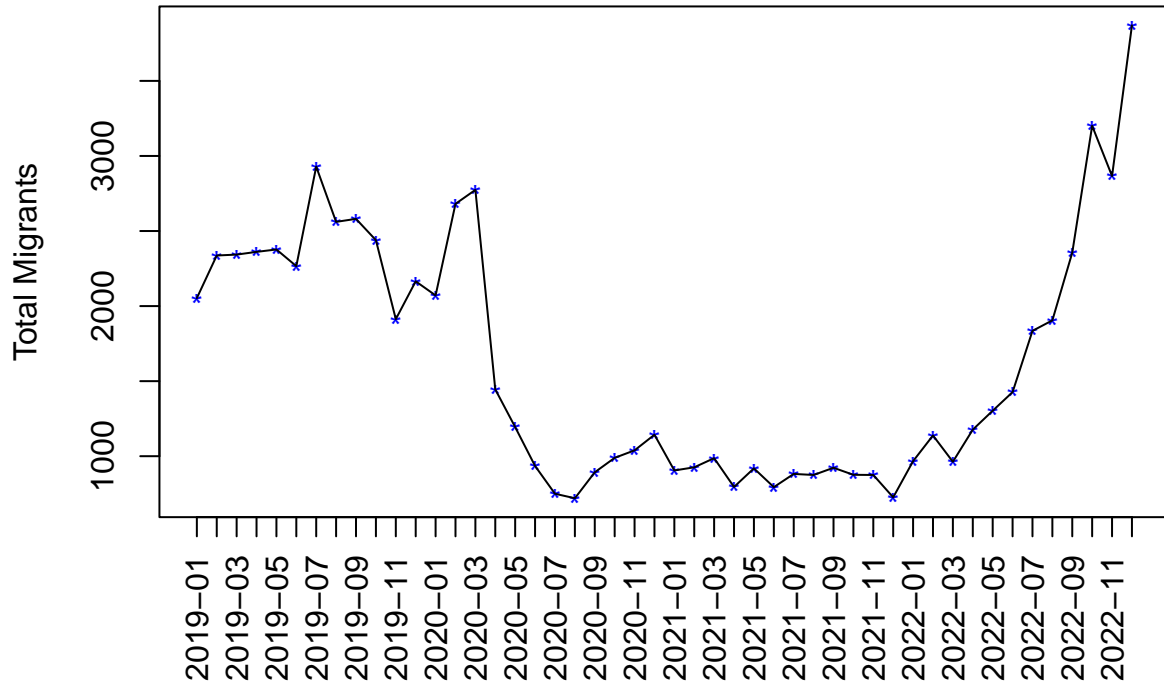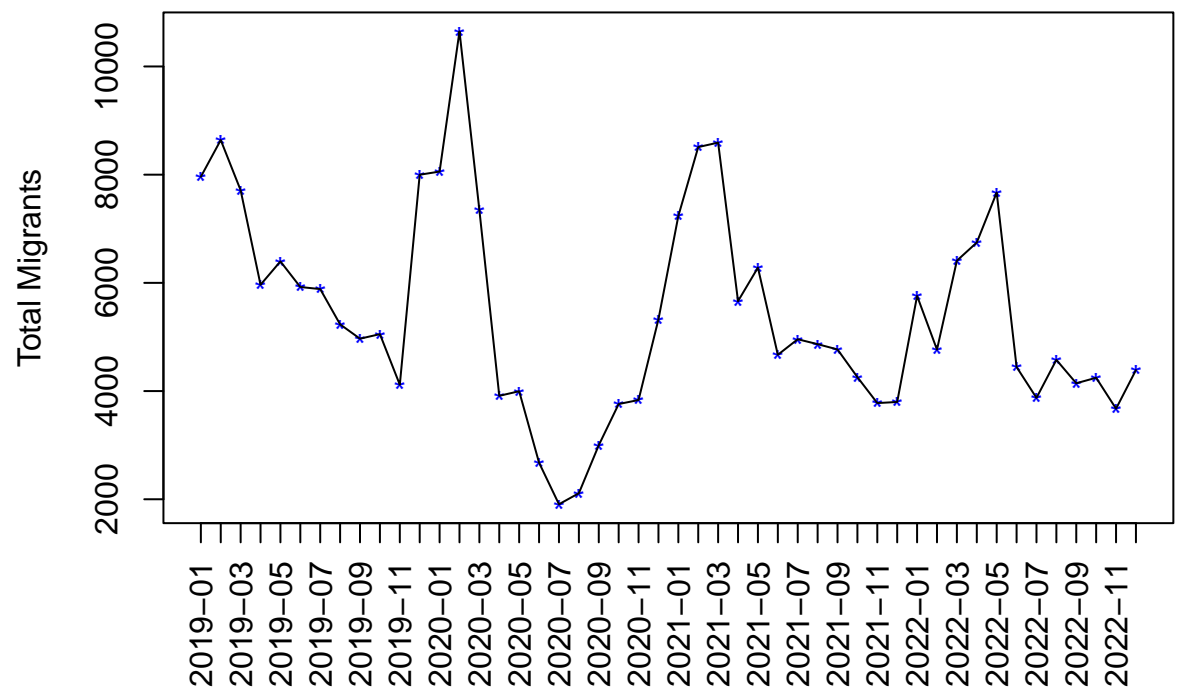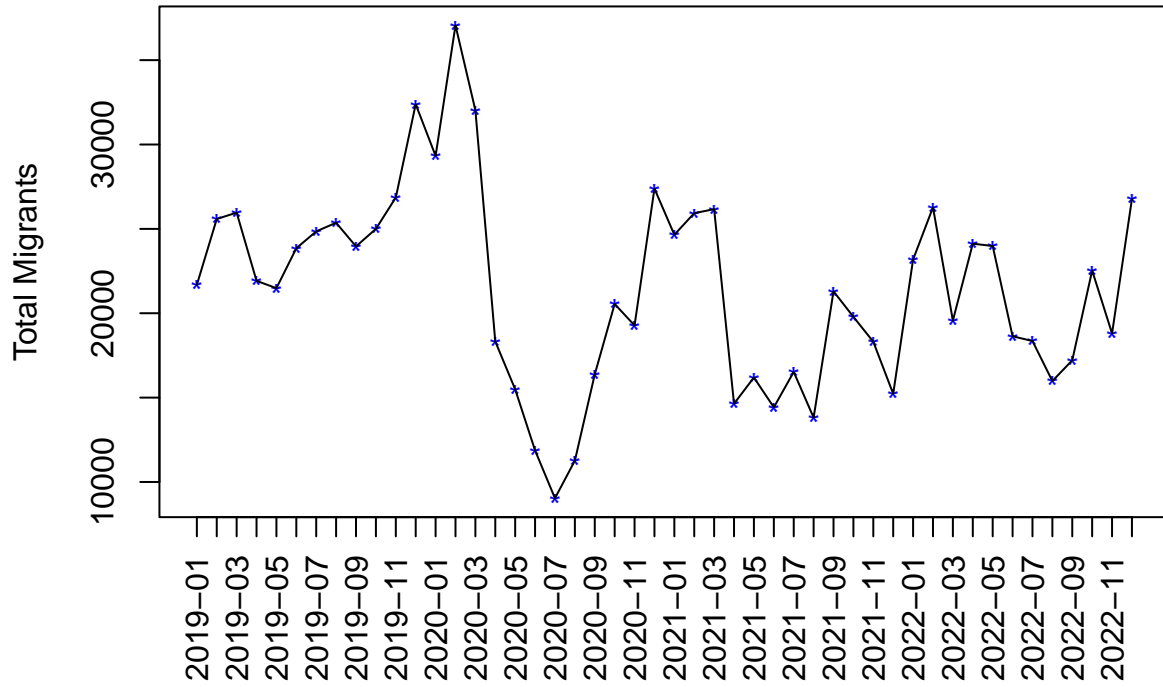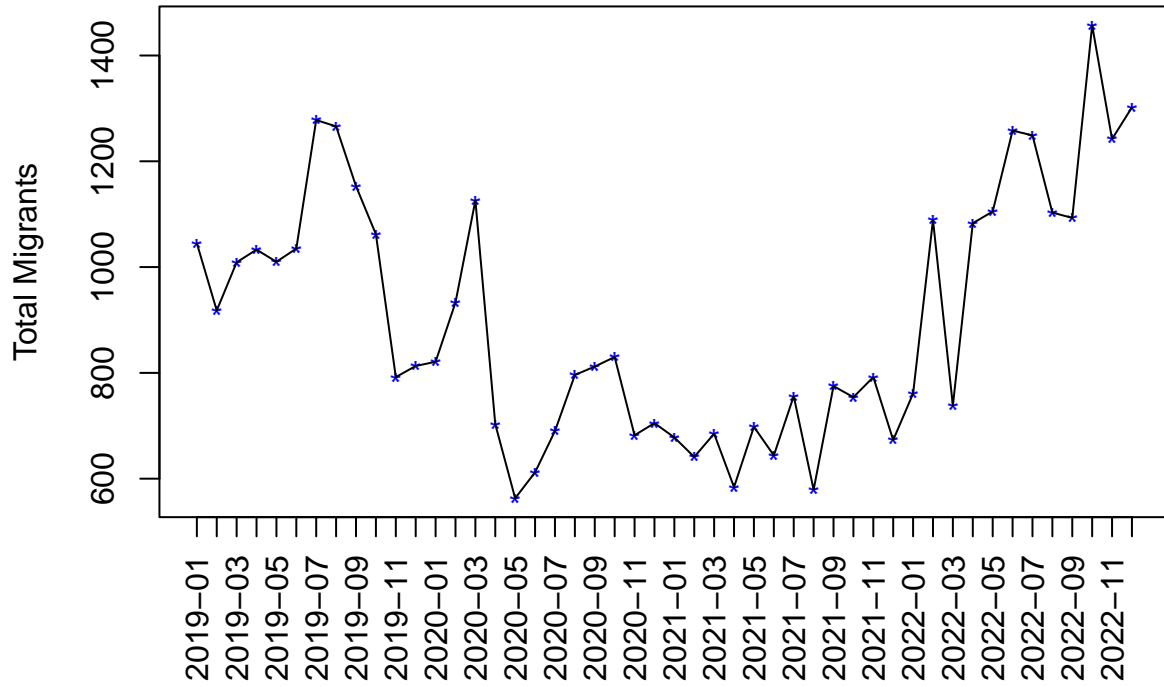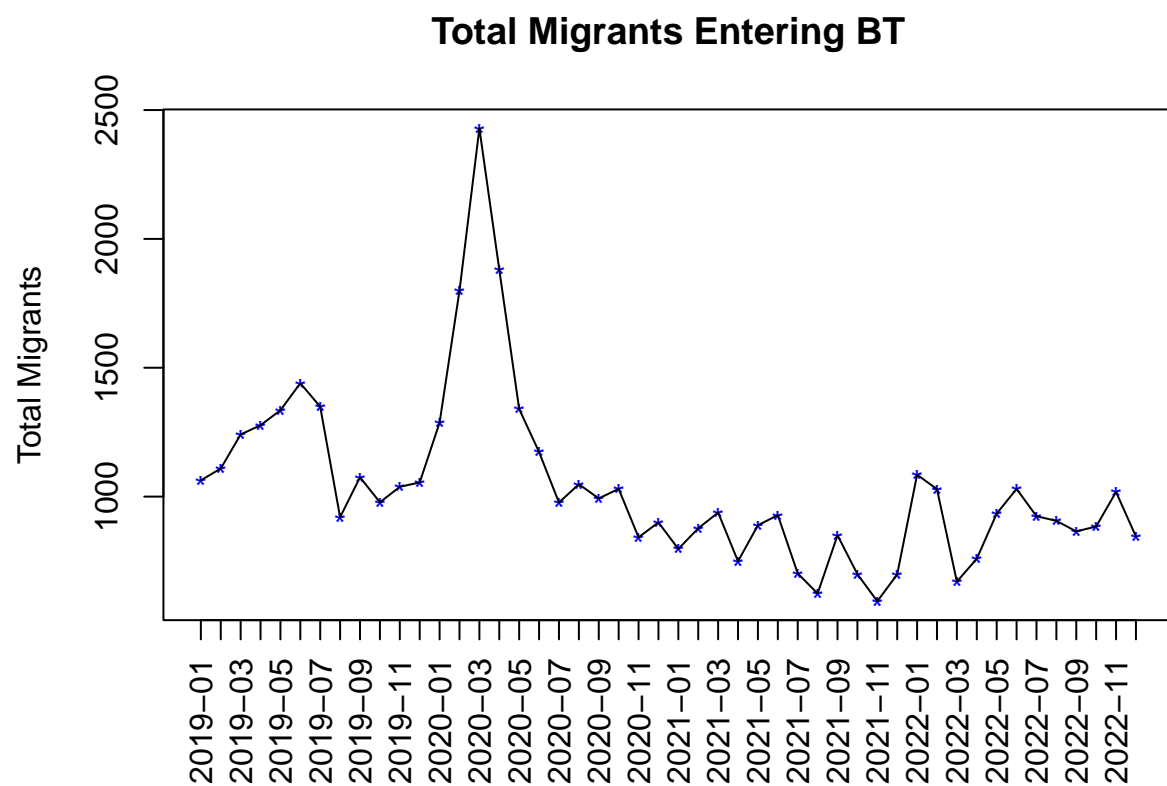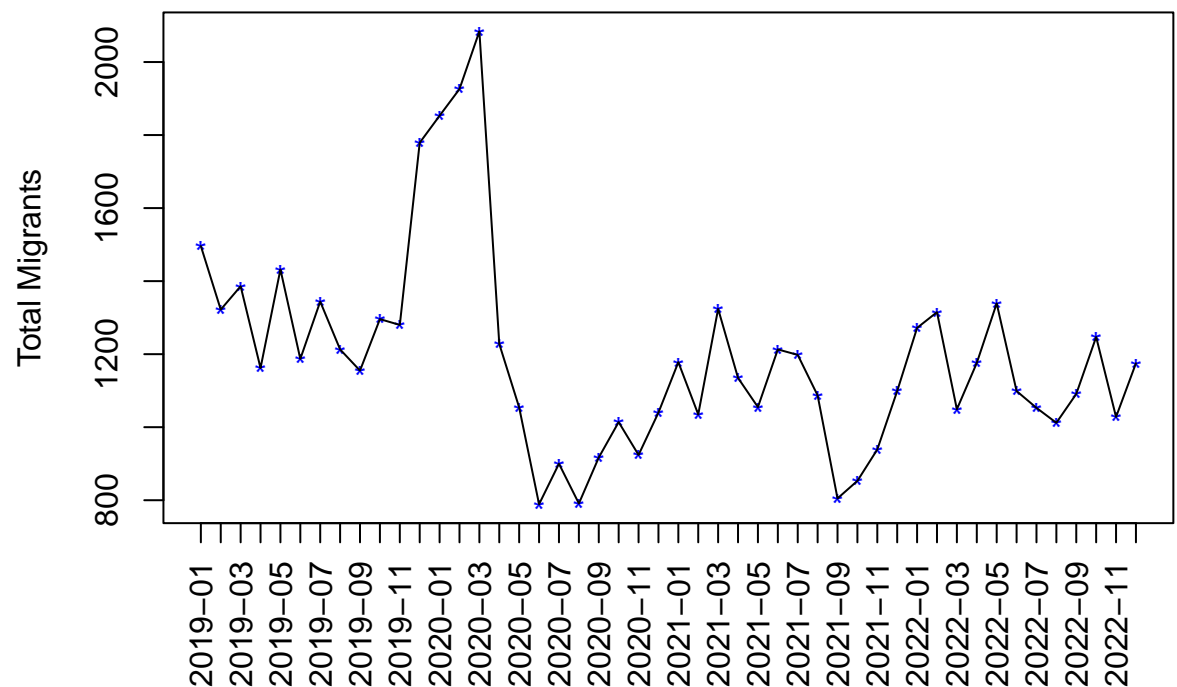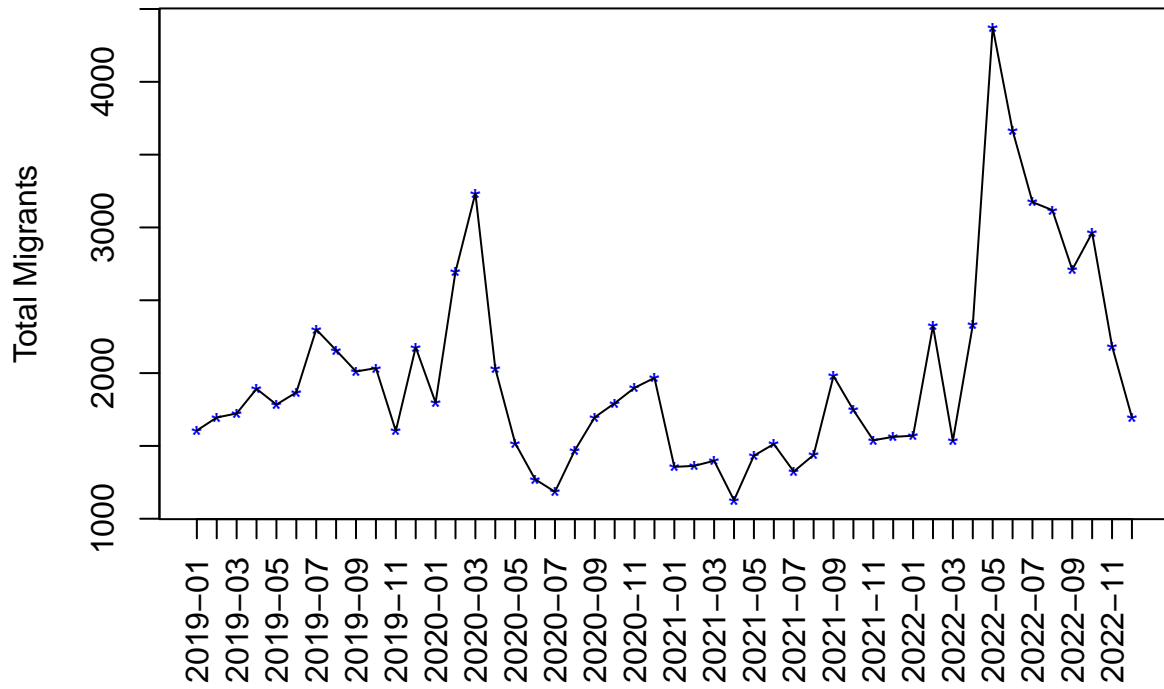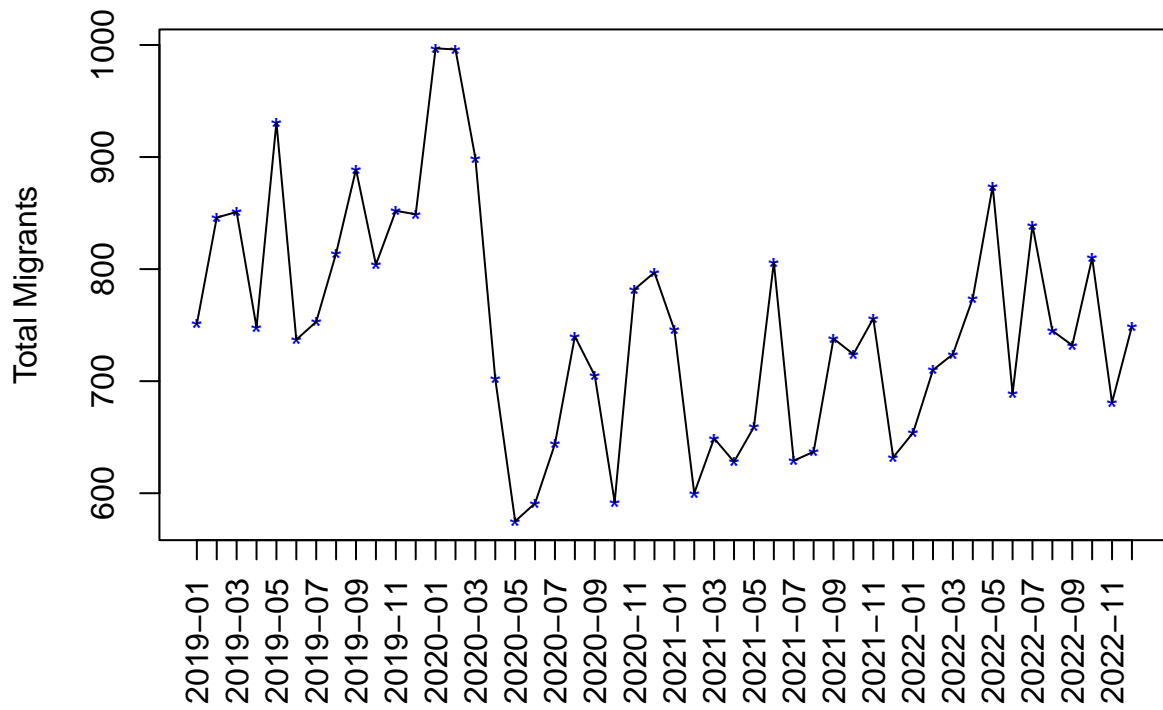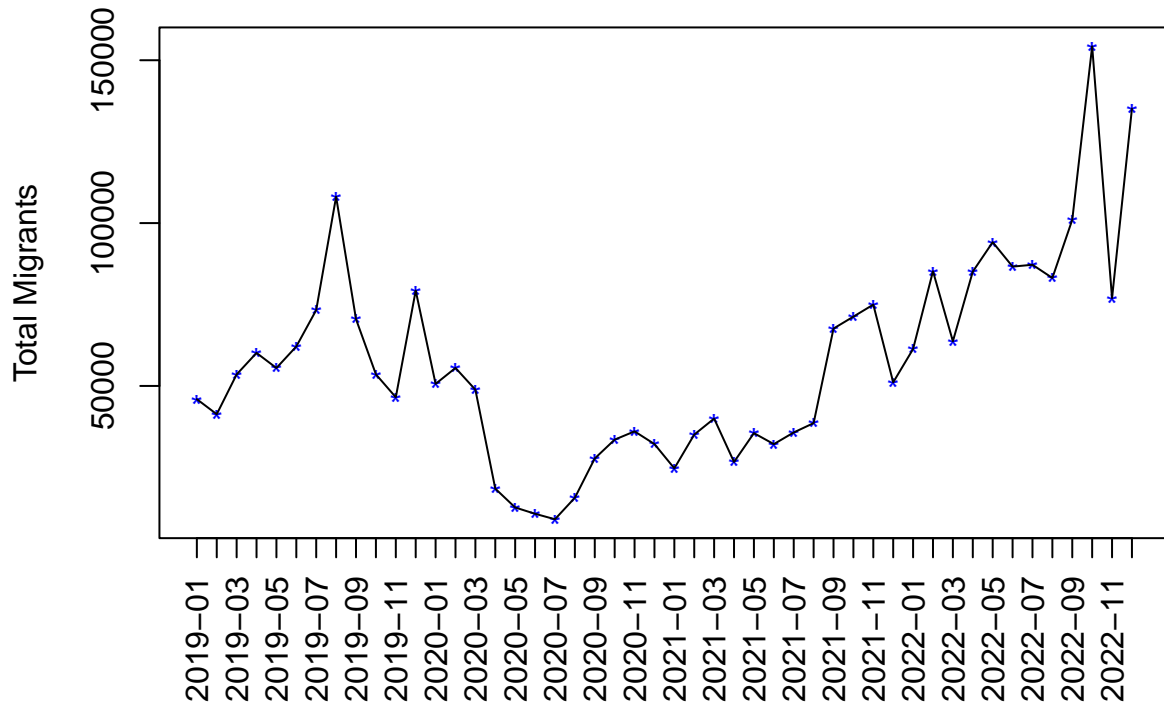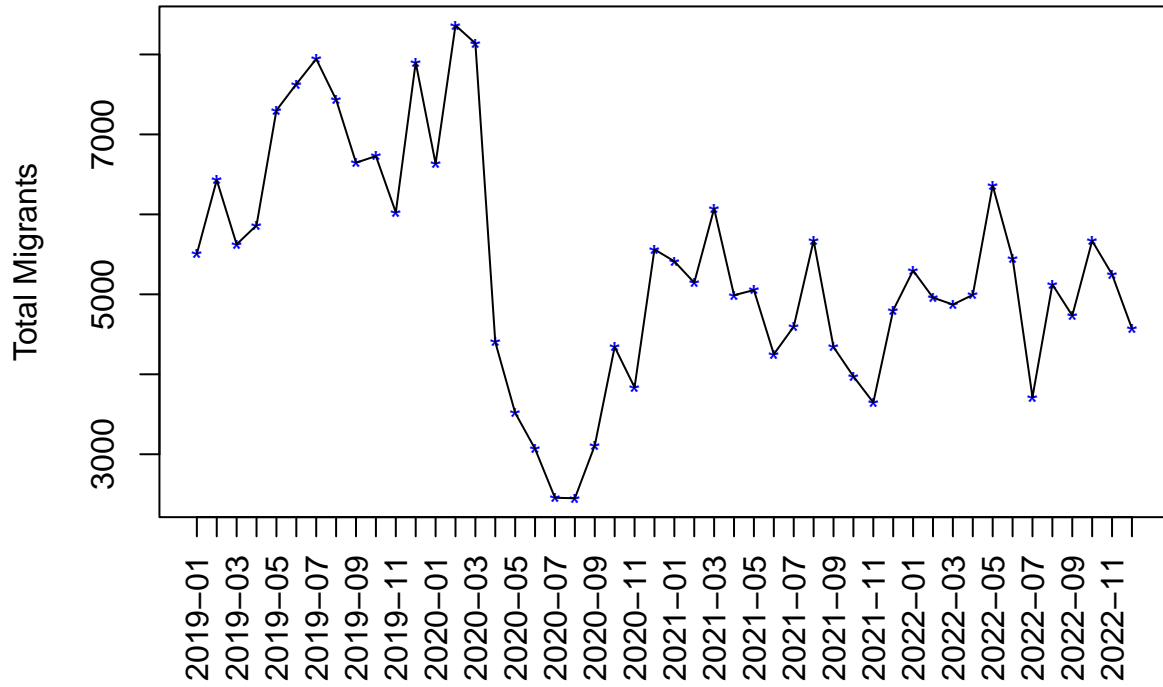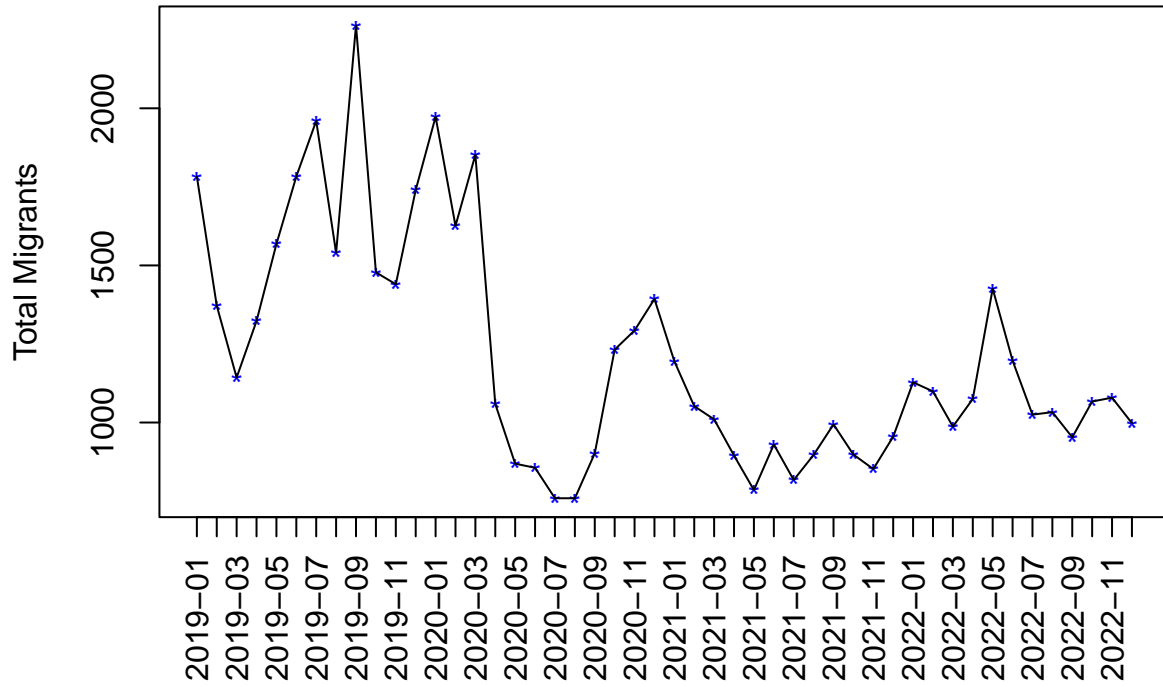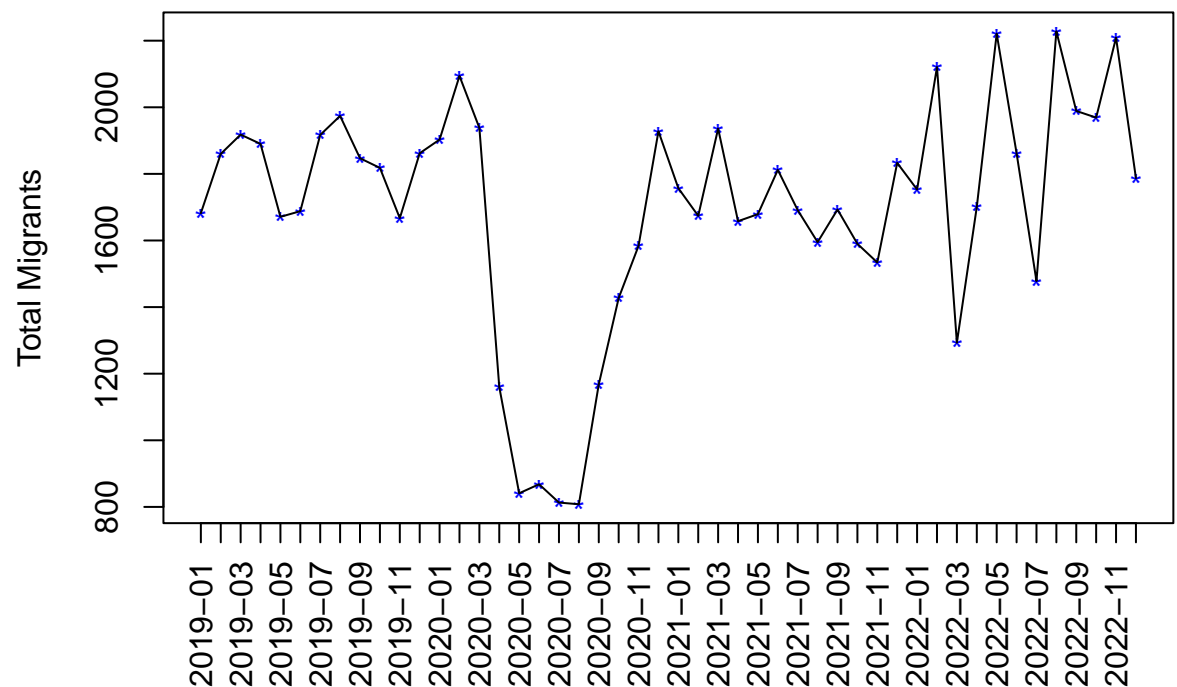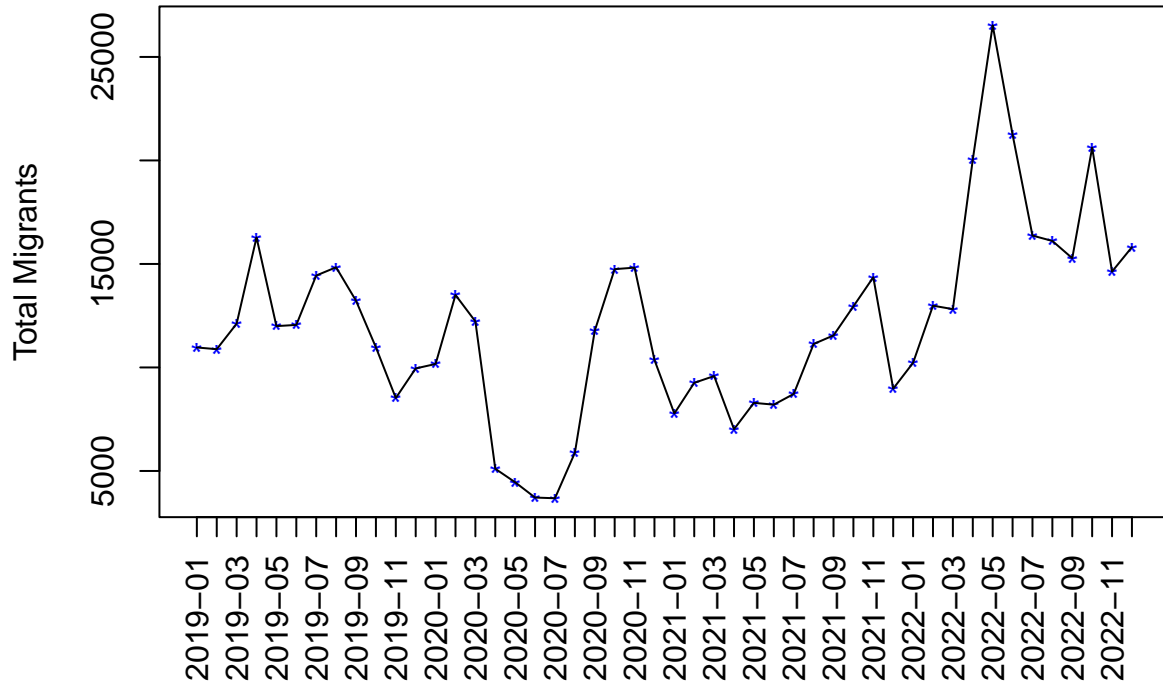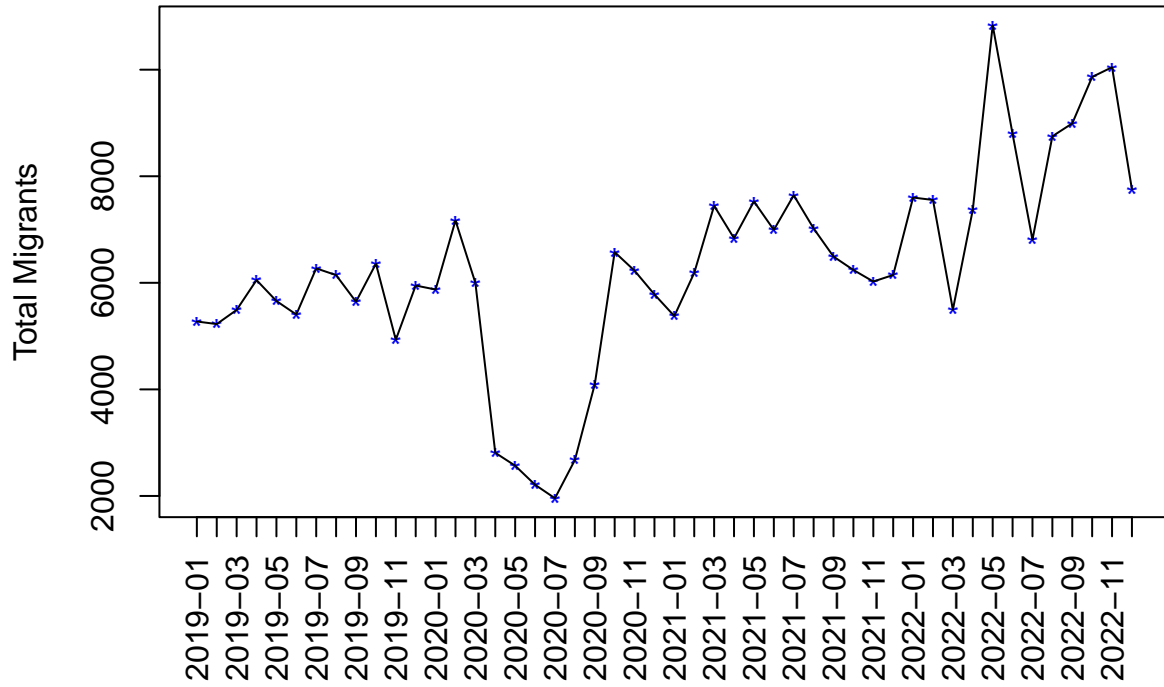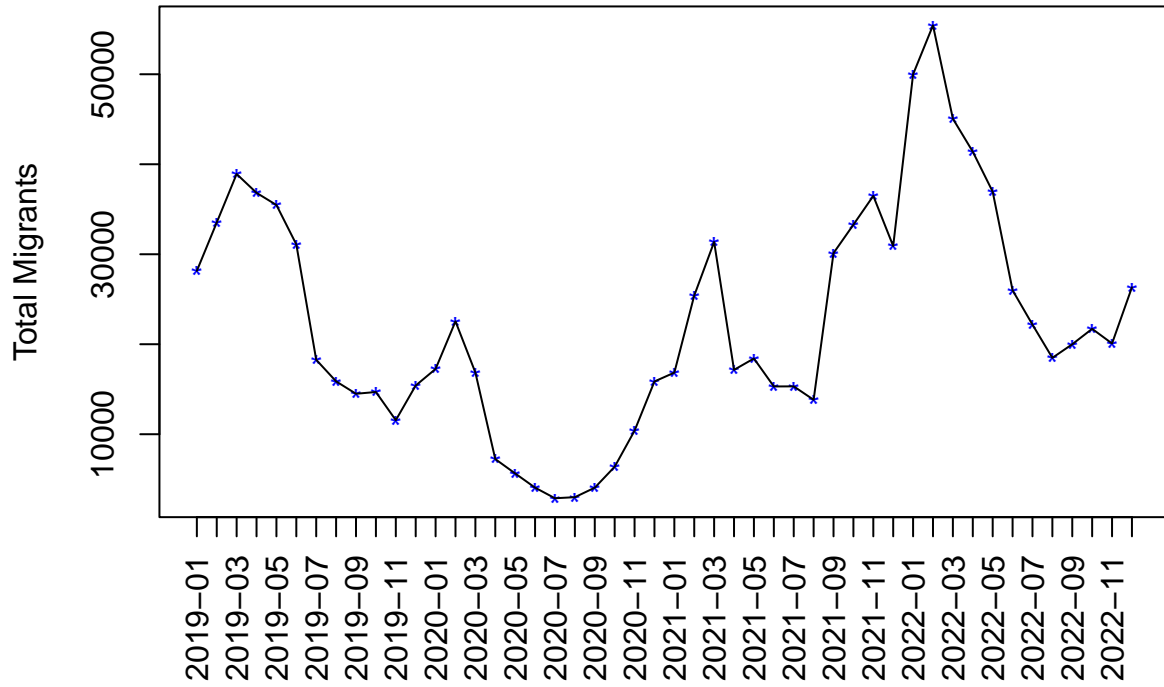# Total Migrants Entering BF
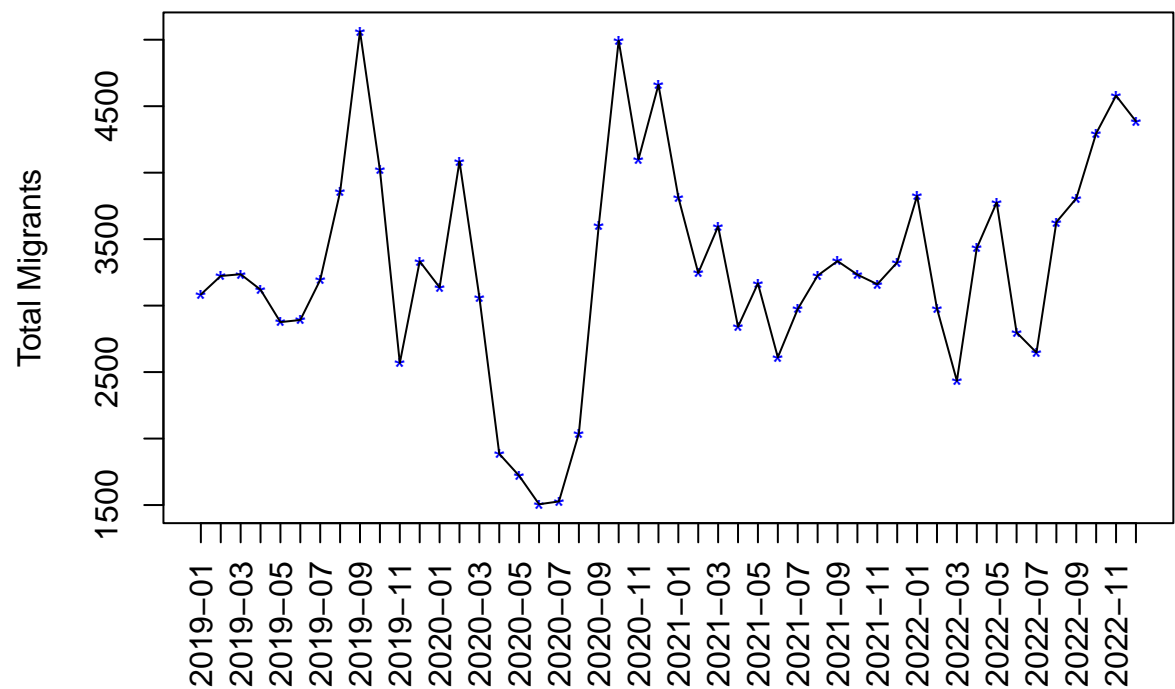
Total Migrants Entering BG
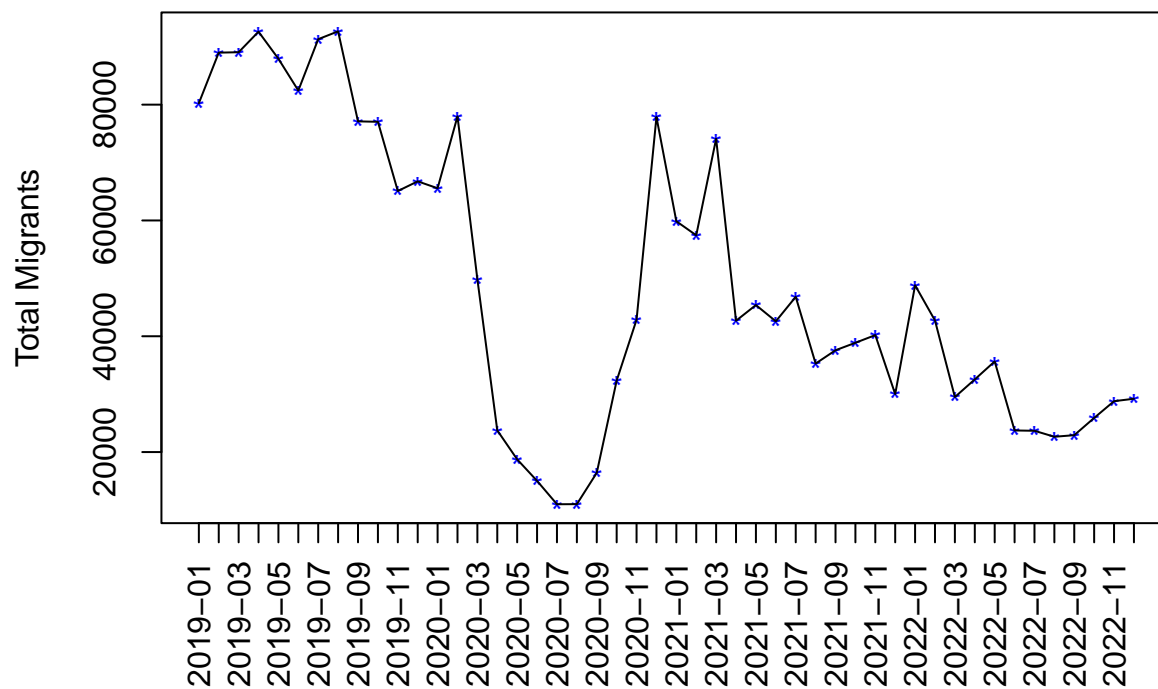
Total Migrants Entering BH
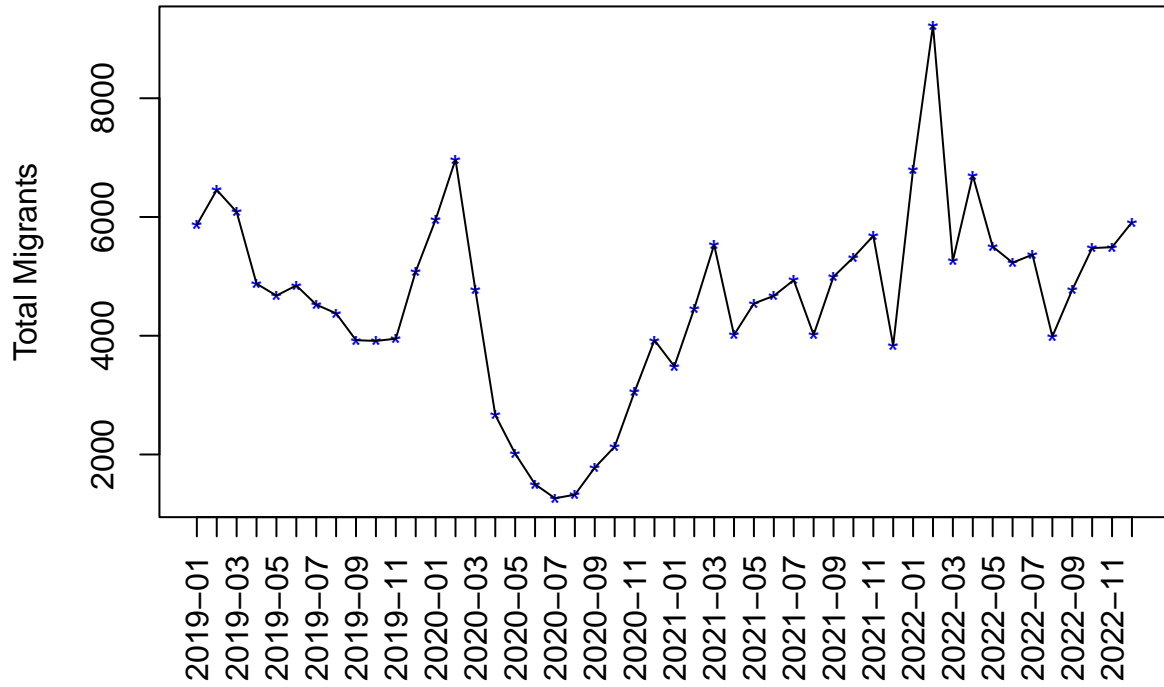
Total Migrants Entering BI
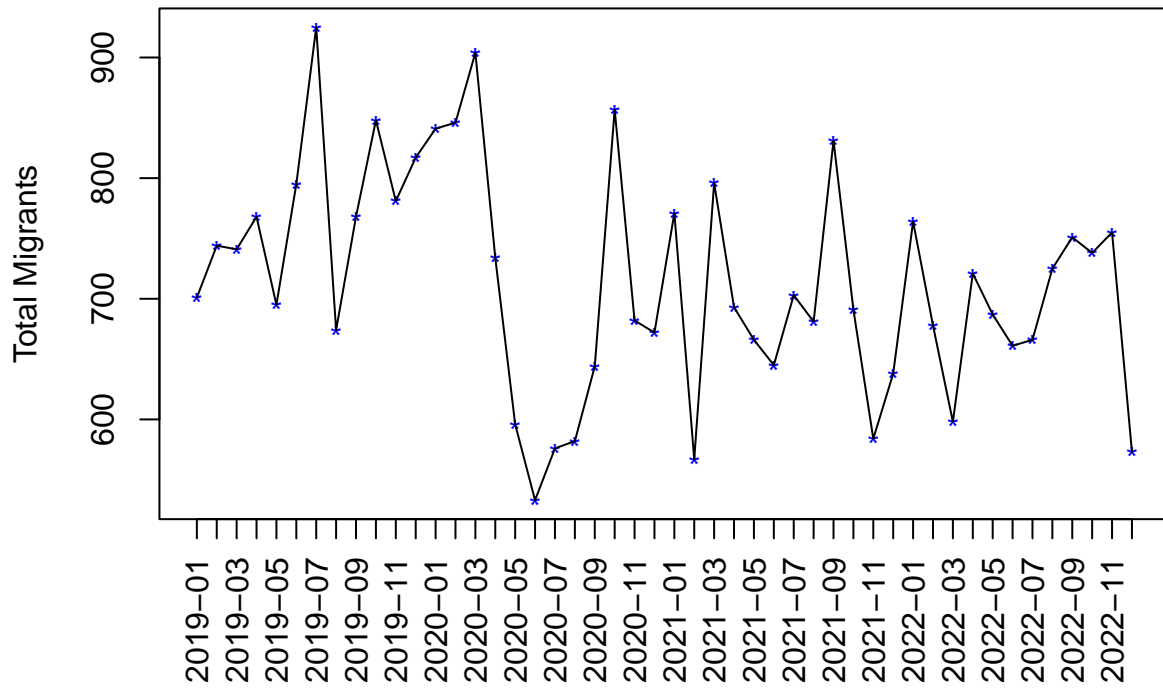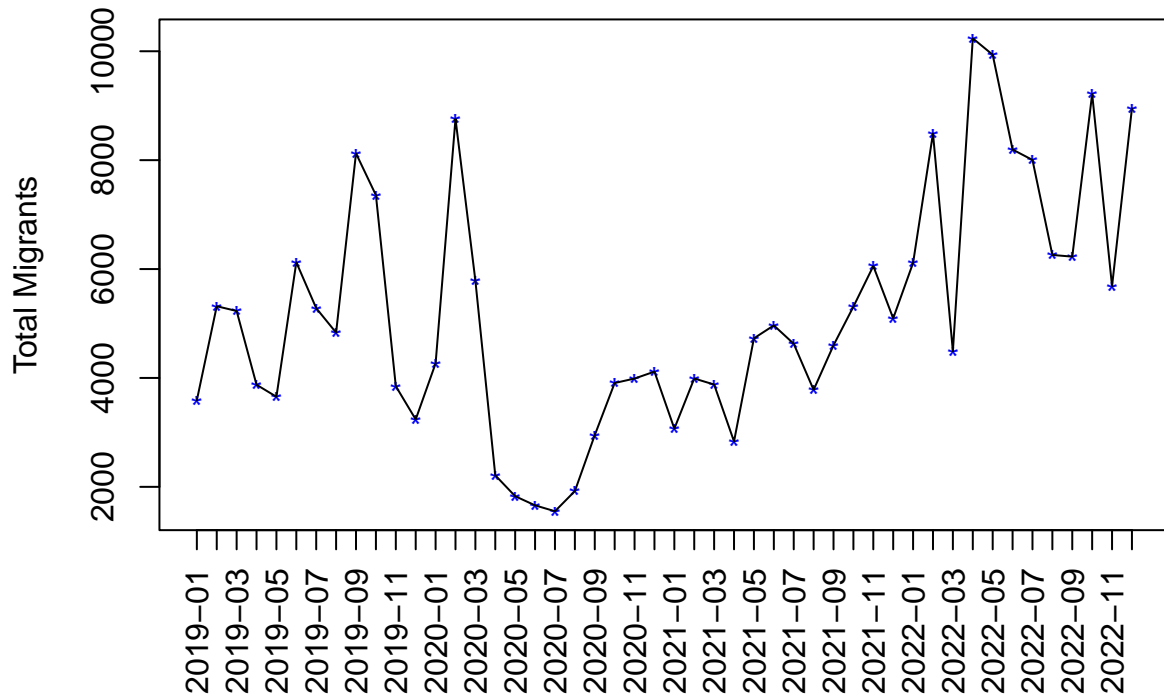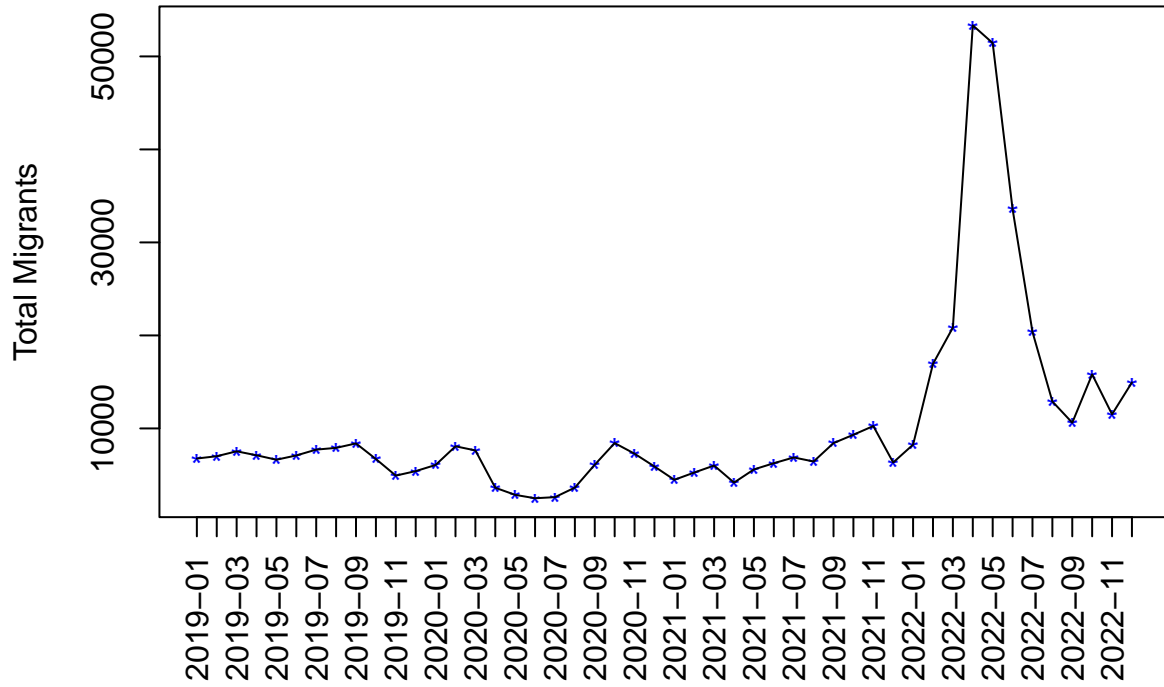
Total Migrants Entering BJ

Total Migrants Entering BN

Total Migrants Entering BO
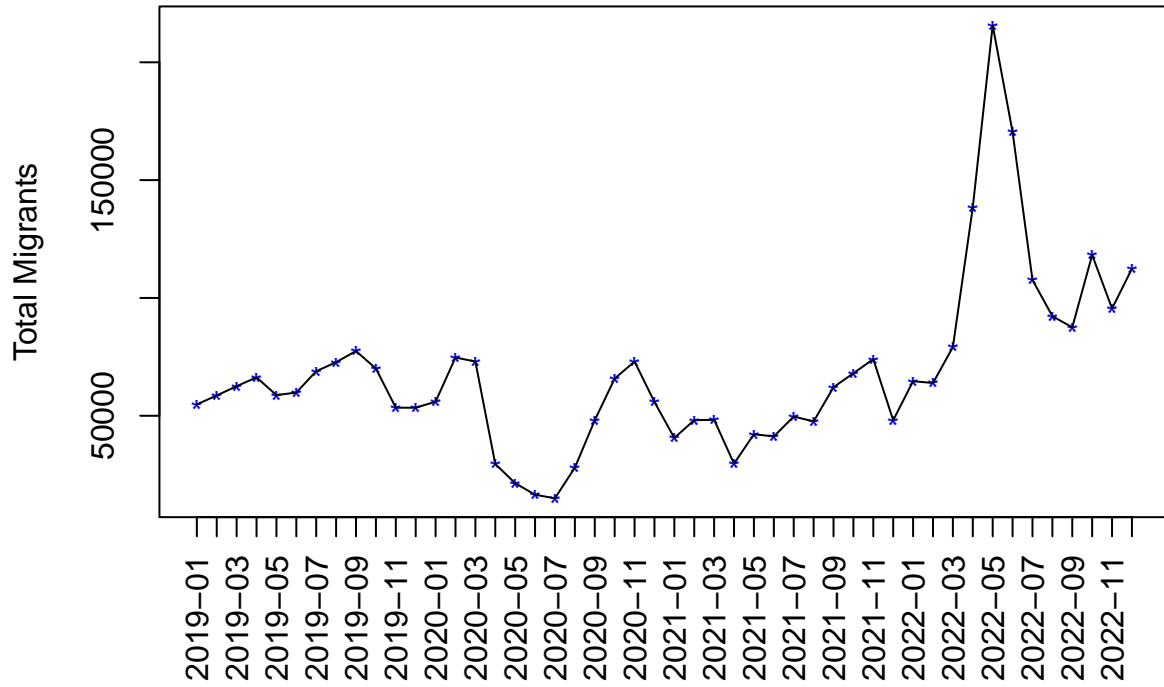
Total Migrants Entering BR

Total Migrants Entering BS

Total Migrants Entering BT

Total Migrants Entering BW

Total Migrants Entering BY

Total Migrants Entering BZ

Total Migrants Entering CA
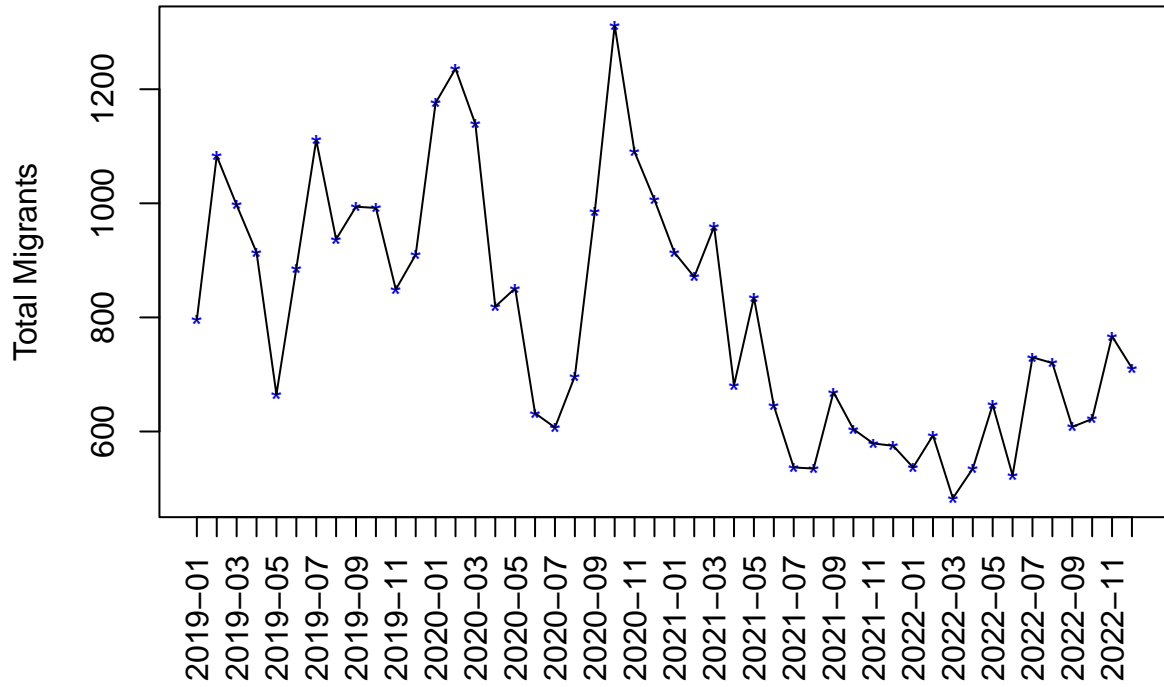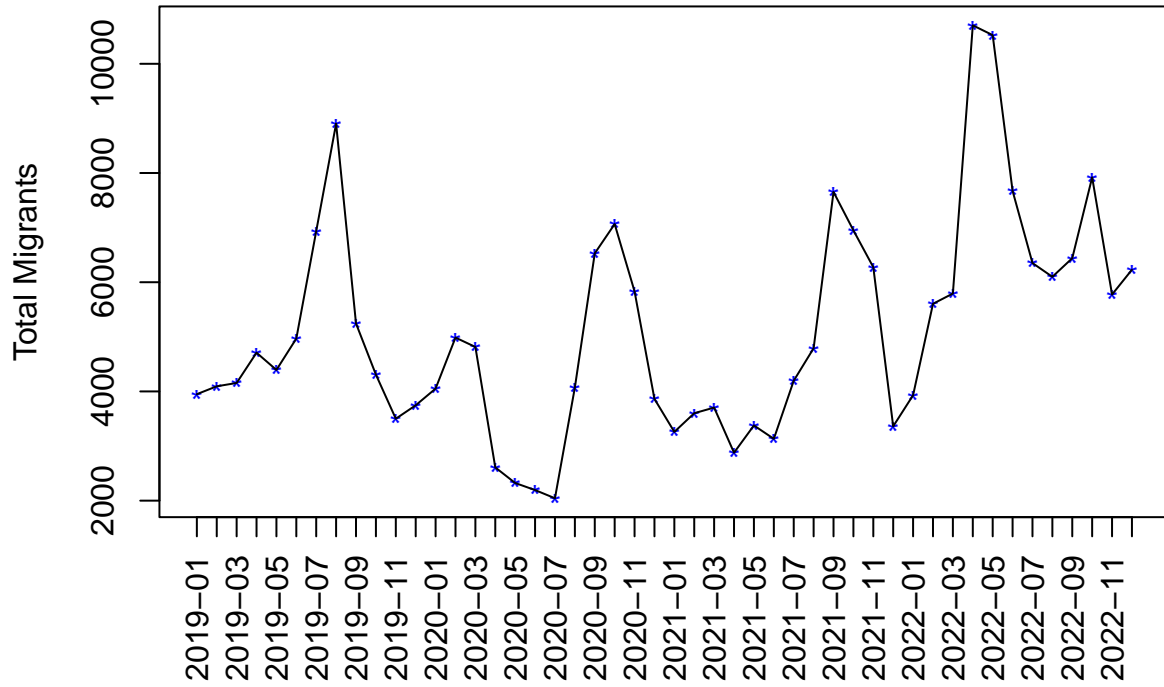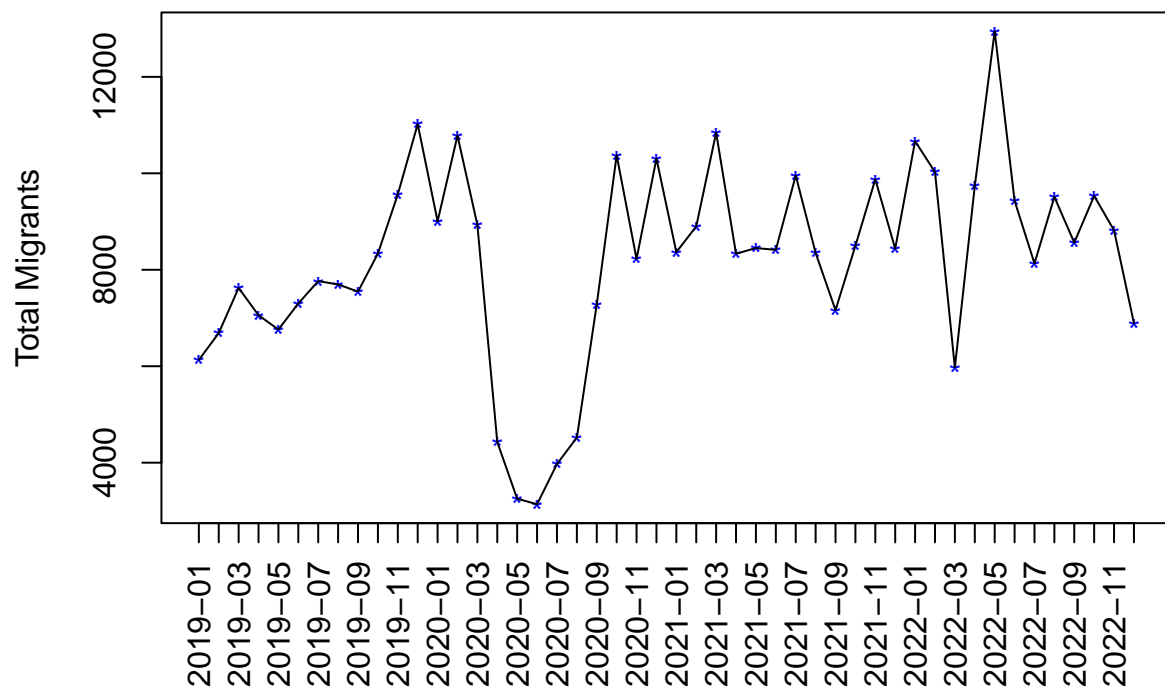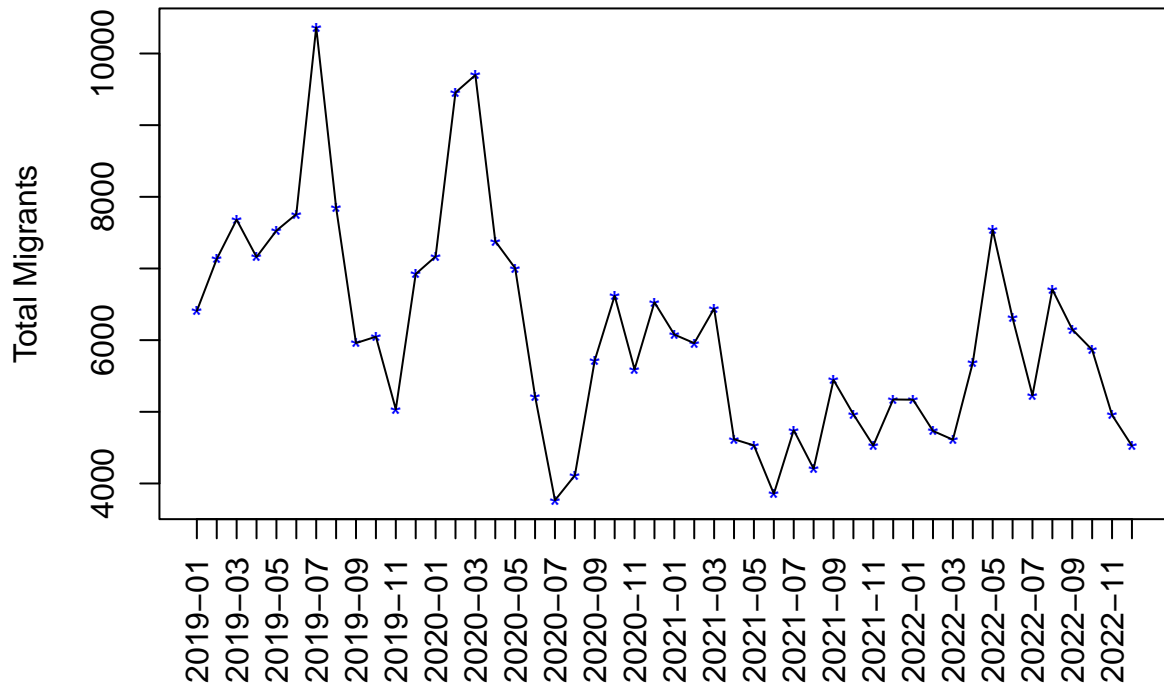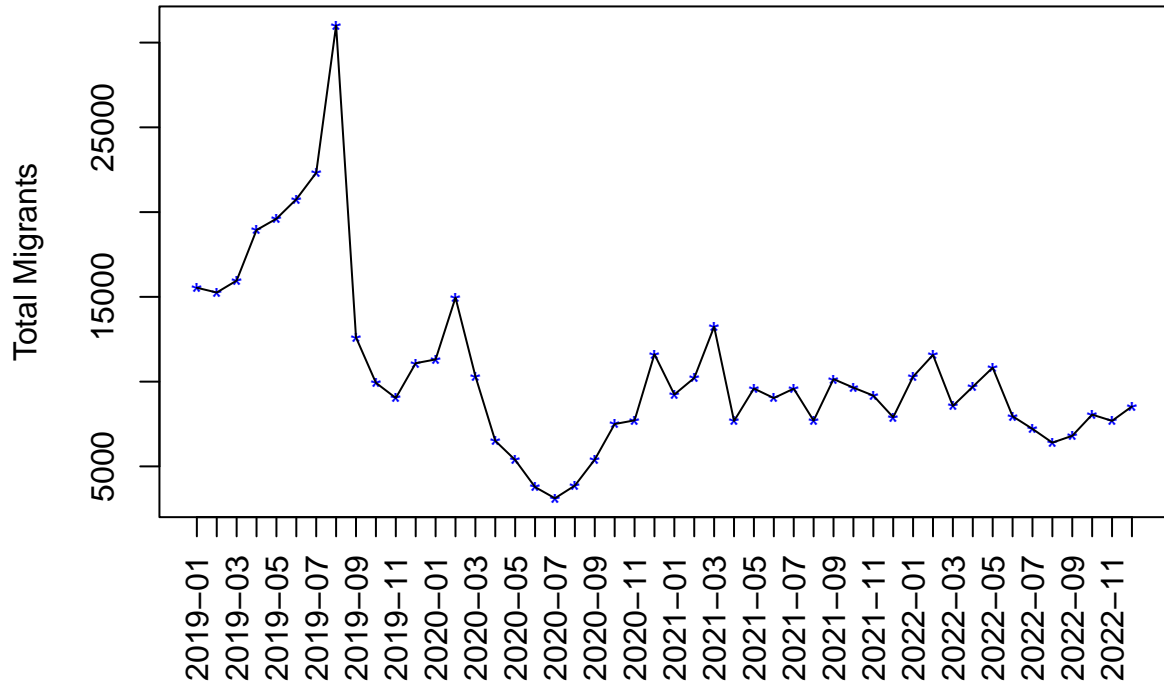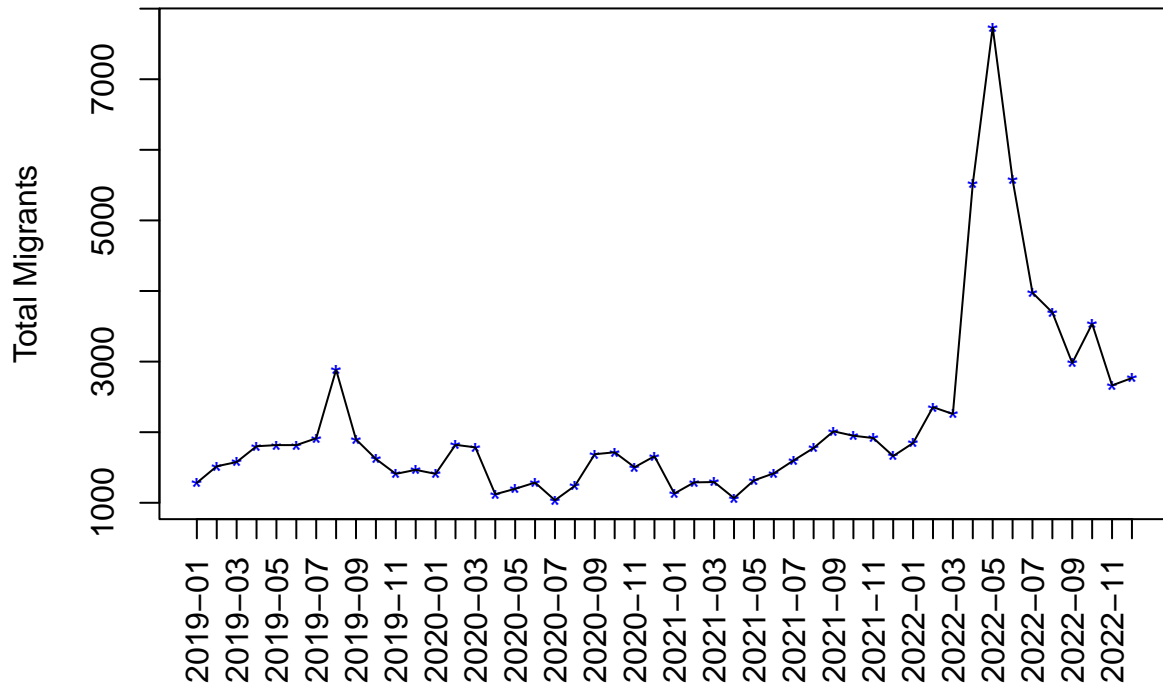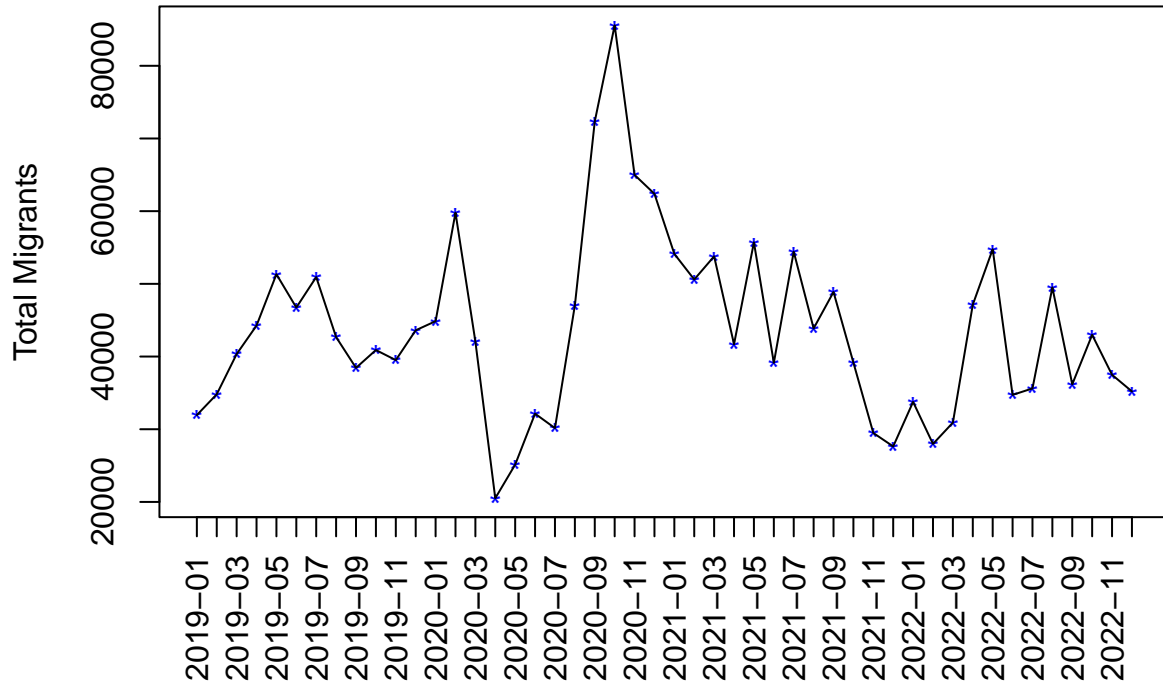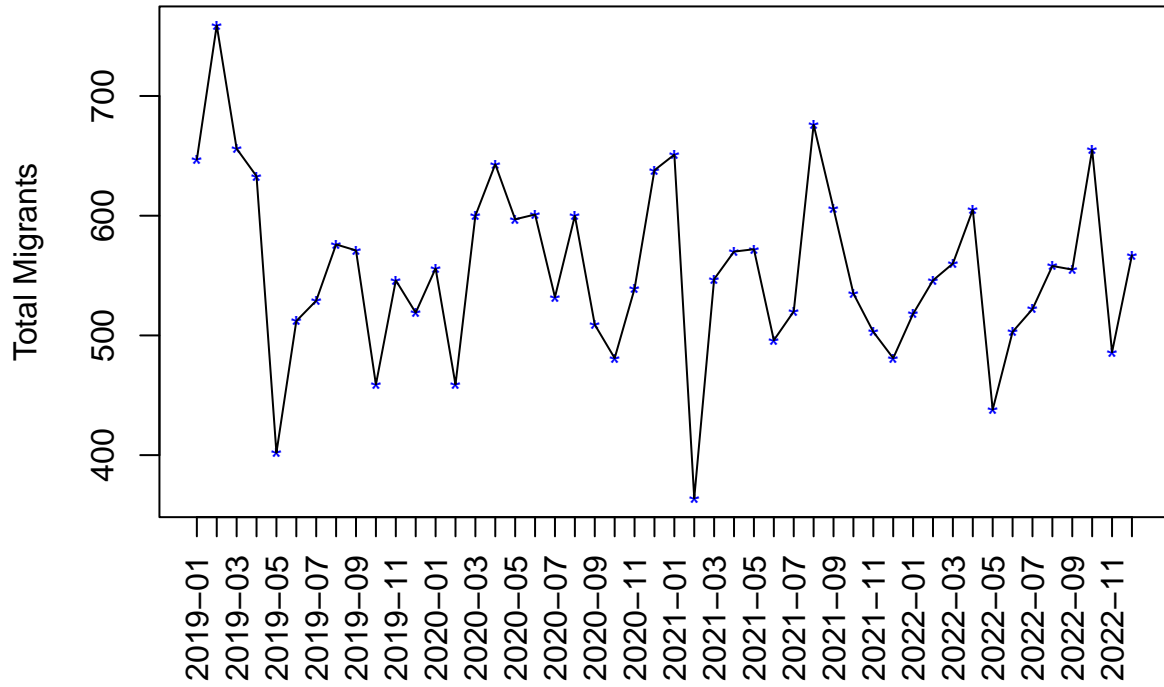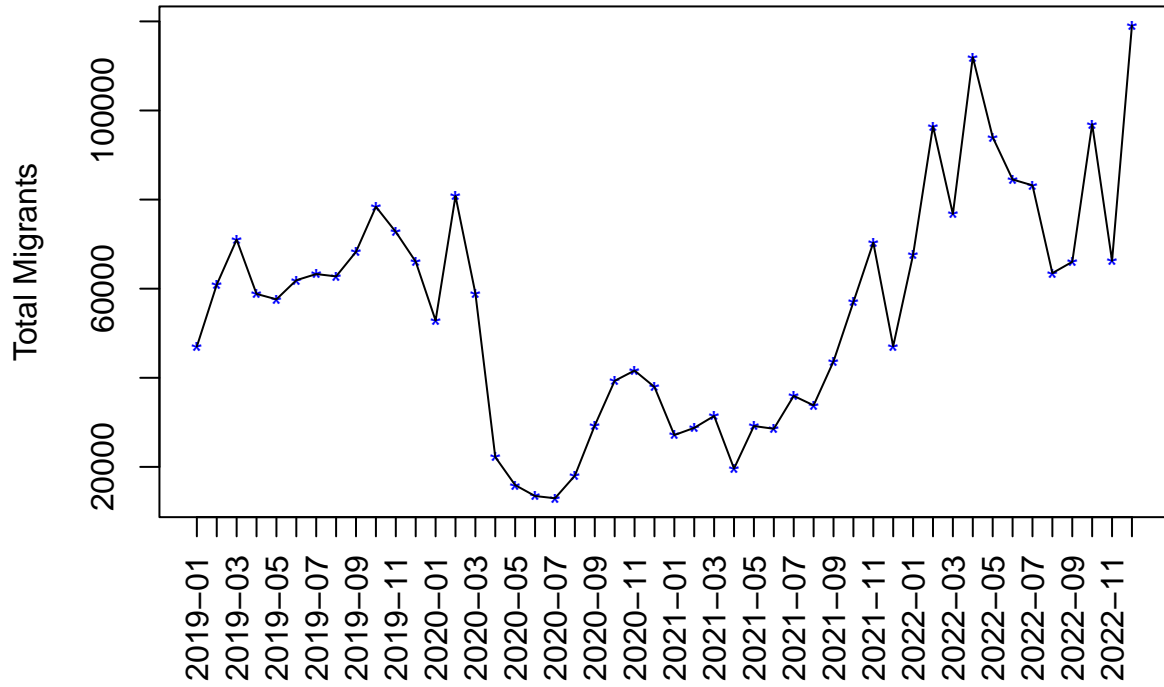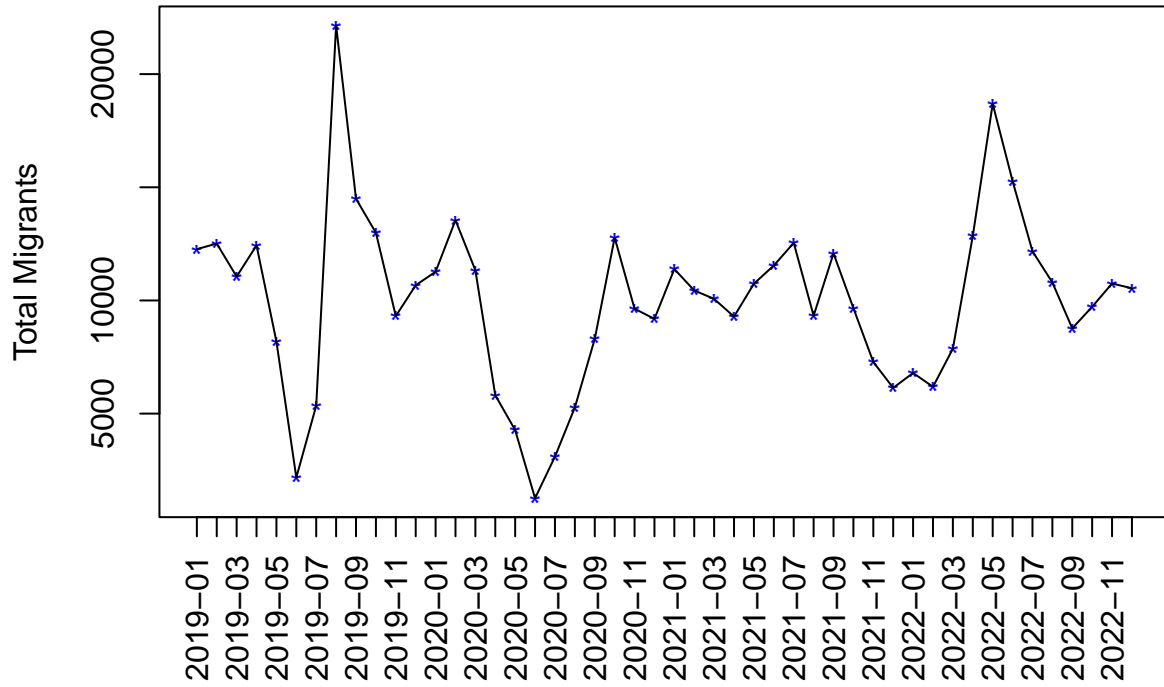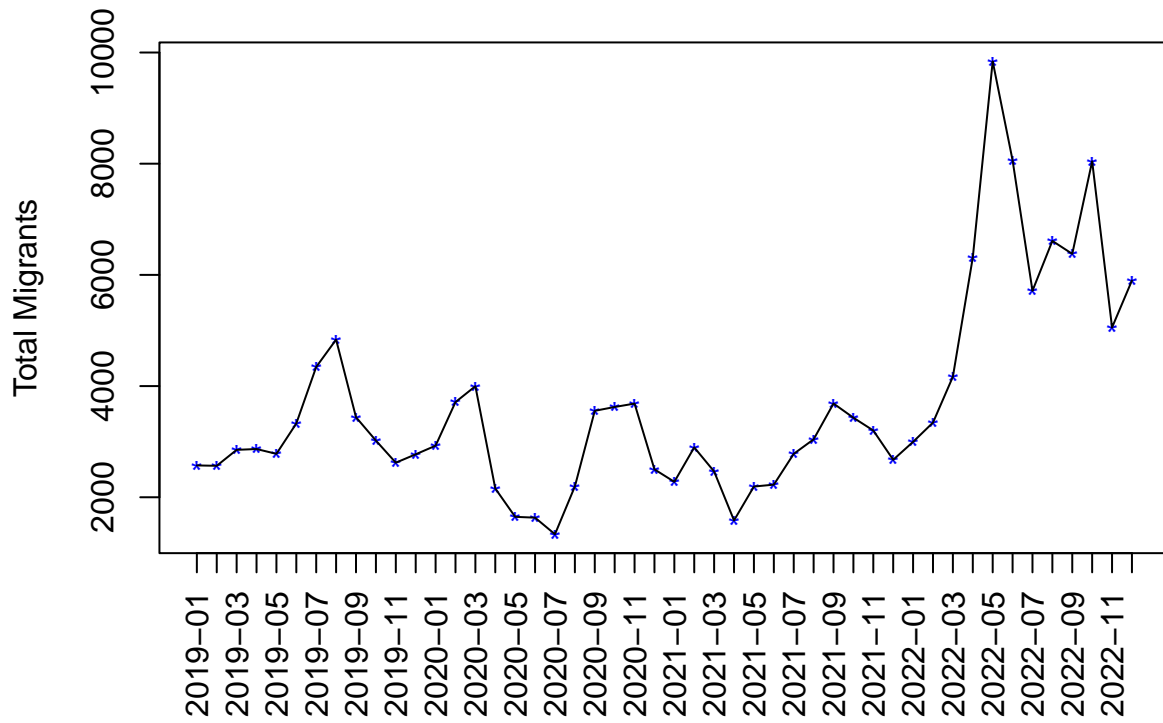
Total Migrants Entering CD

Total Migrants Entering CF

Total Migrants Entering CG

Total Migrants Entering CH

Total Migrants Entering CI

Total Migrants Entering CL

Total Migrants Entering CM

Total Migrants Entering CO
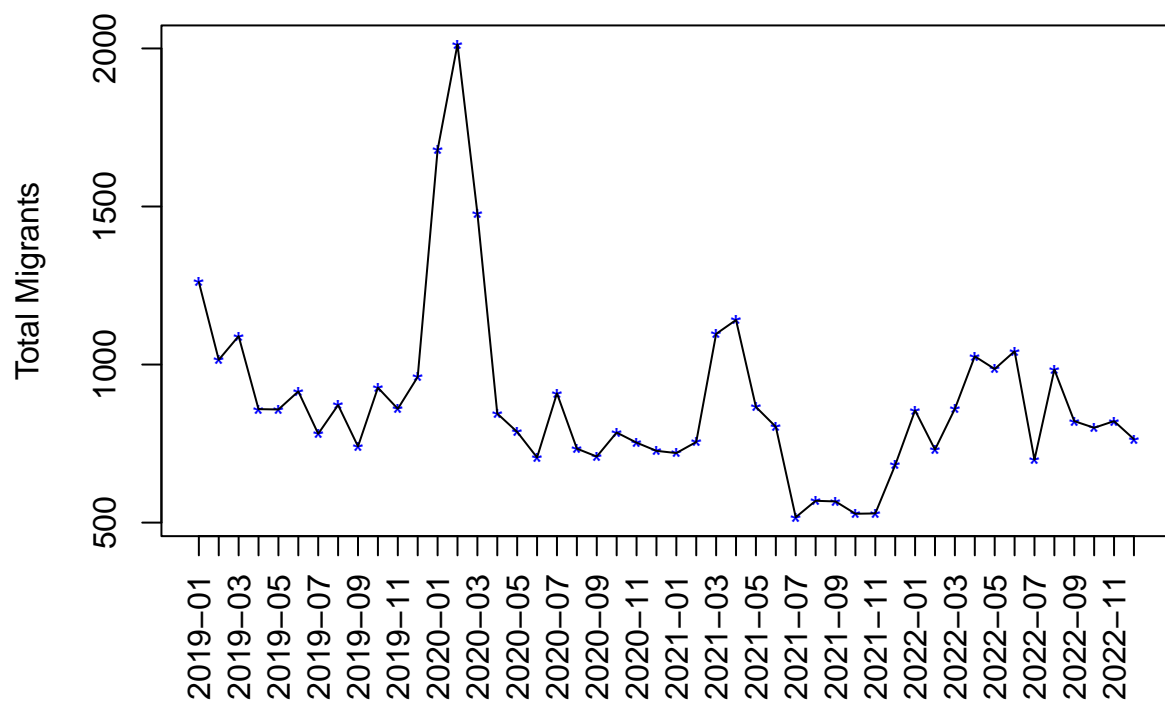
Total Migrants Entering CR
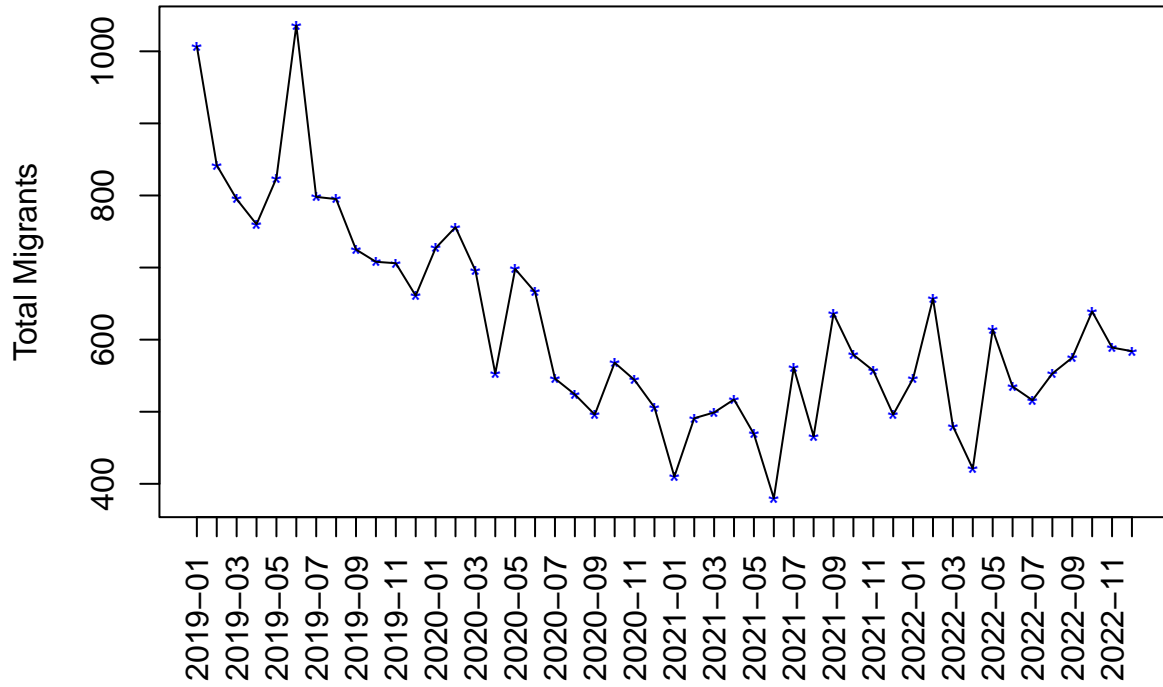
Total Migrants Entering CV

Total Migrants Entering CY

Total Migrants Entering CZ
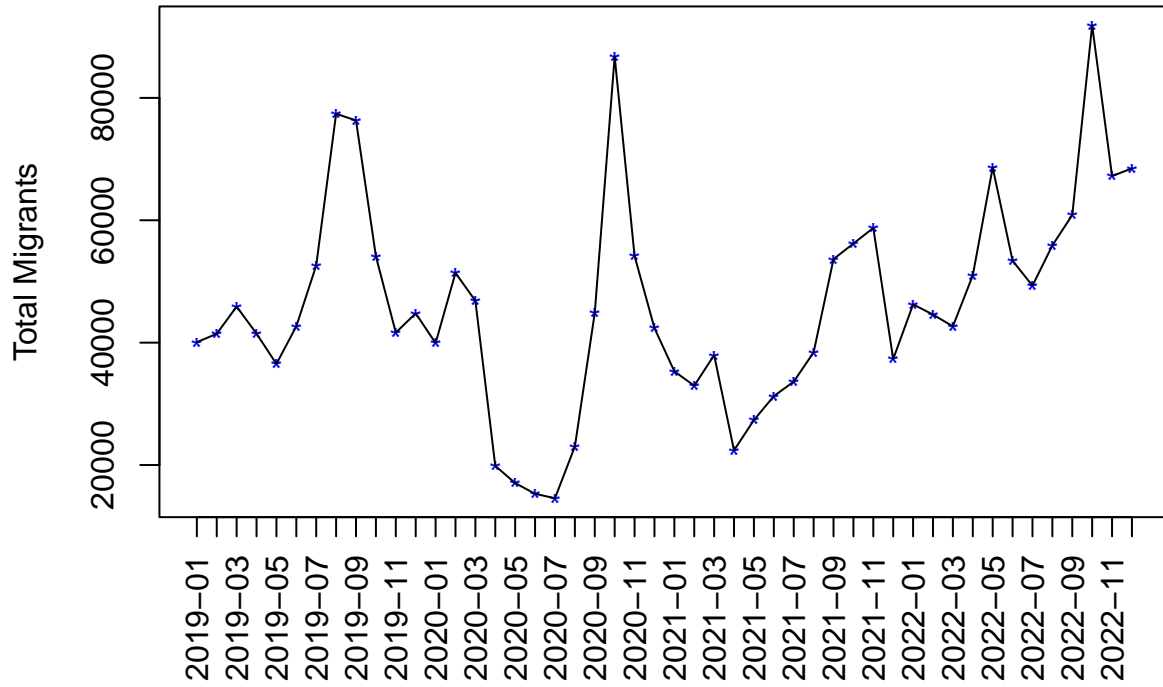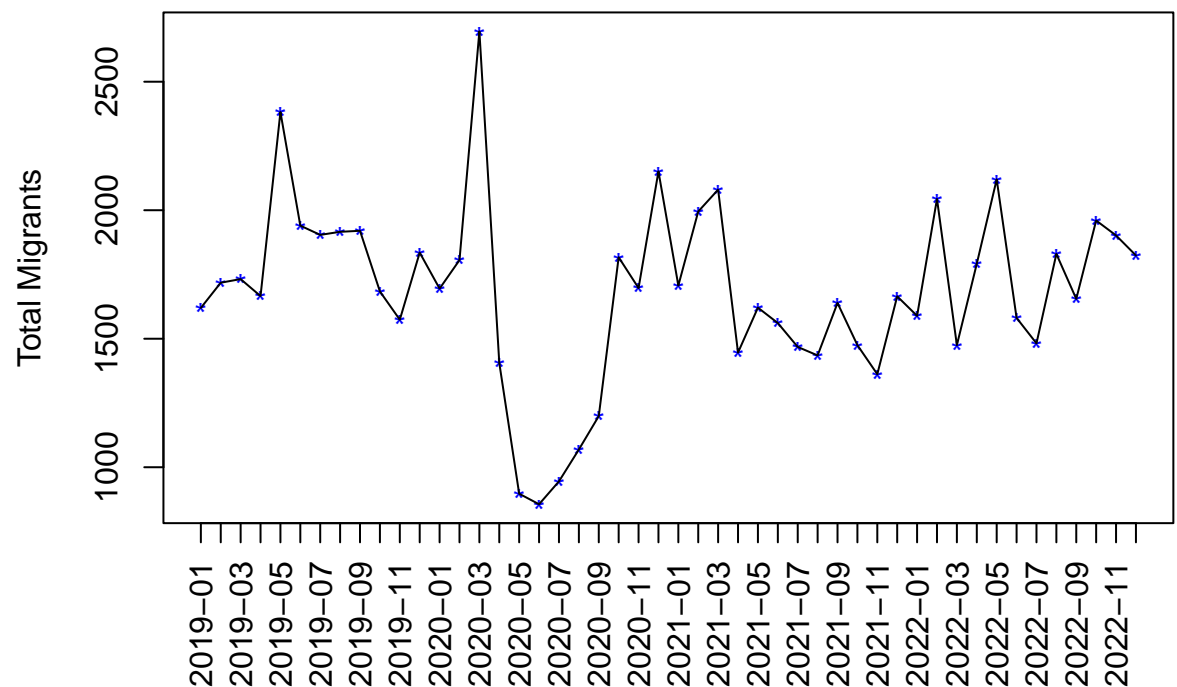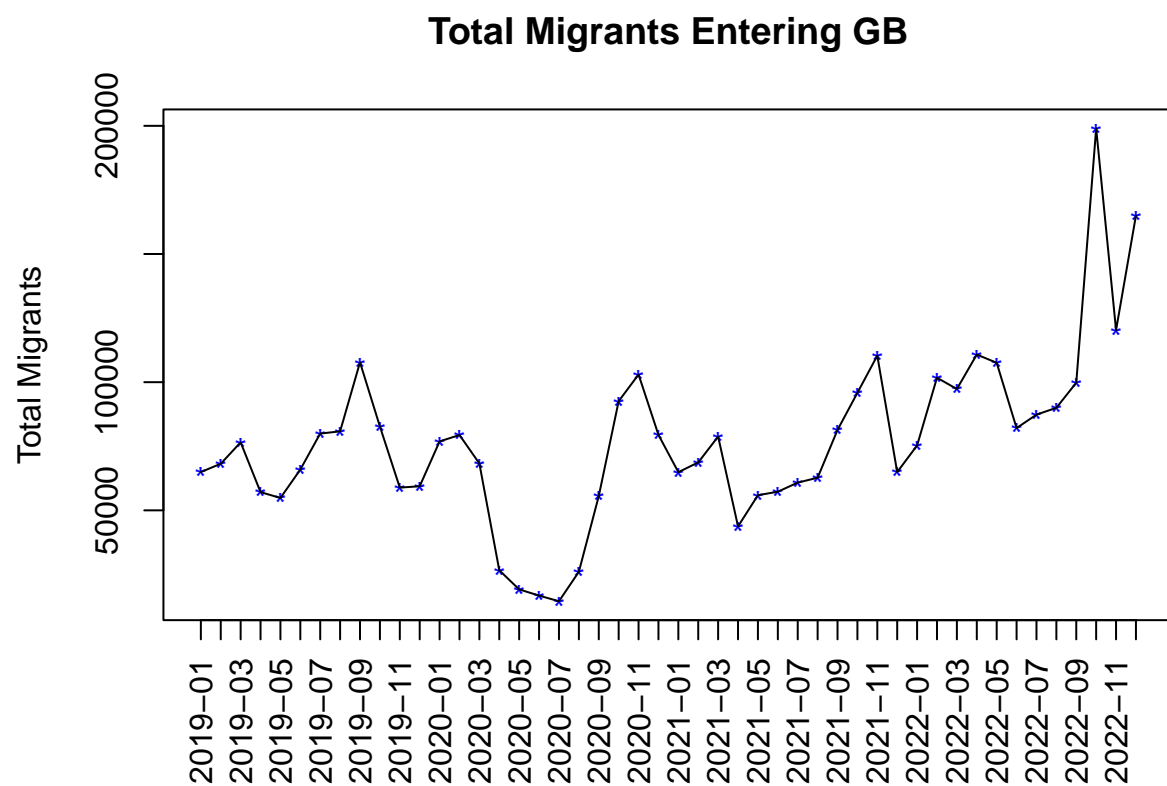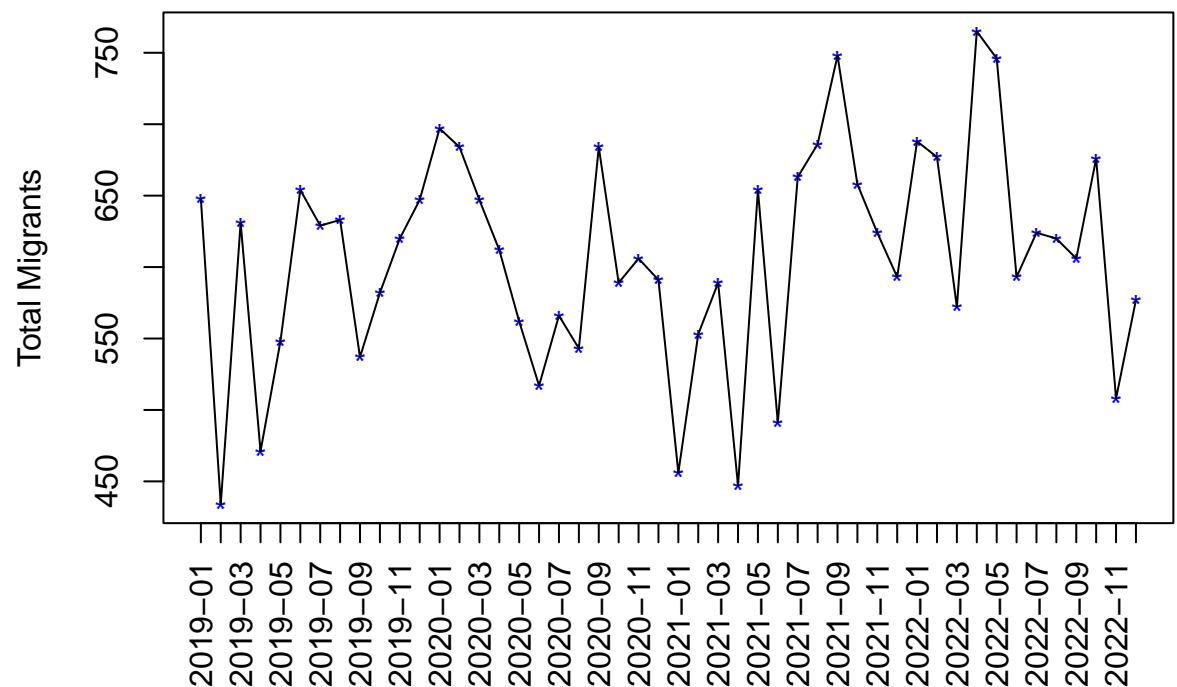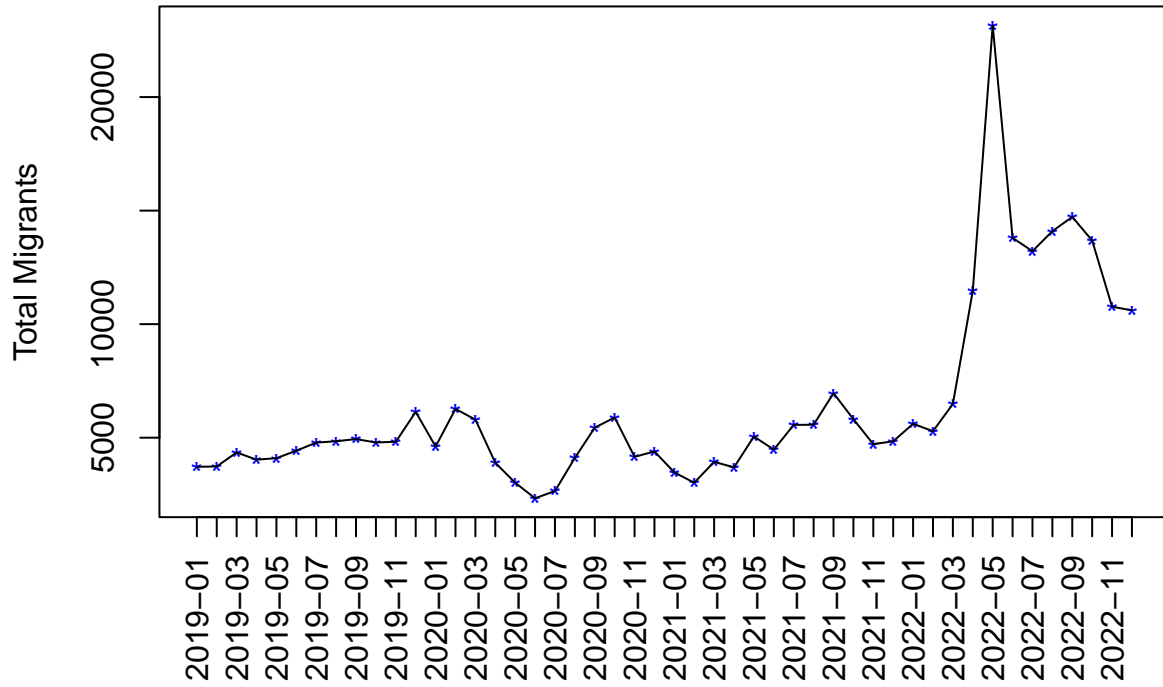
Total Migrants Entering DE

Total Migrants Entering DJ

Total Migrants Entering DK

Total Migrants Entering DO

Total Migrants Entering DZ

Total Migrants Entering EC

Total Migrants Entering EE

Total Migrants Entering EG

Total Migrants Entering ER

Total Migrants Entering ES

Total Migrants Entering ET

Total Migrants Entering FI

Total Migrants Entering FJ

Total Migrants Entering FM

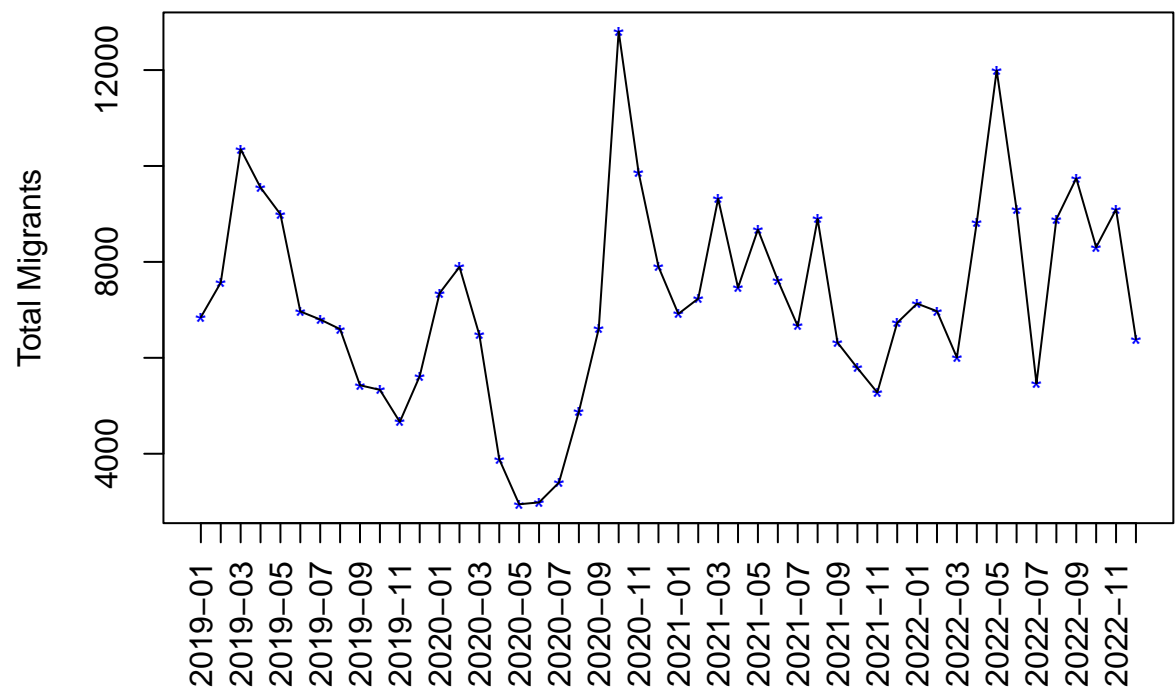# Total Migrants Entering FR

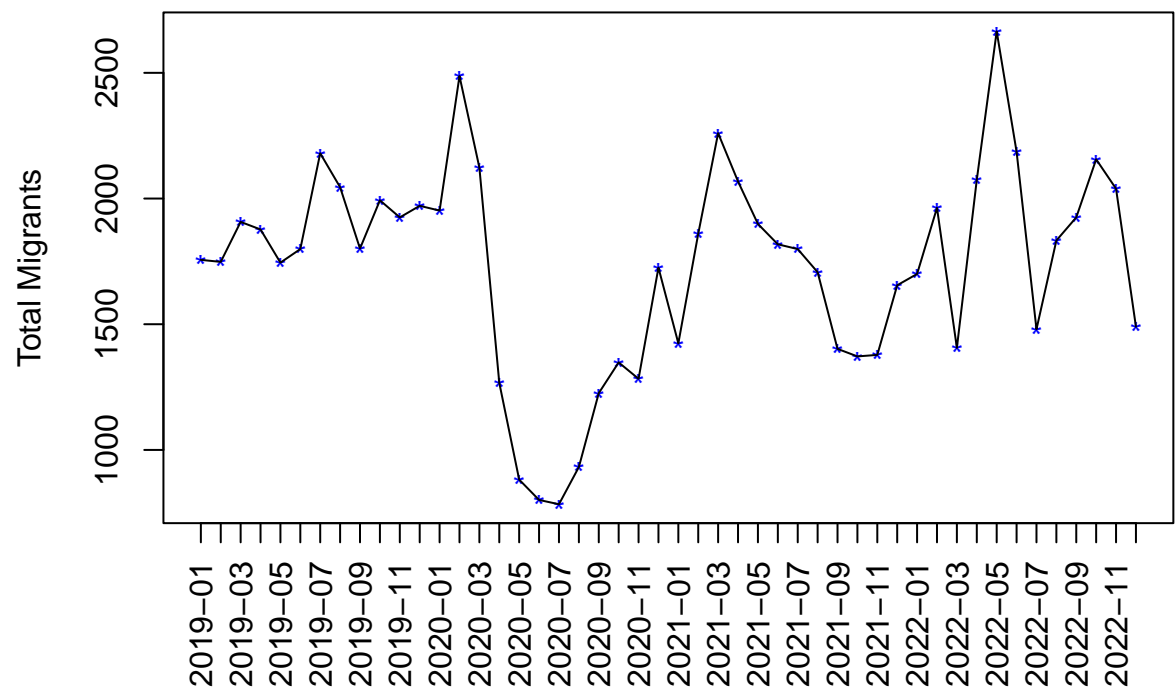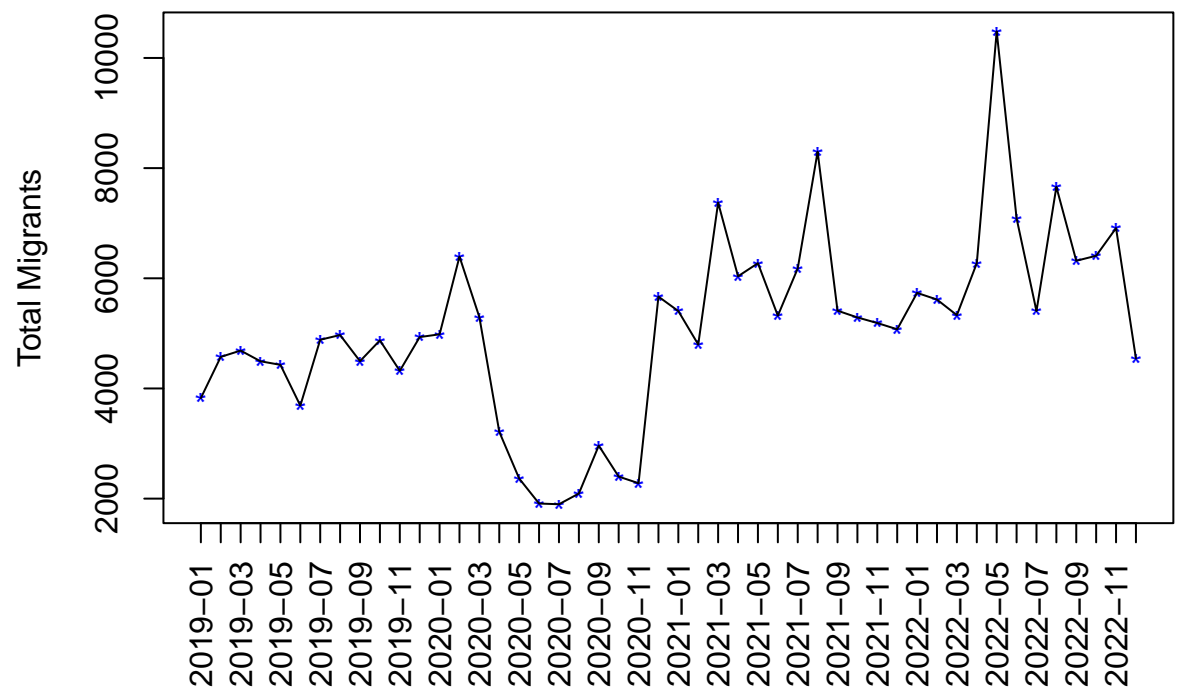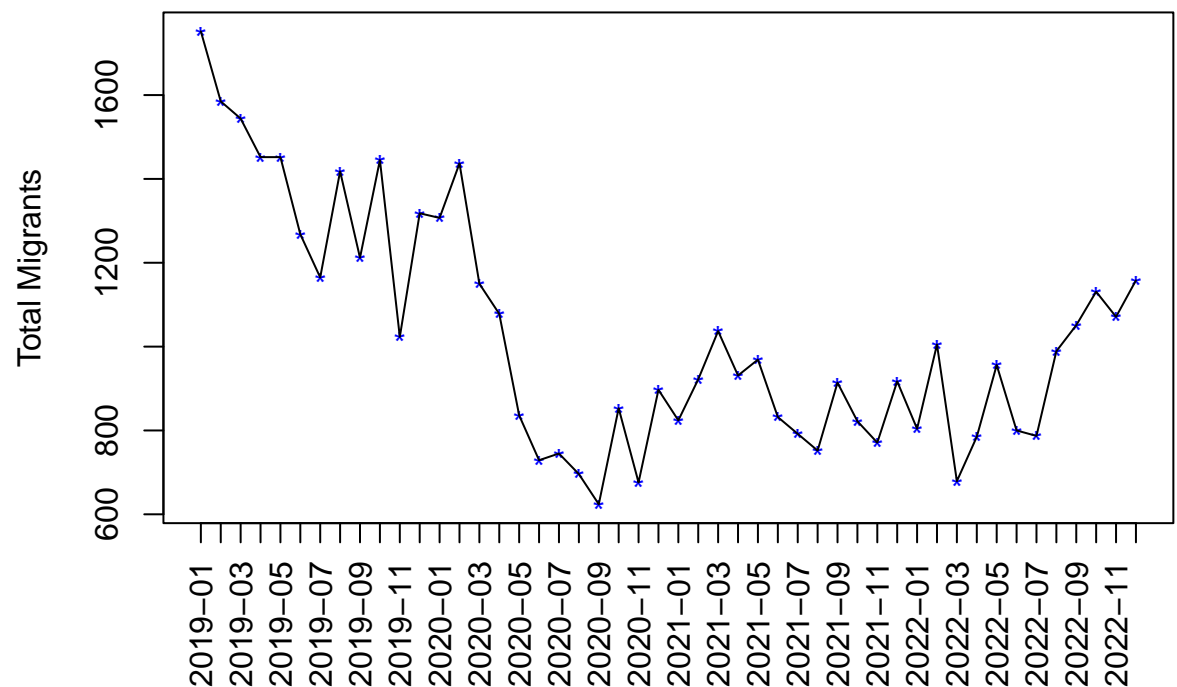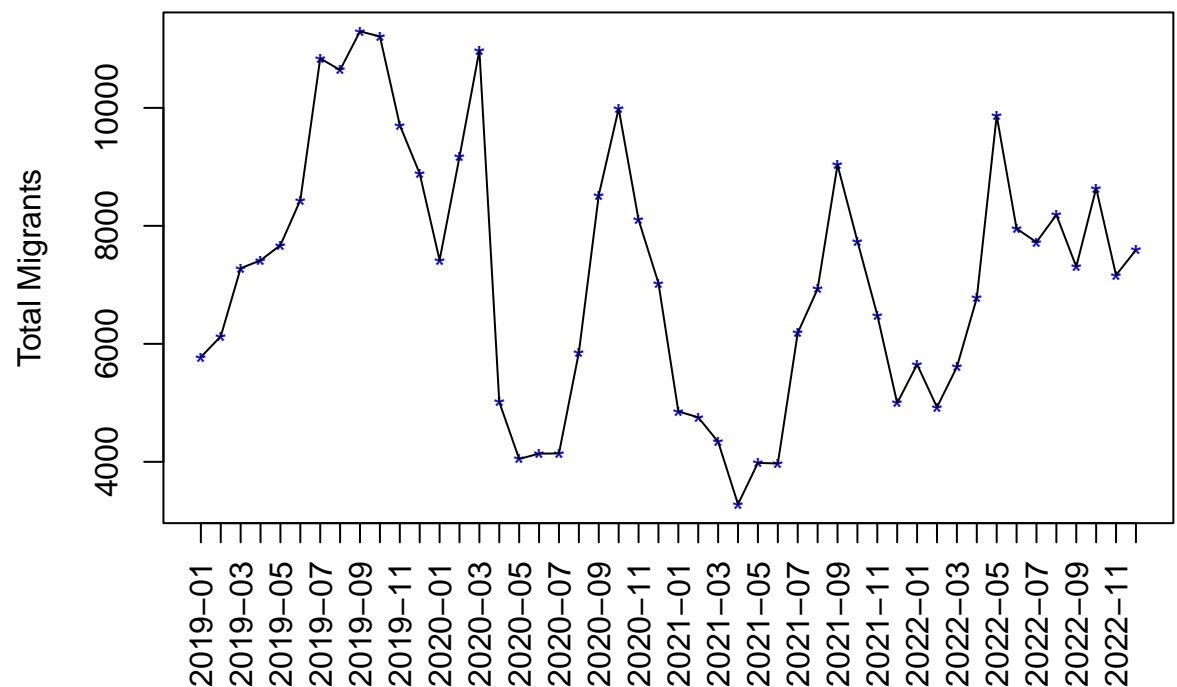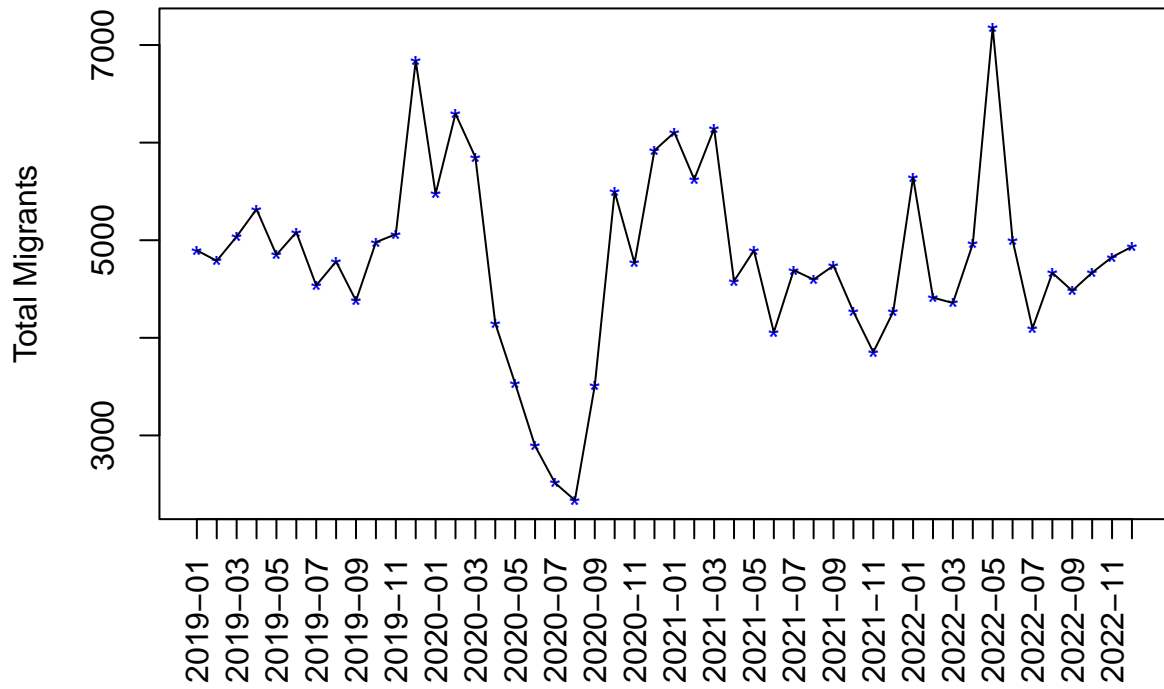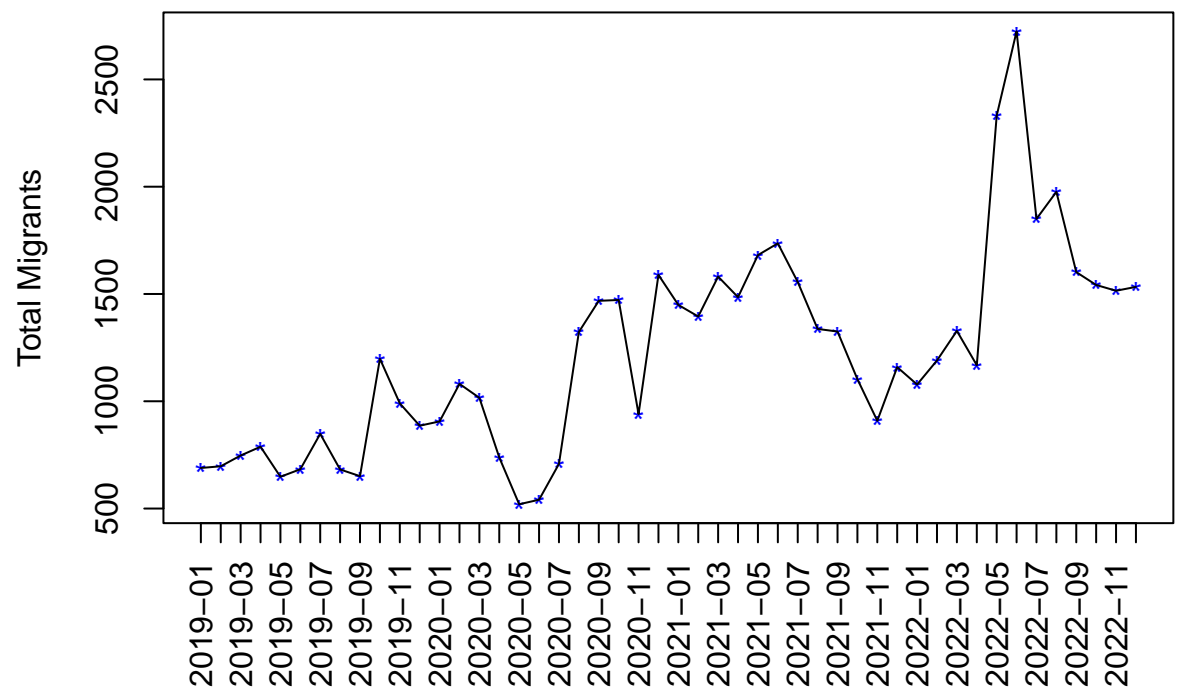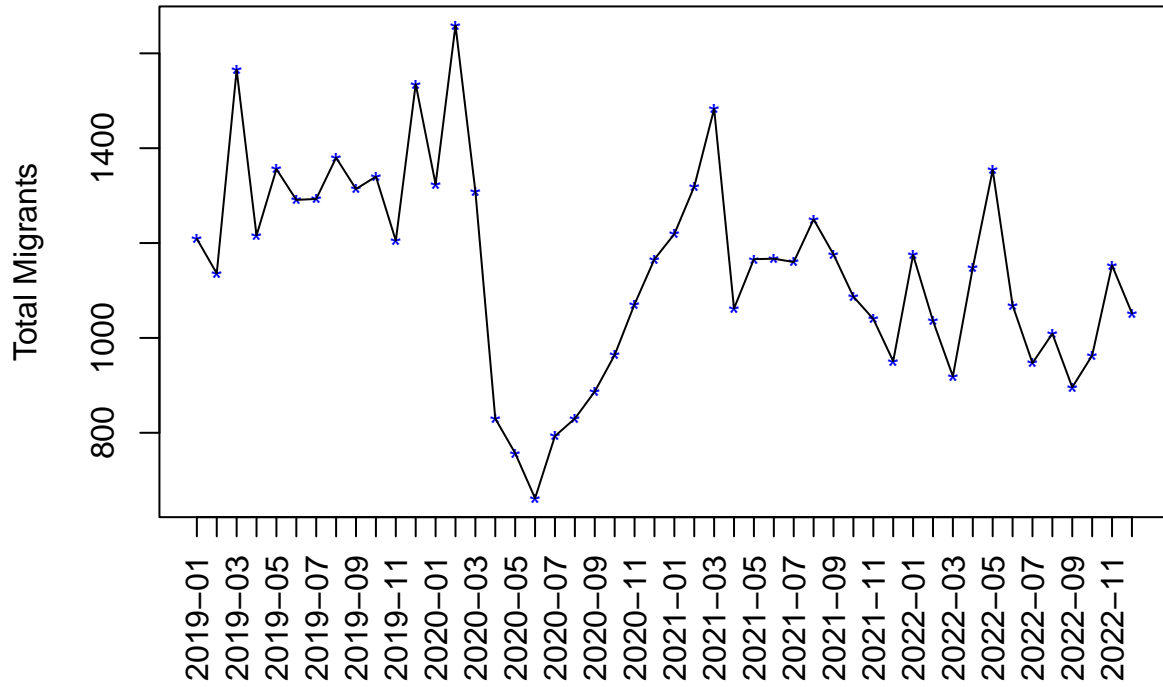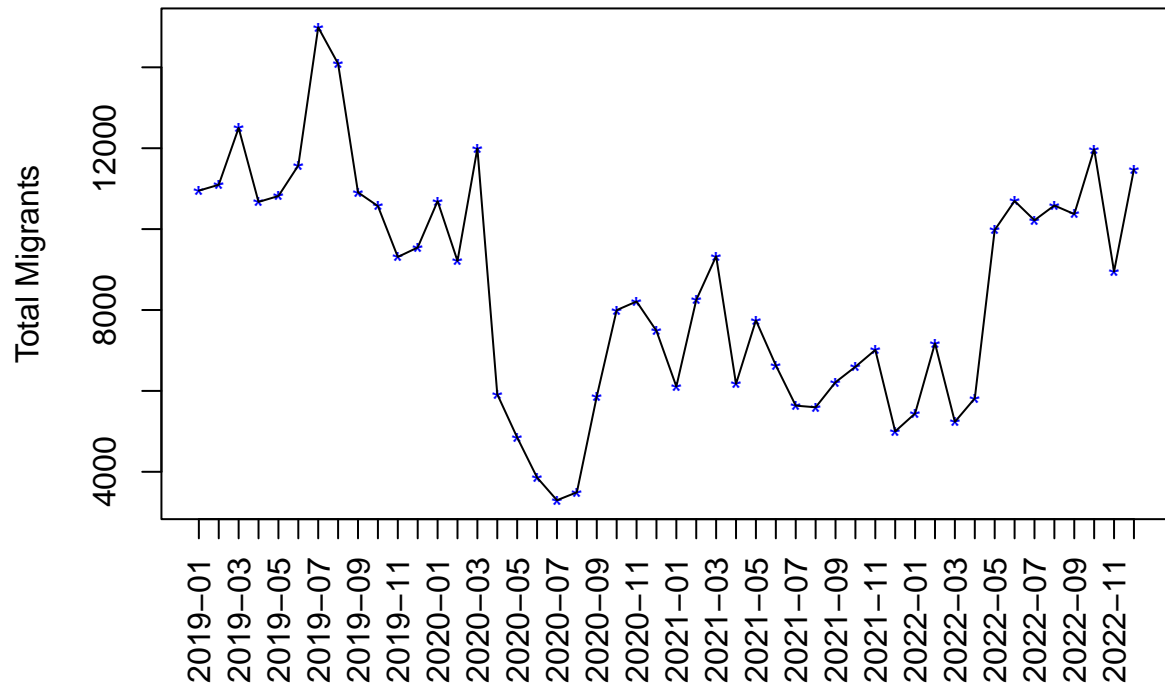# Total Migrants Entering GA
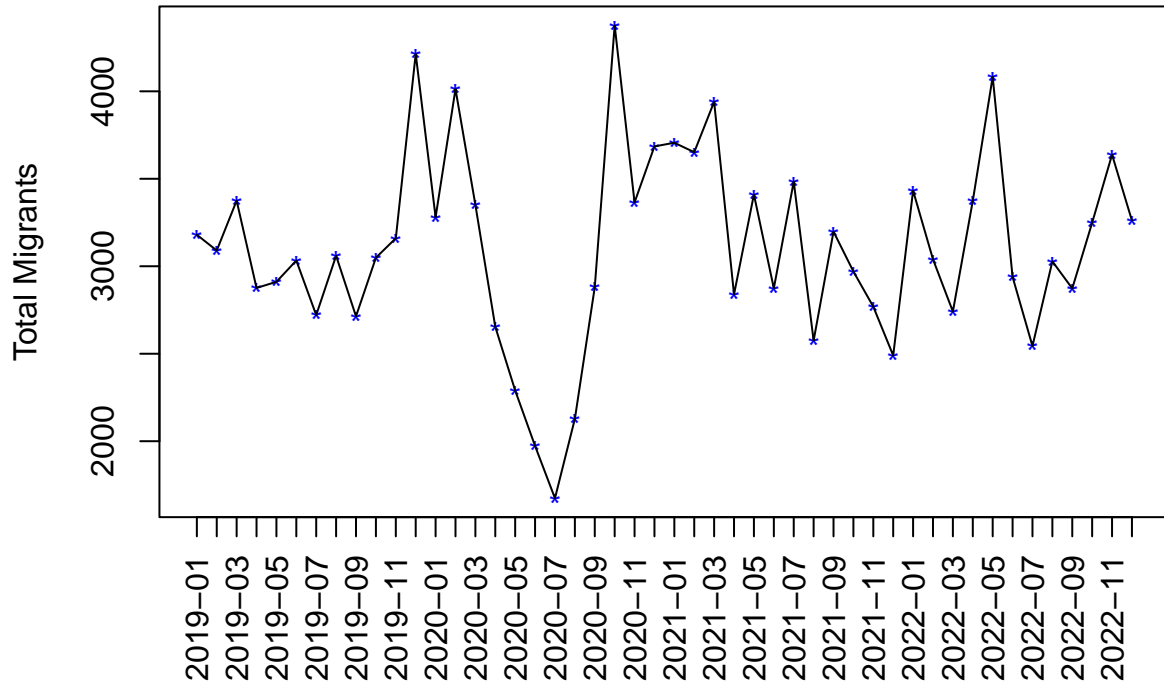
Total Migrants Entering GB

Total Migrants Entering GD

Total Migrants Entering GE

Total Migrants Entering GH
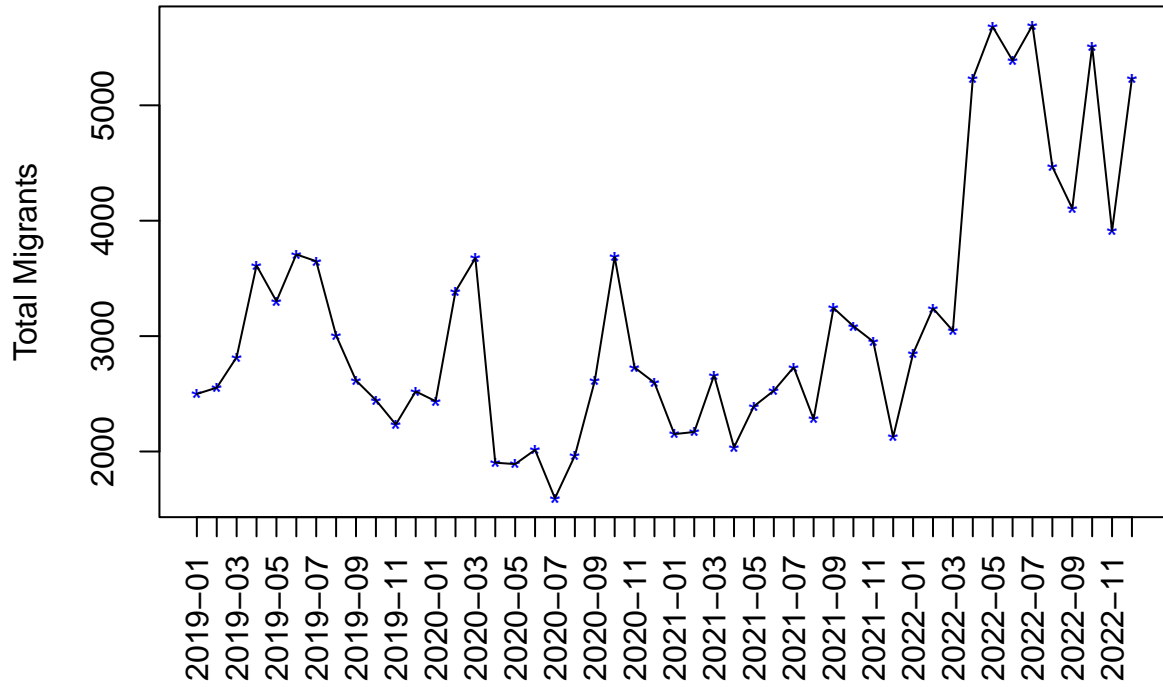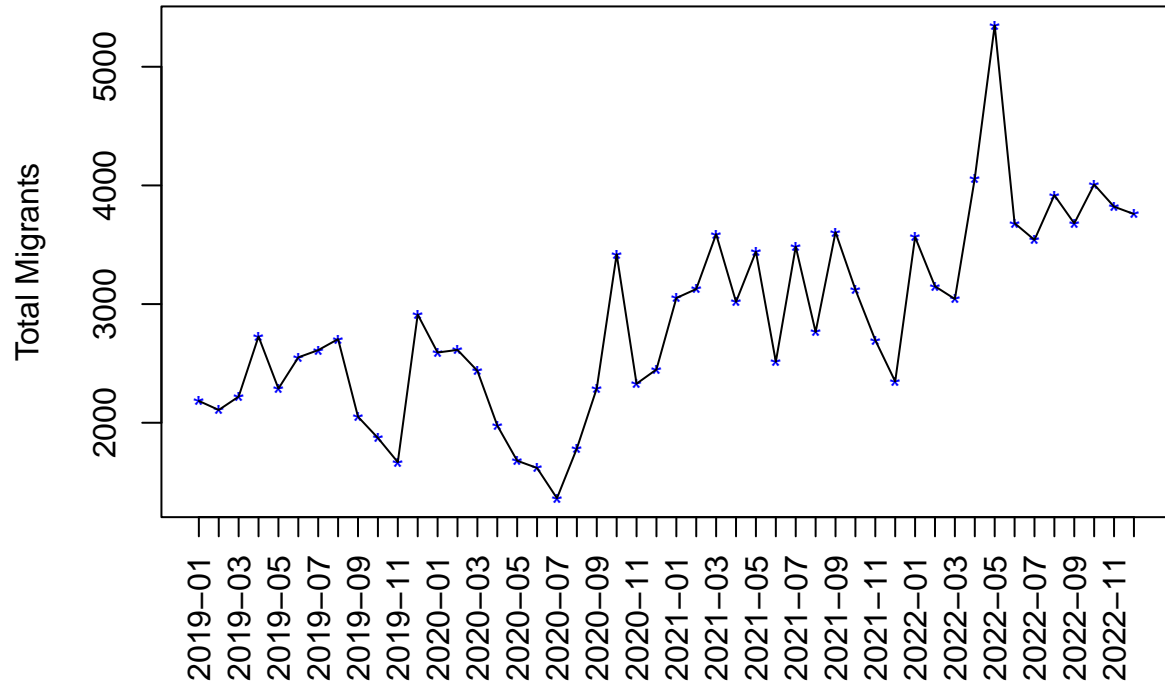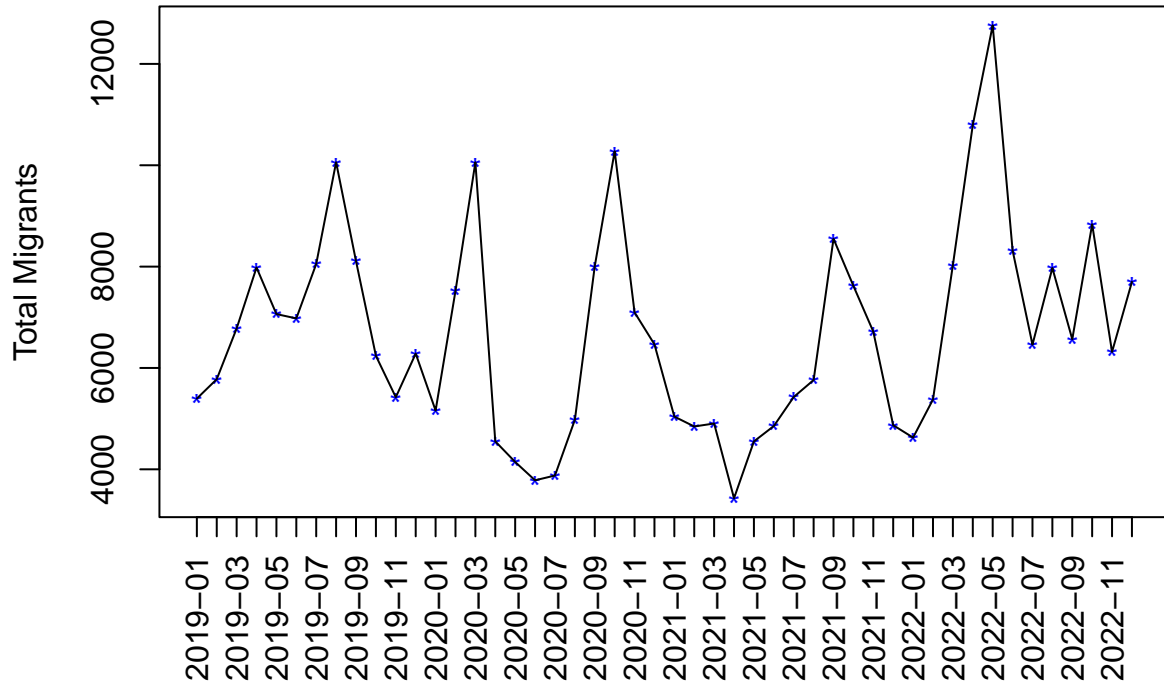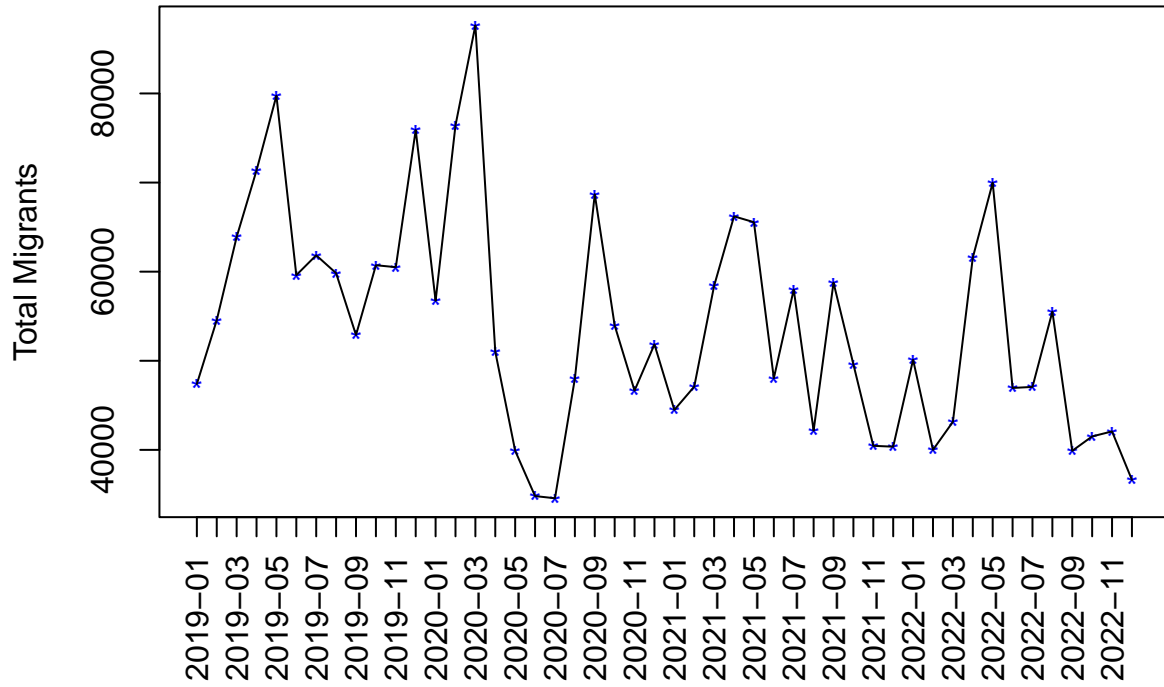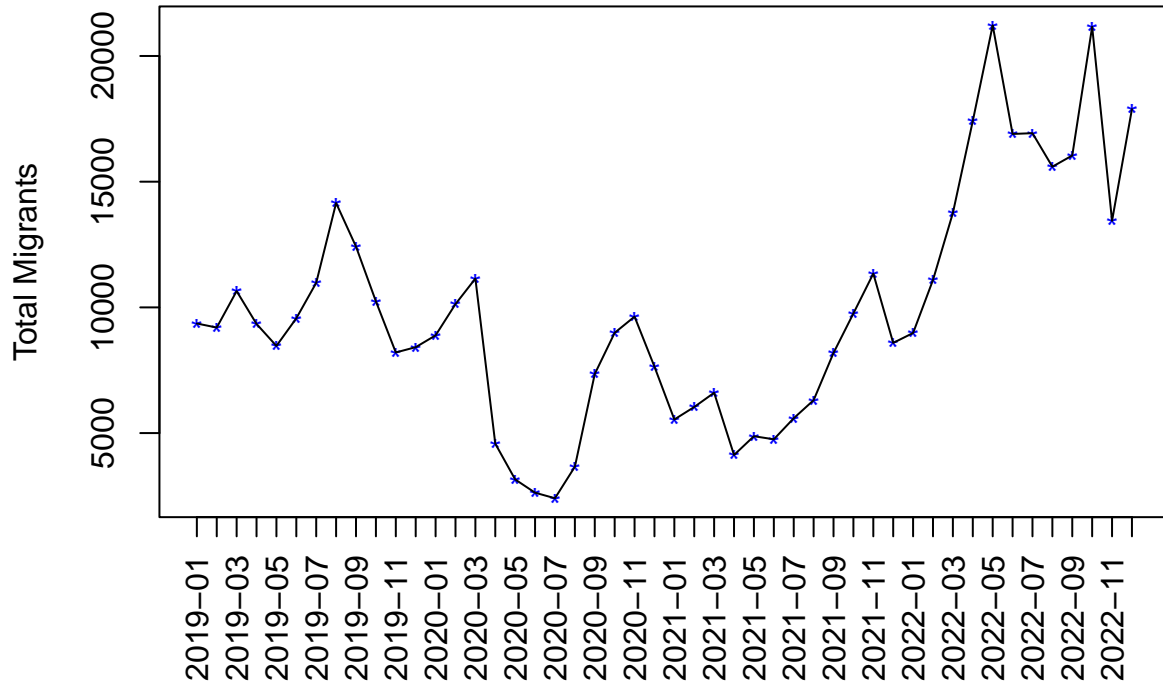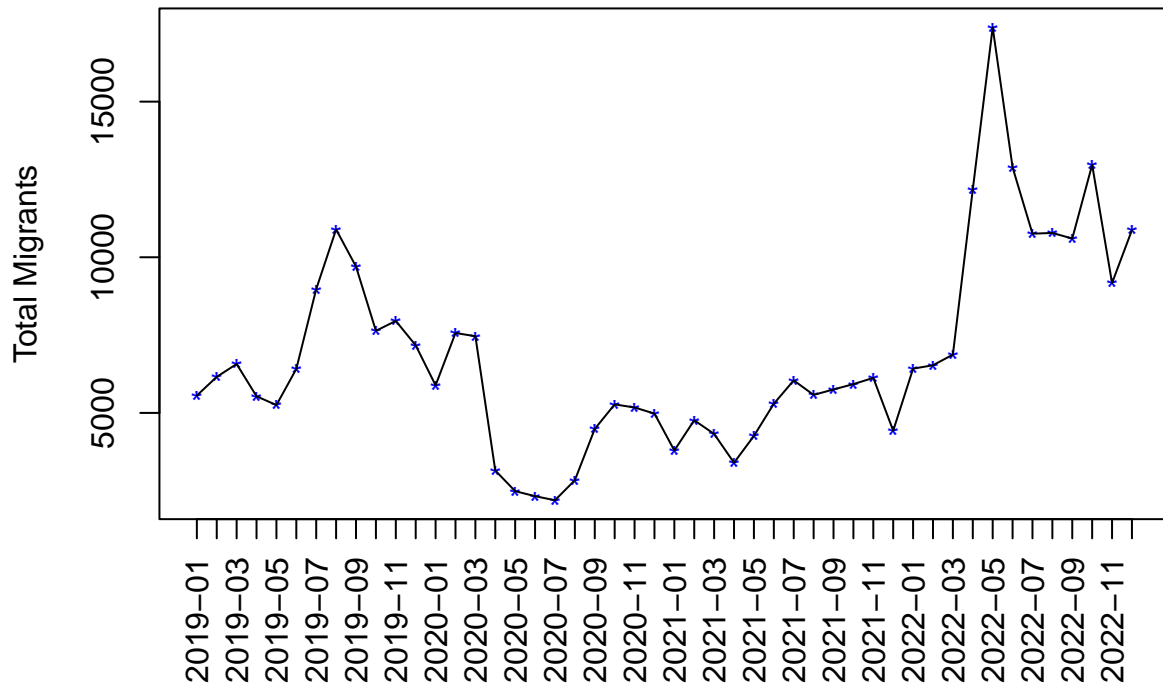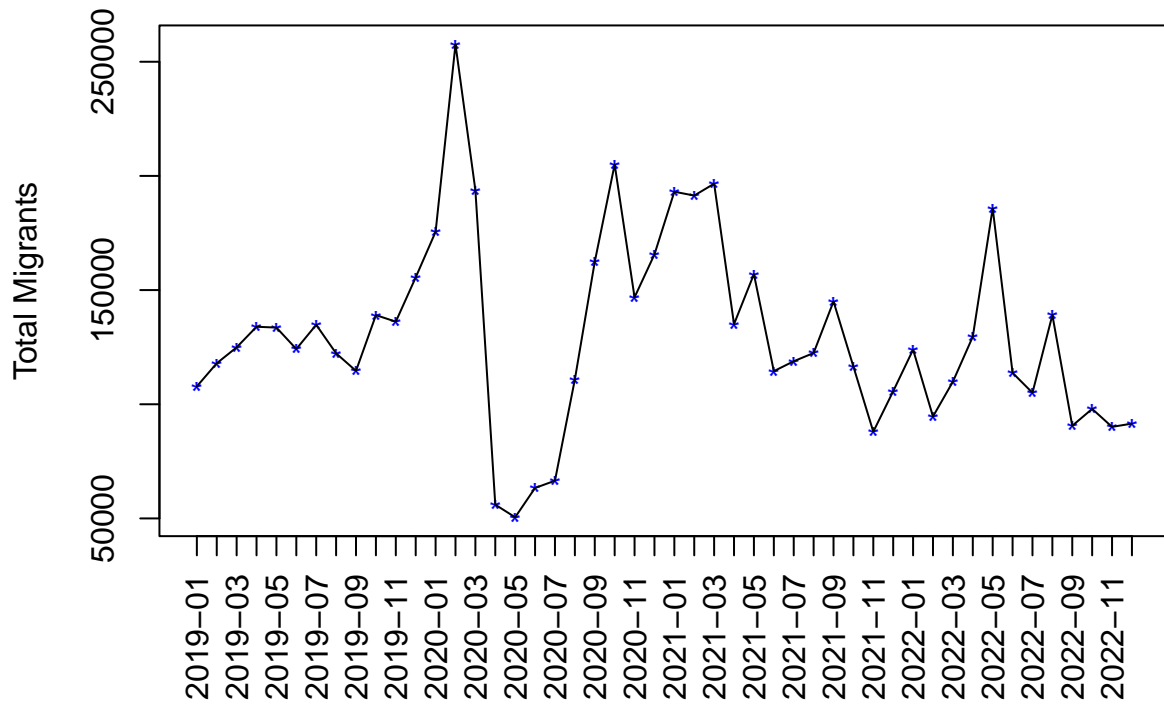
Total Migrants Entering GM

Total Migrants Entering GN

Total Migrants Entering GQ

Total Migrants Entering GR

Total Migrants Entering GT

Total Migrants Entering GW

Total Migrants Entering GY

Total Migrants Entering HK

Total Migrants Entering HN

Total Migrants Entering HR

Total Migrants Entering HT

Total Migrants Entering HU
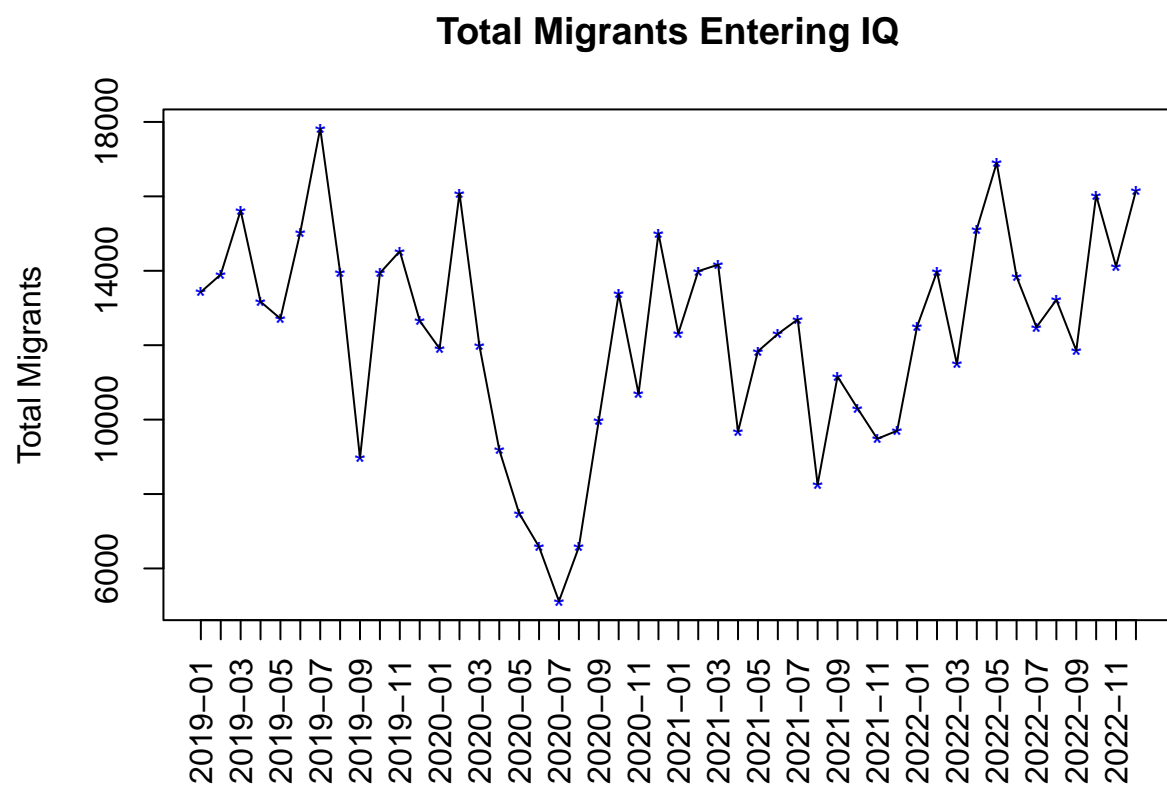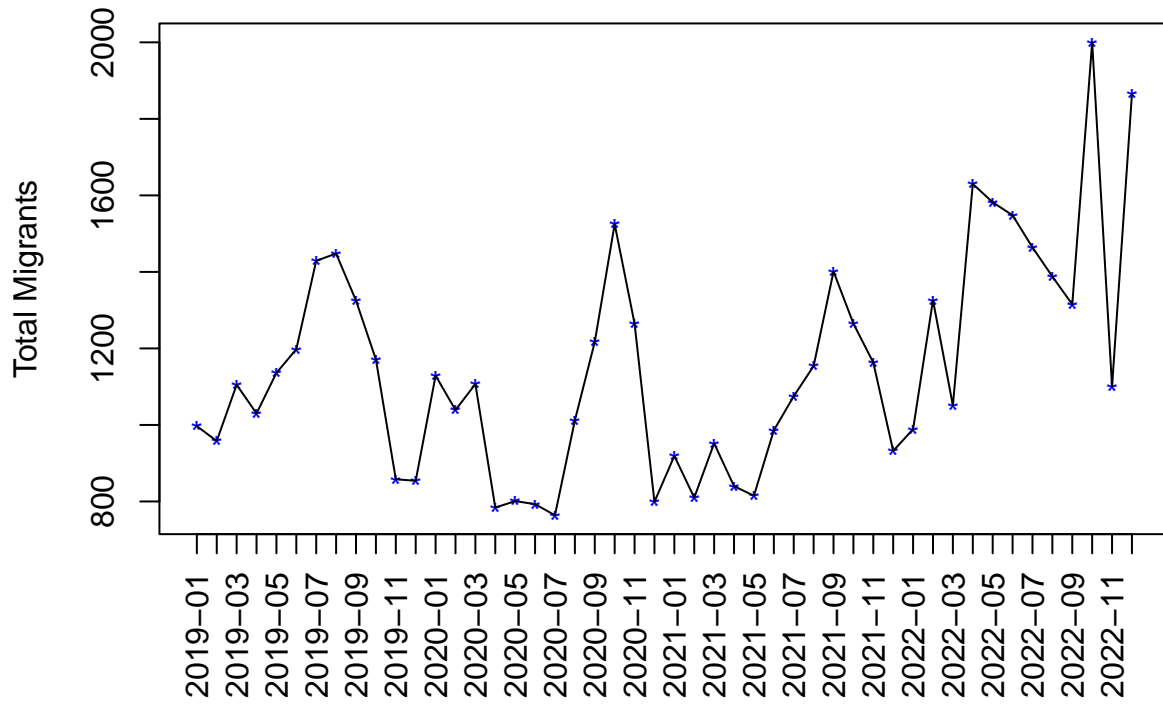
Total Migrants Entering ID

Total Migrants Entering IE
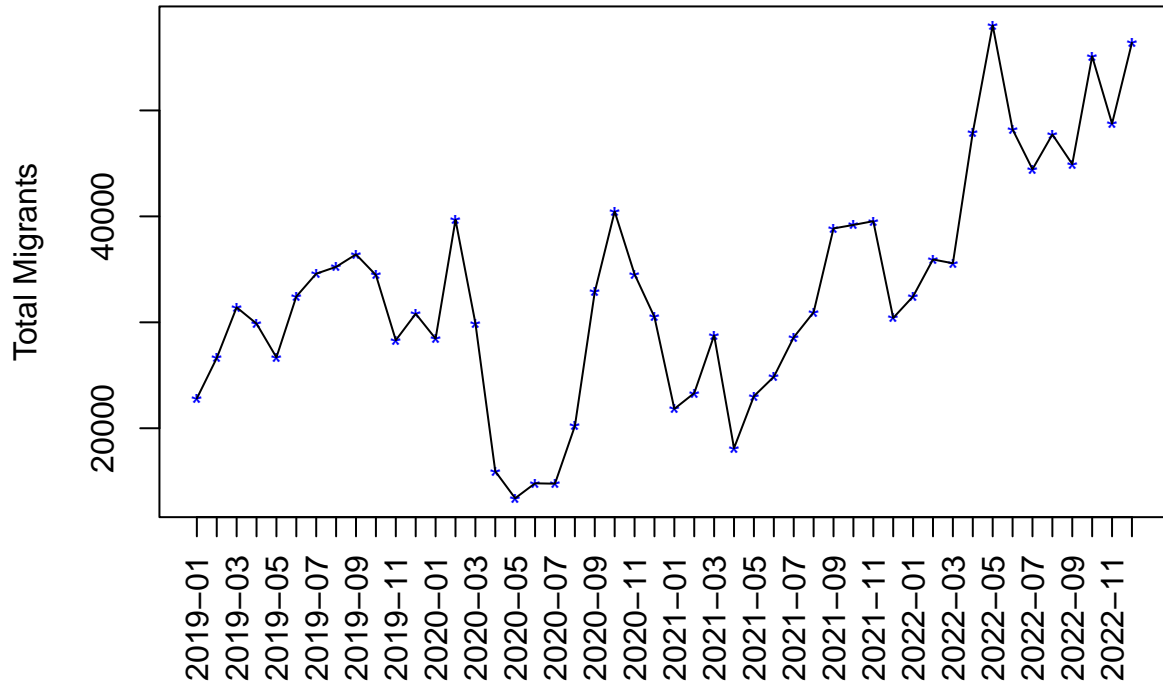
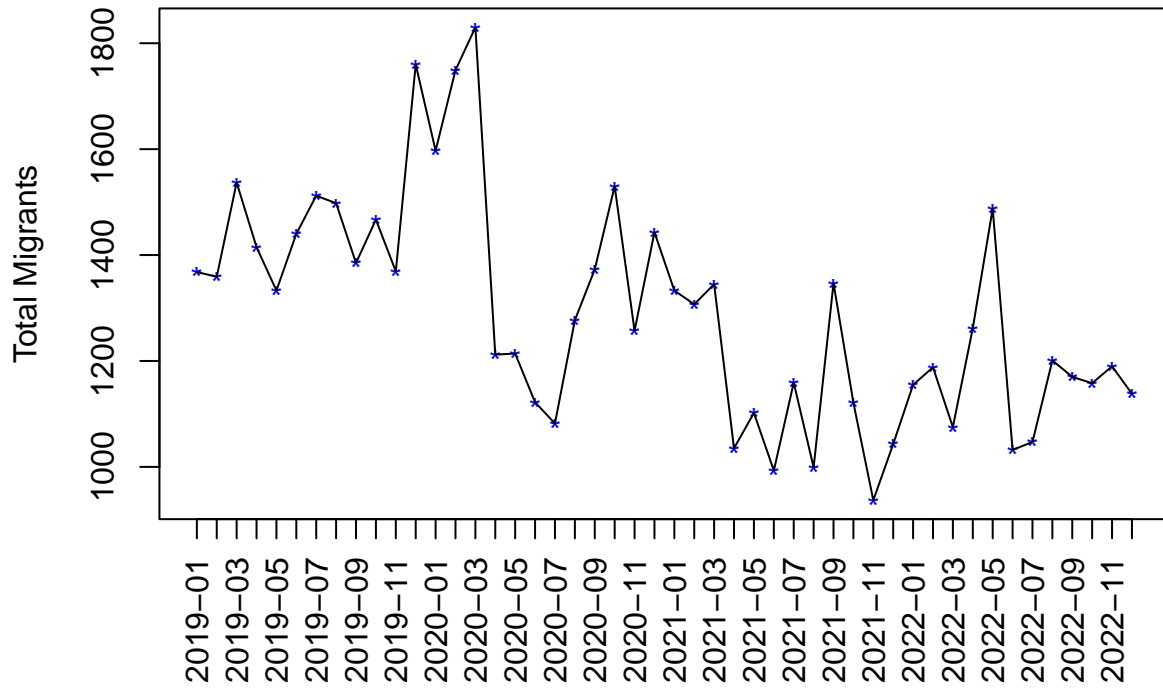# Total Migrants Entering IL

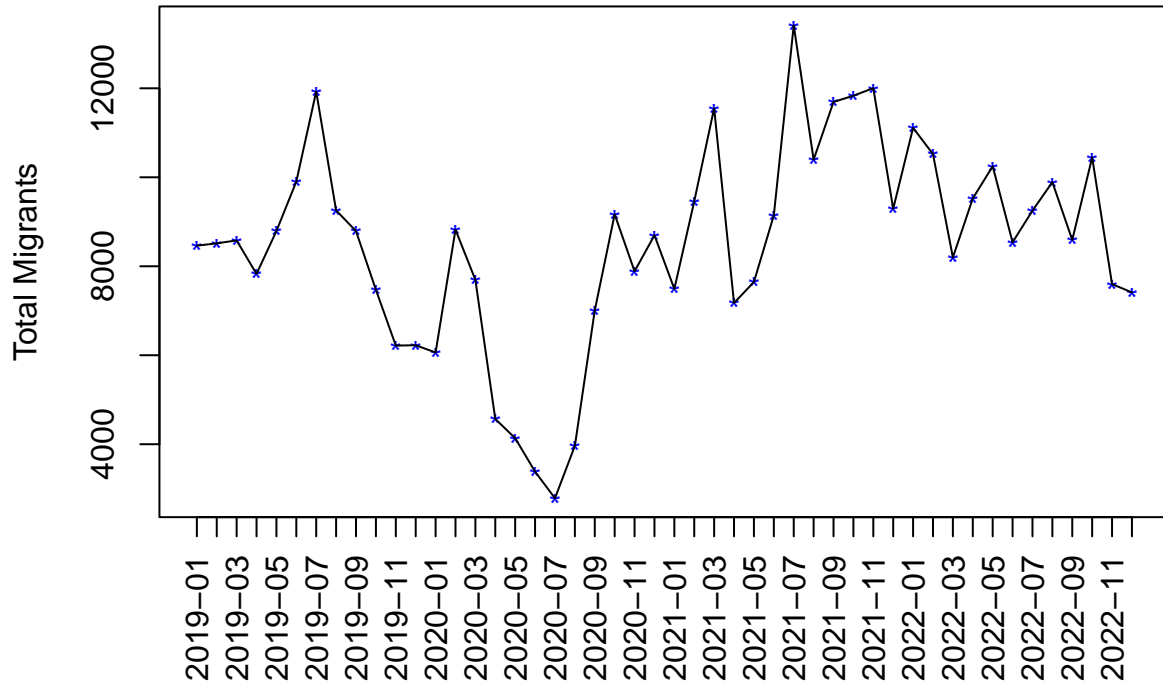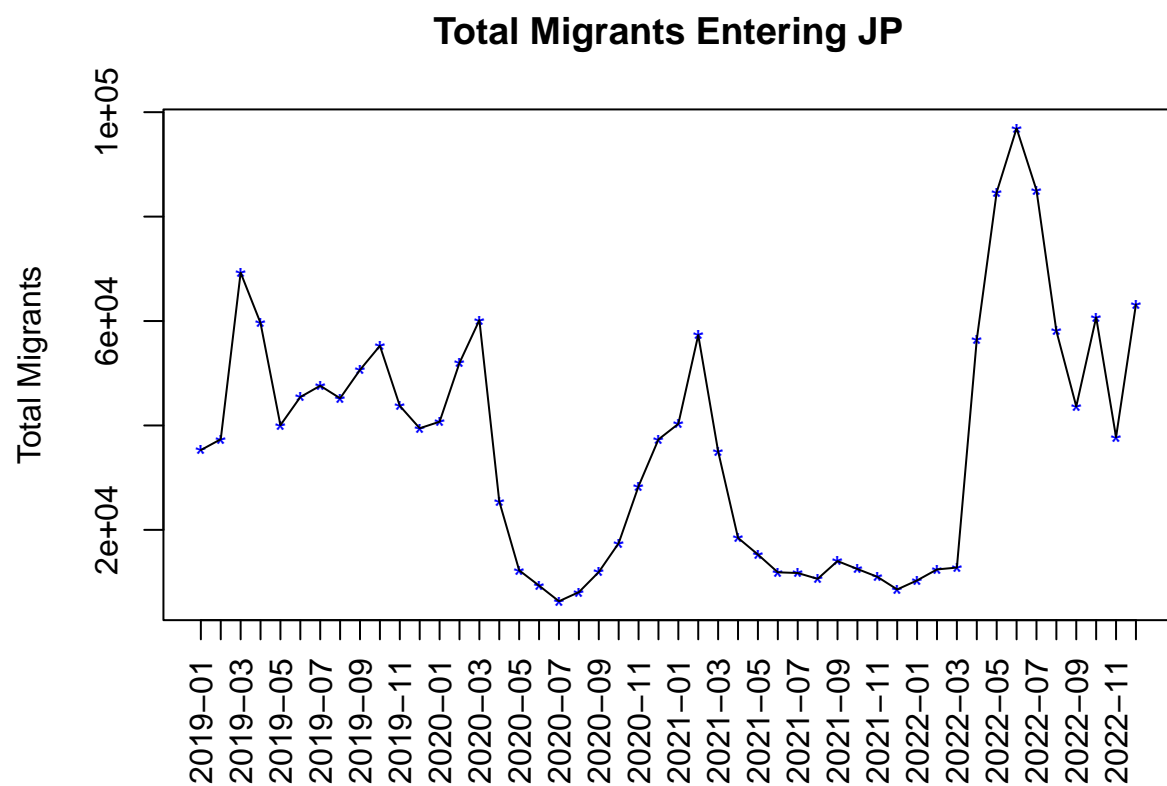# Total Migrants Entering IN

Total Migrants Entering IQ

Total Migrants Entering IS
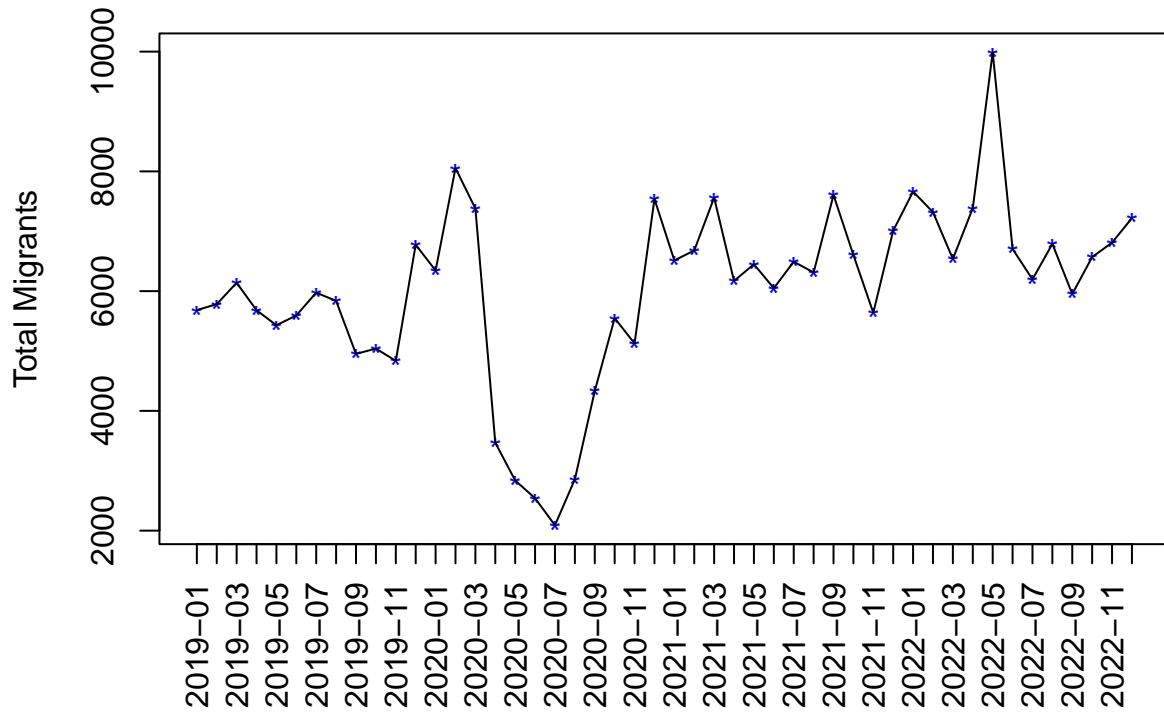
Total Migrants Entering IT
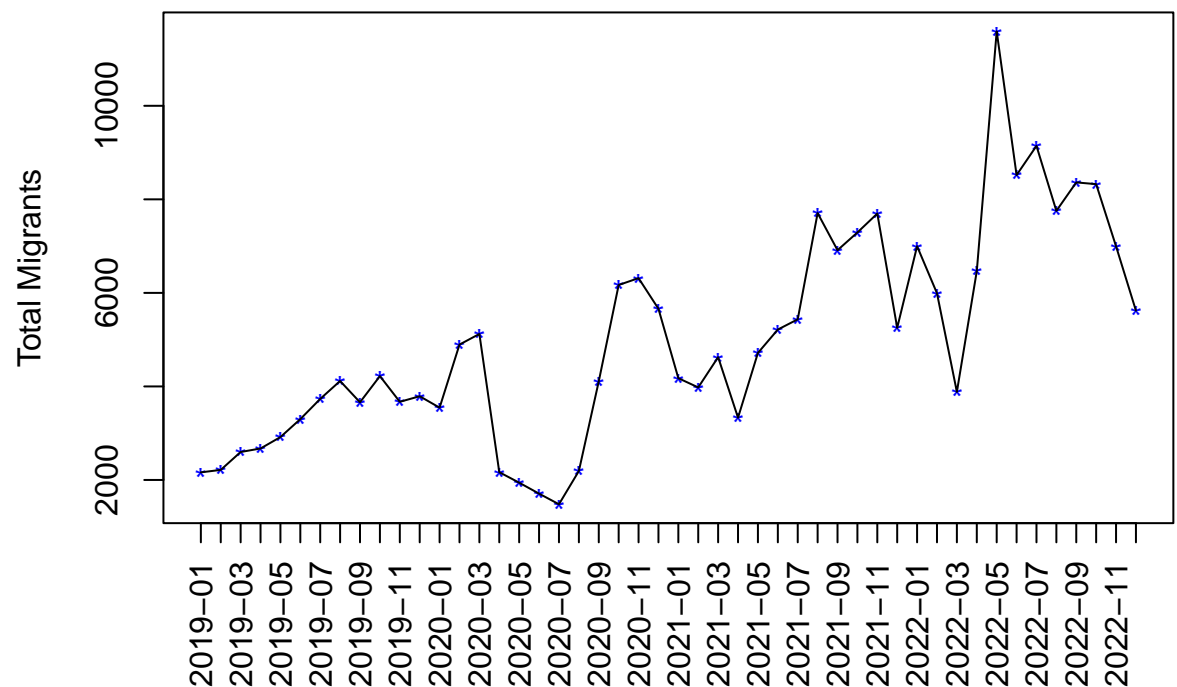
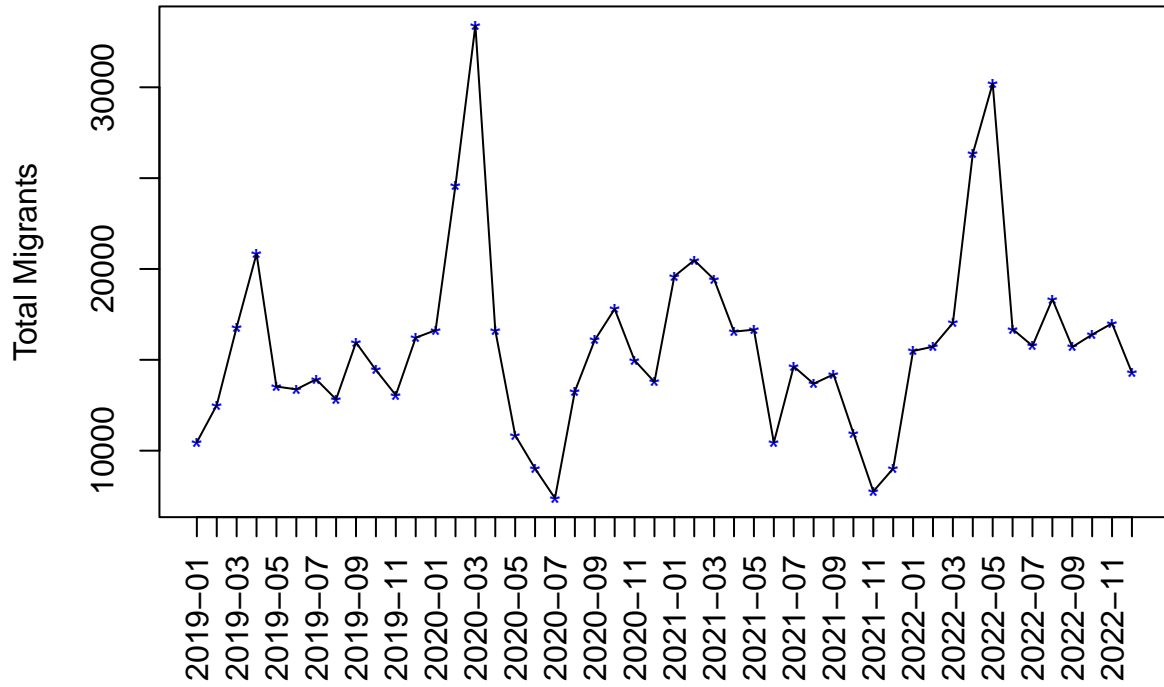# Total Migrants Entering JM

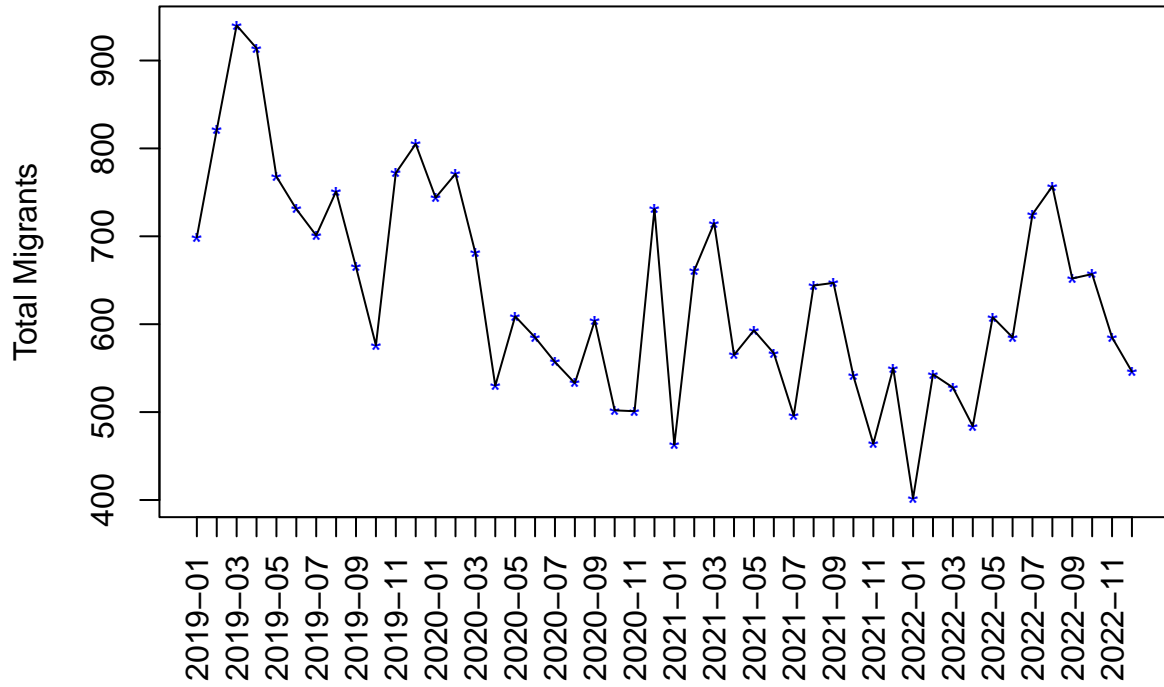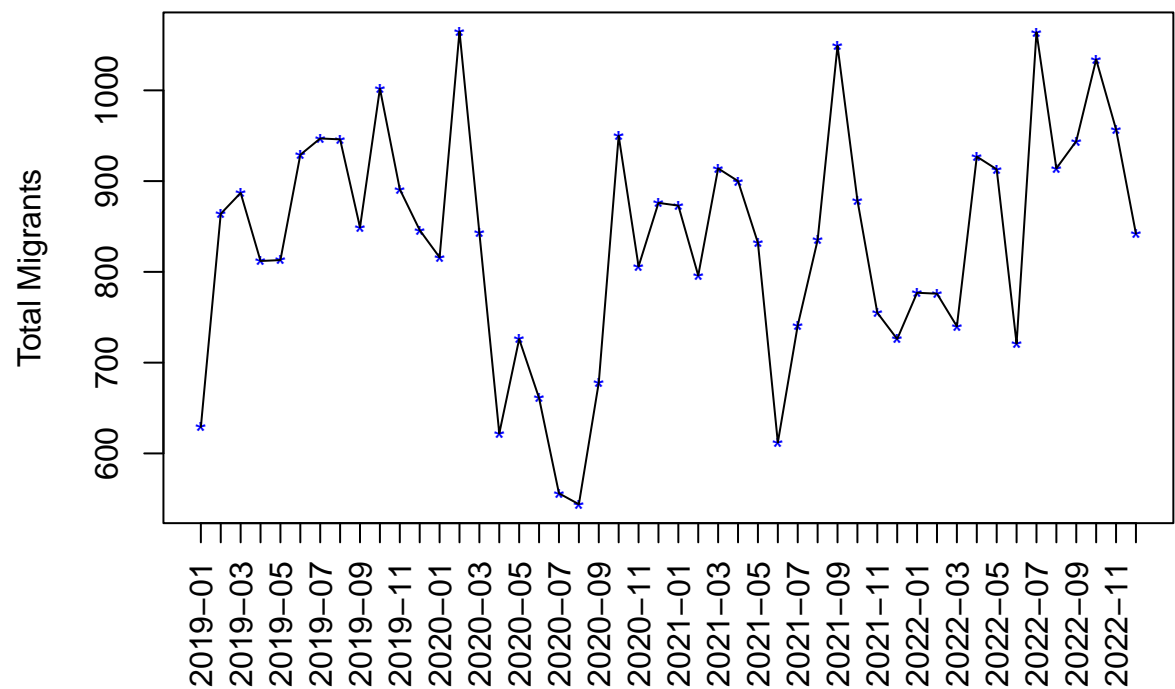# Total Migrants Entering JO

Total Migrants Entering JP

Total Migrants Entering KE
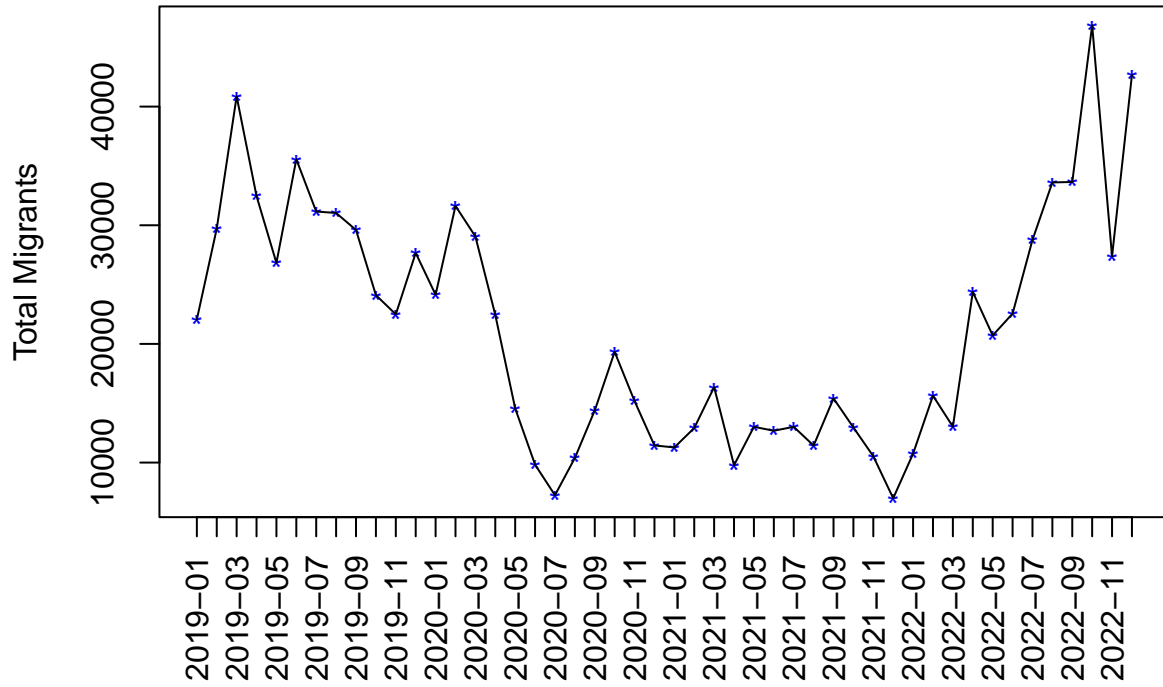
Total Migrants Entering KG
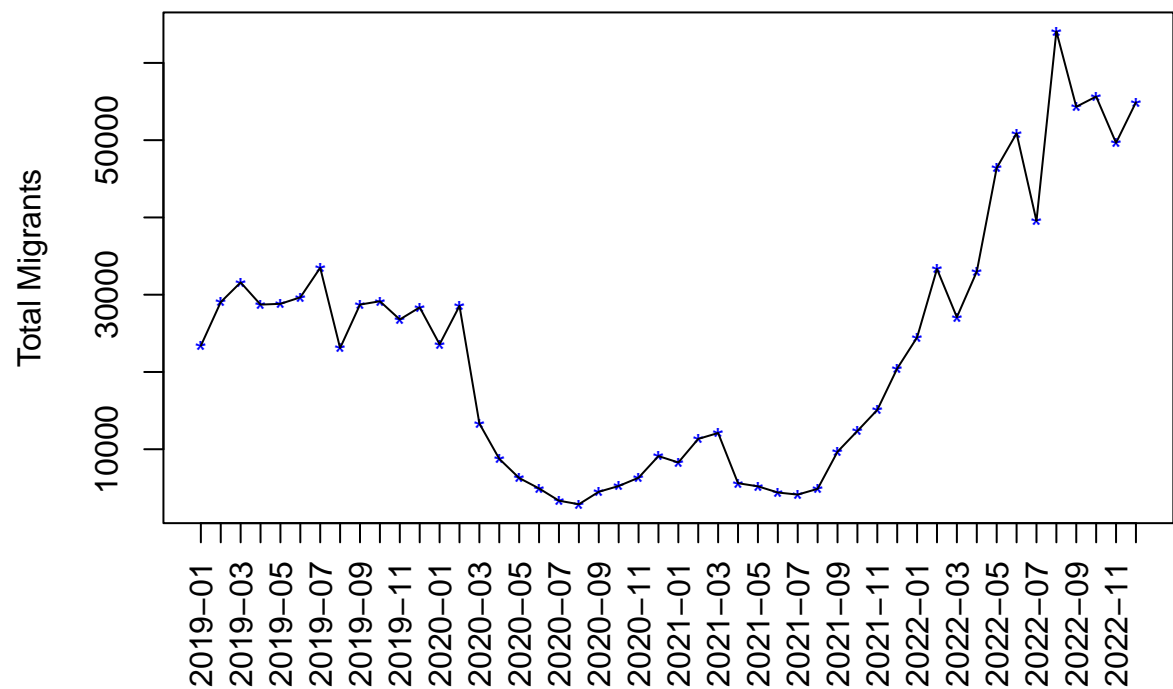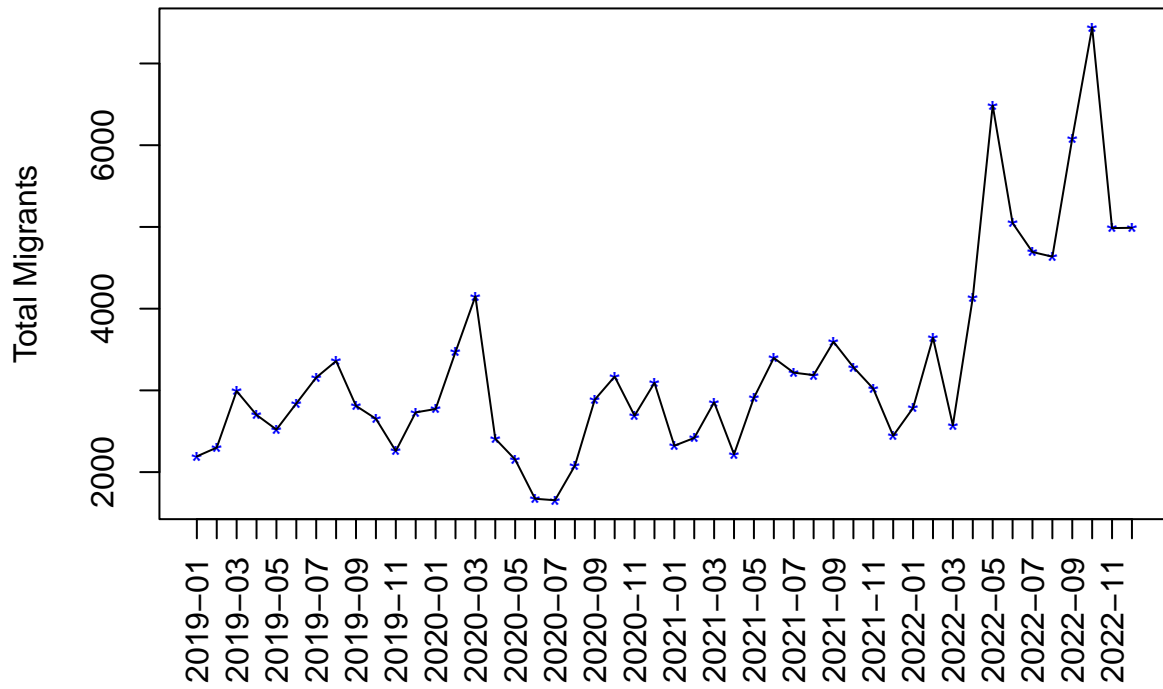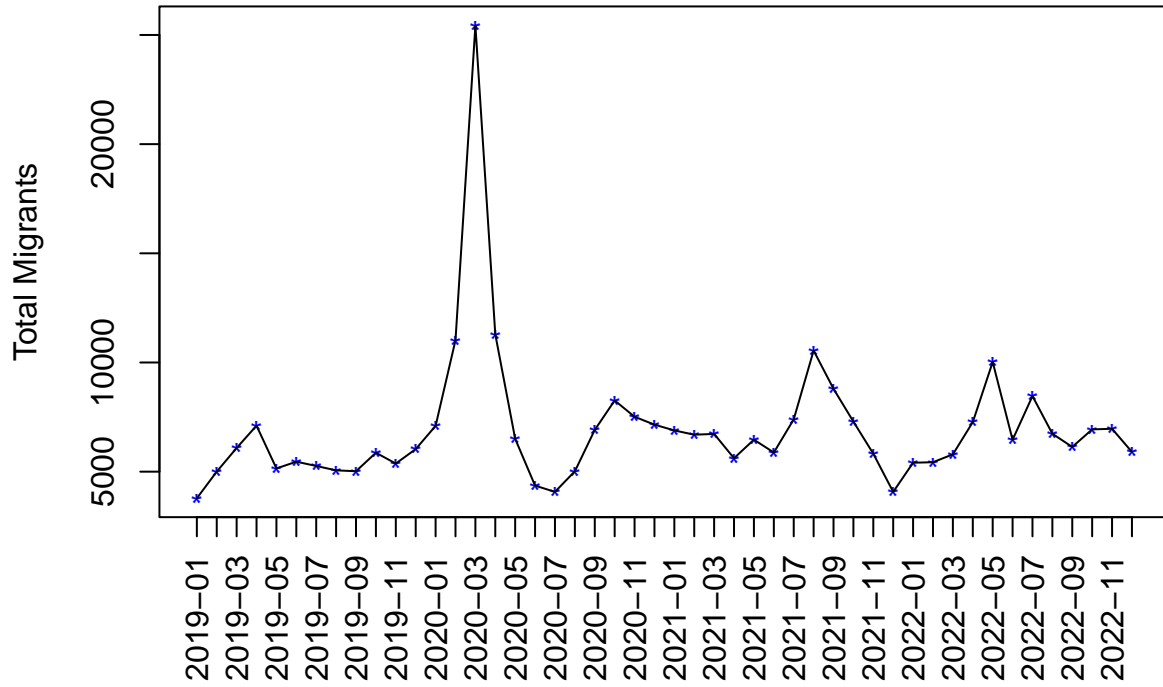
Total Migrants Entering KH

Total Migrants Entering KI

Total Migrants Entering KM
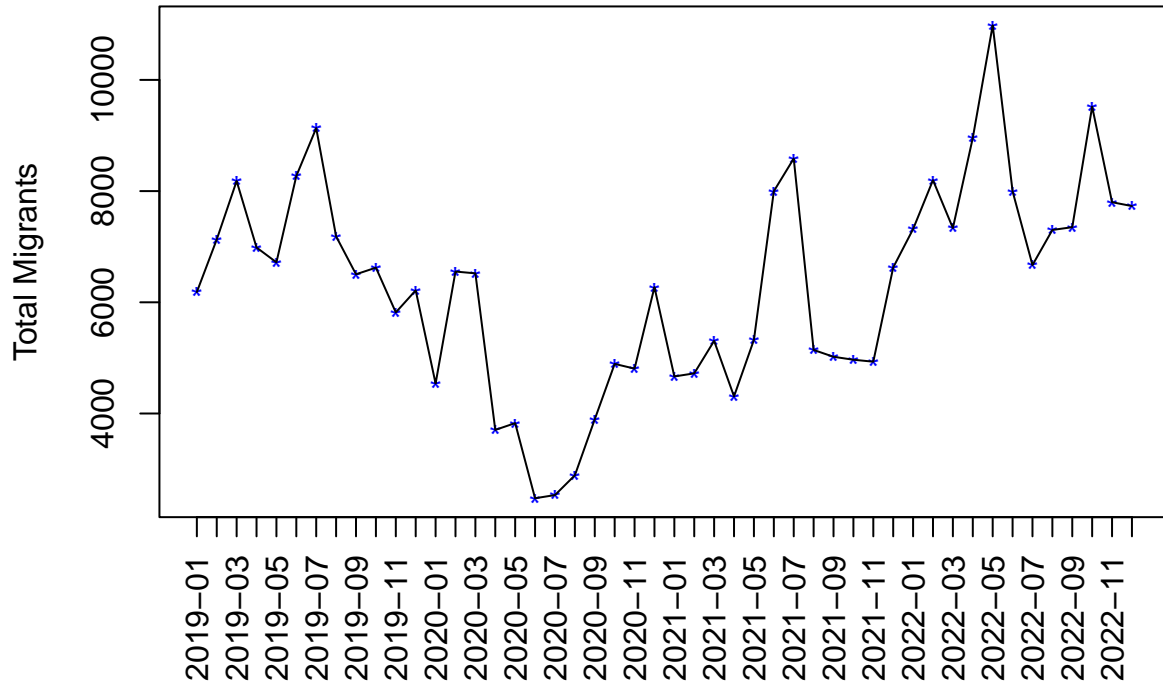
Total Migrants Entering KR
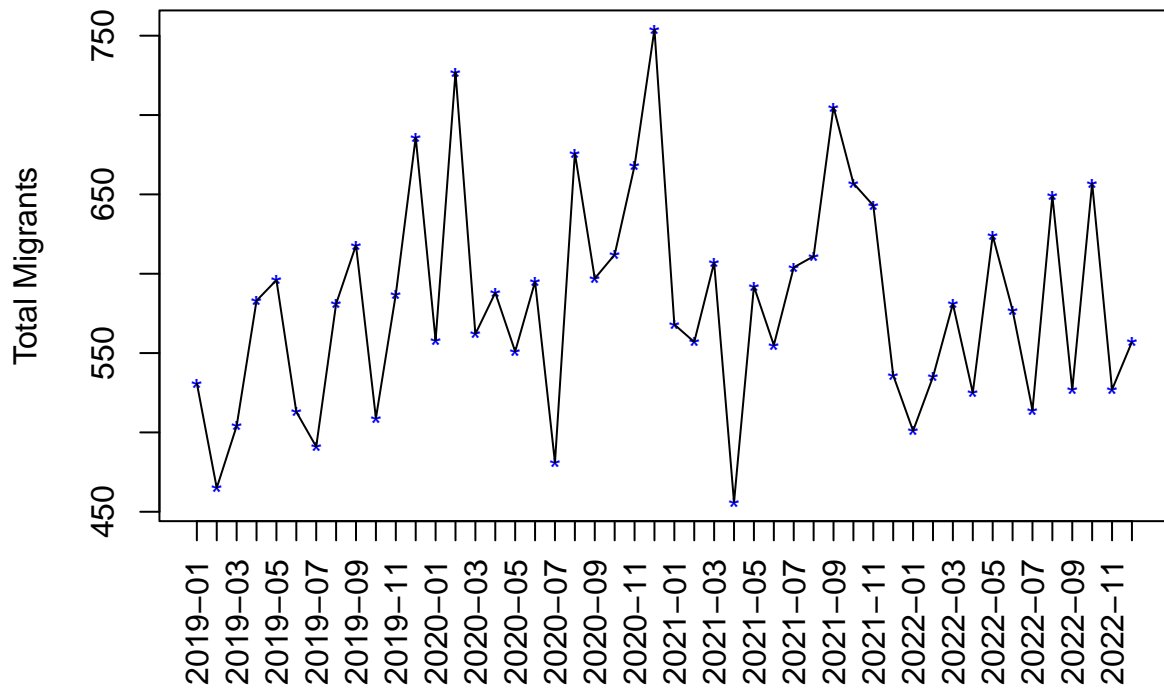
Total Migrants Entering KW
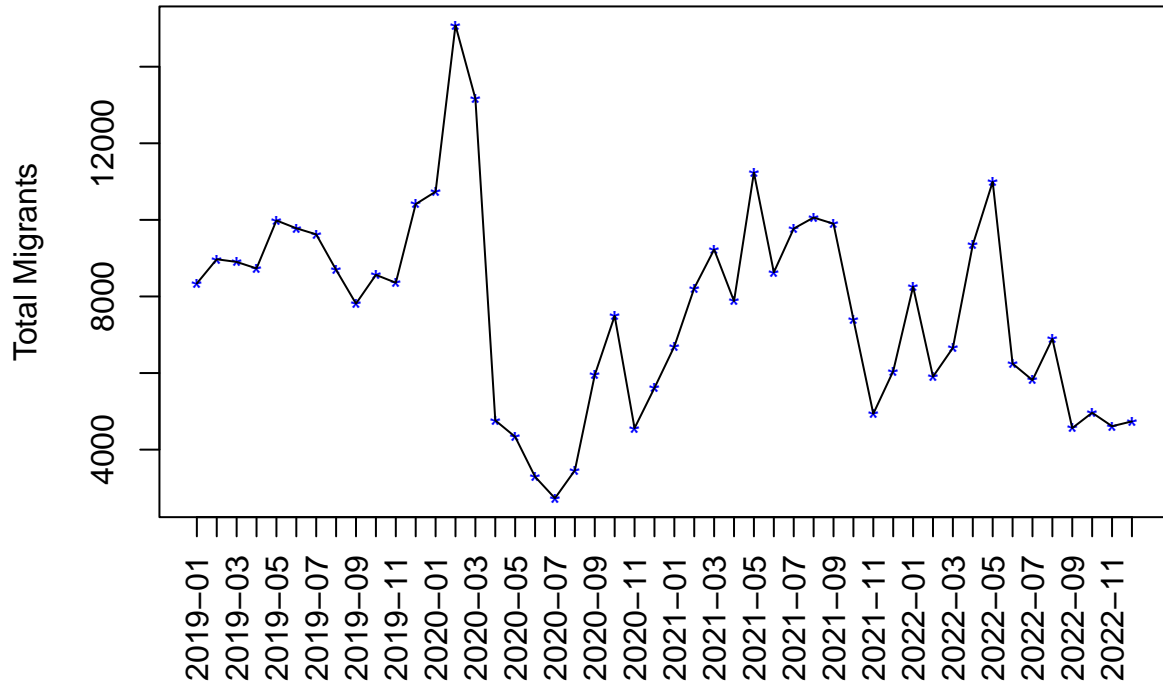
Total Migrants Entering KZ
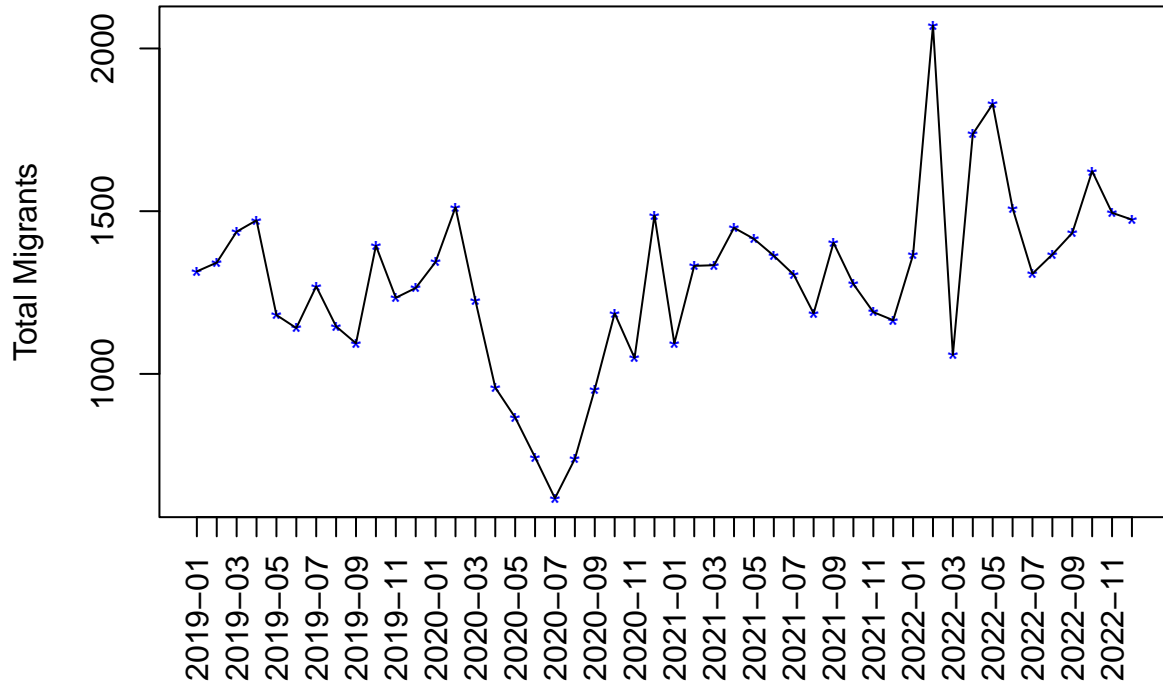
Total Migrants Entering LA
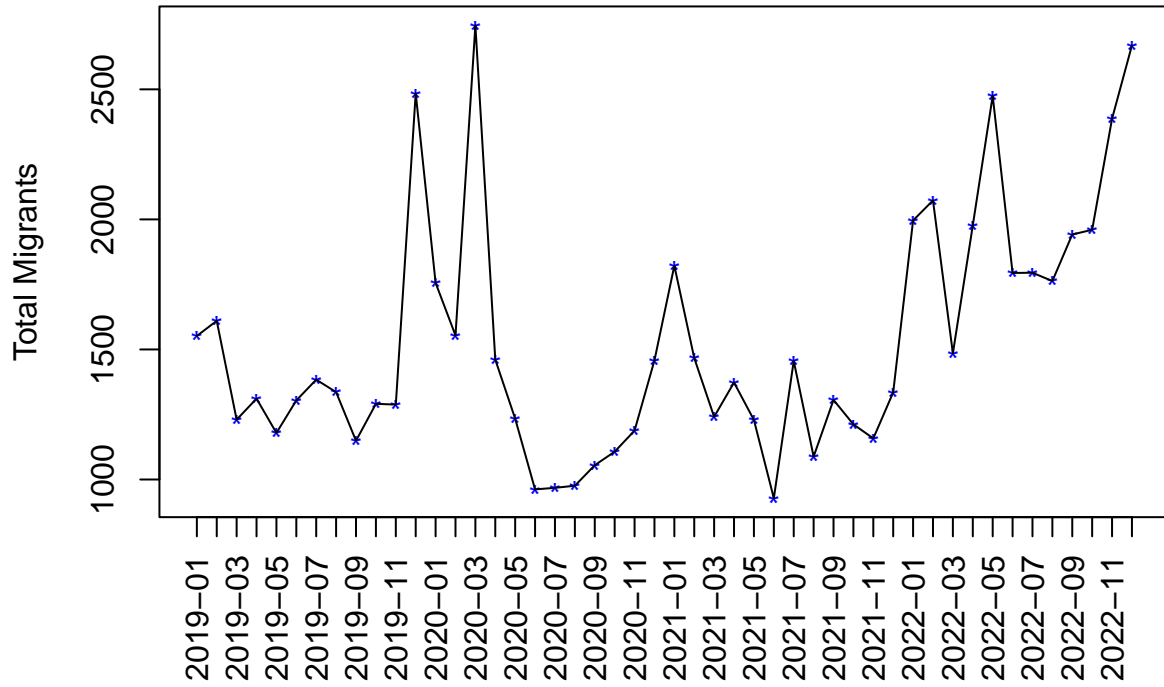
Total Migrants Entering LB
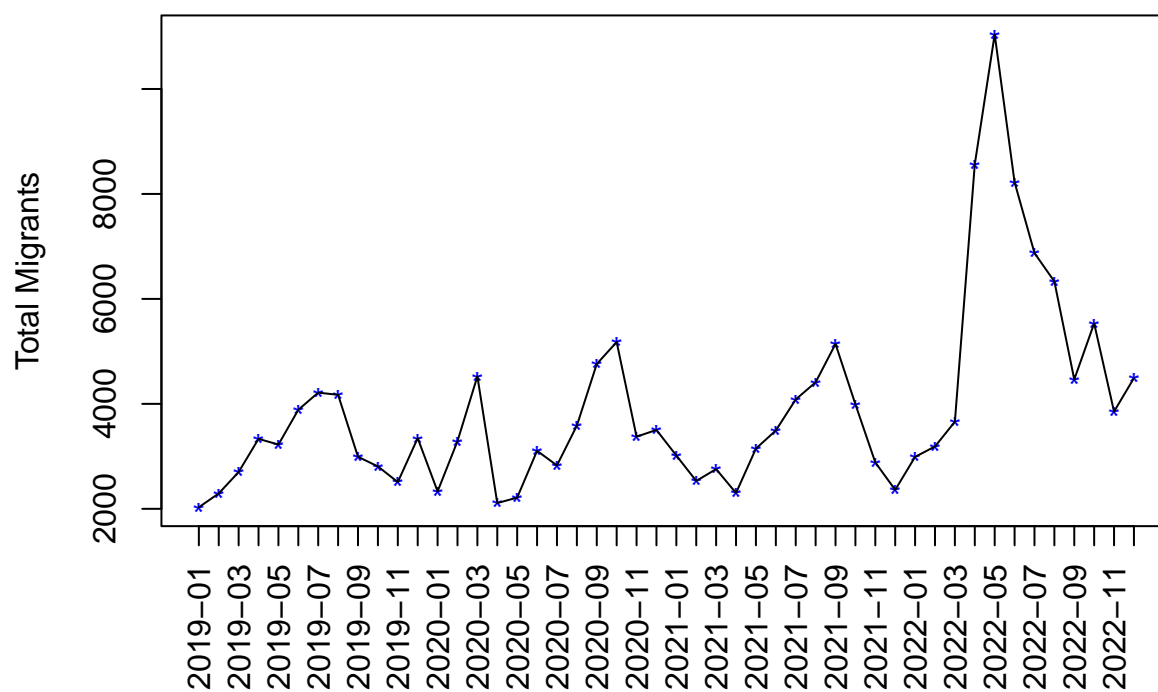
Total Migrants Entering LC

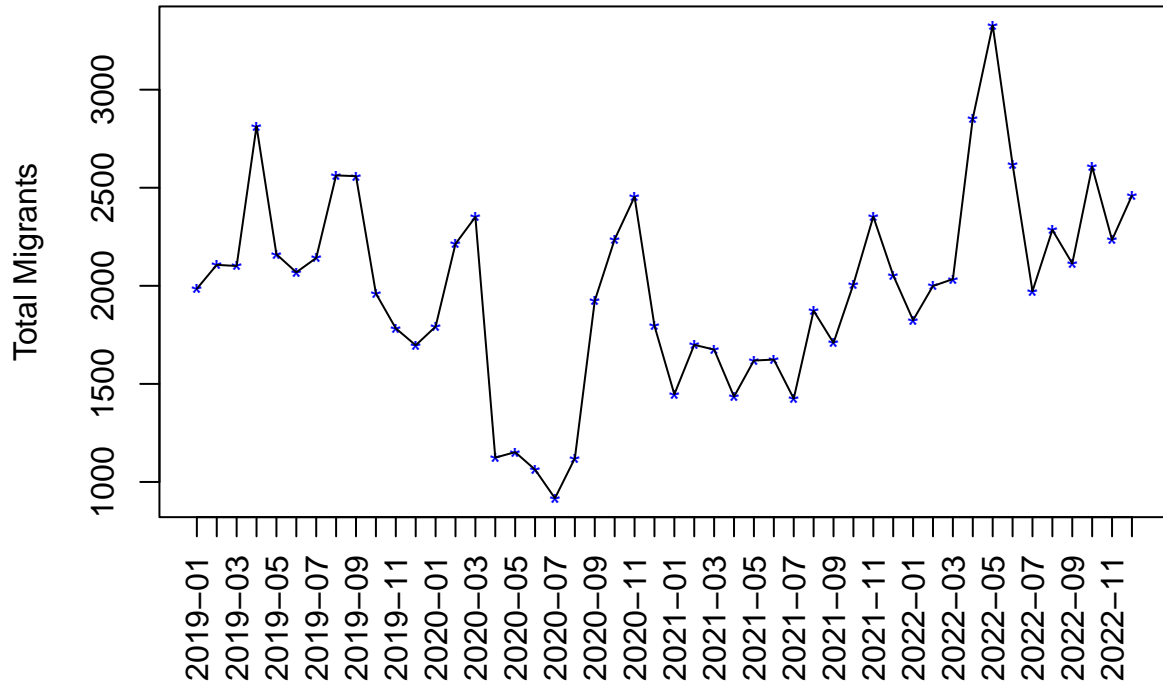# Total Migrants Entering LK

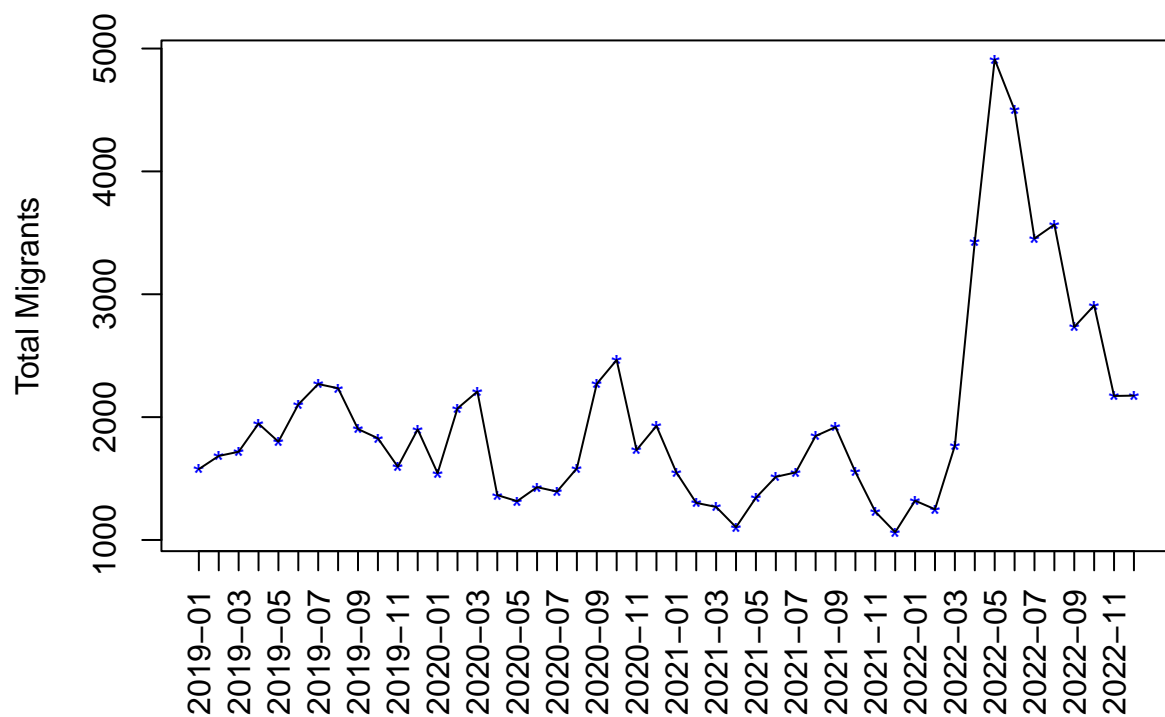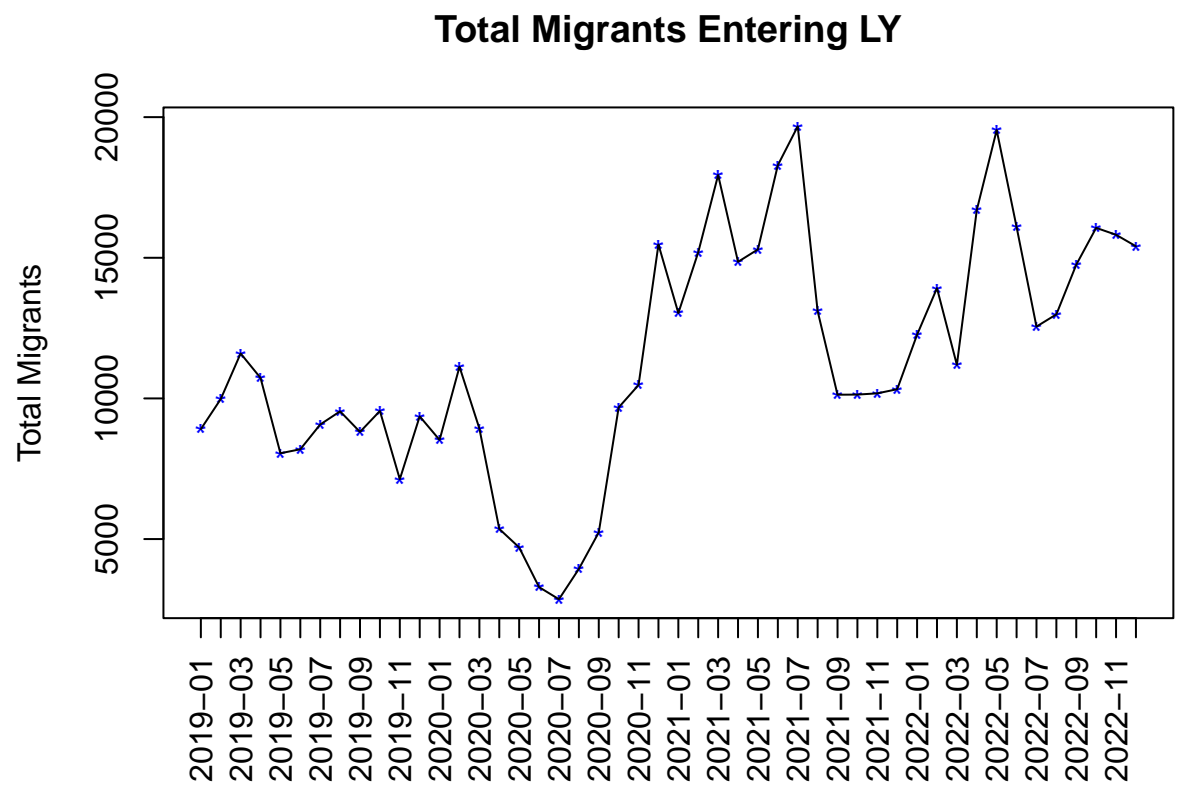# Total Migrants Entering LR

Total Migrants Entering LS
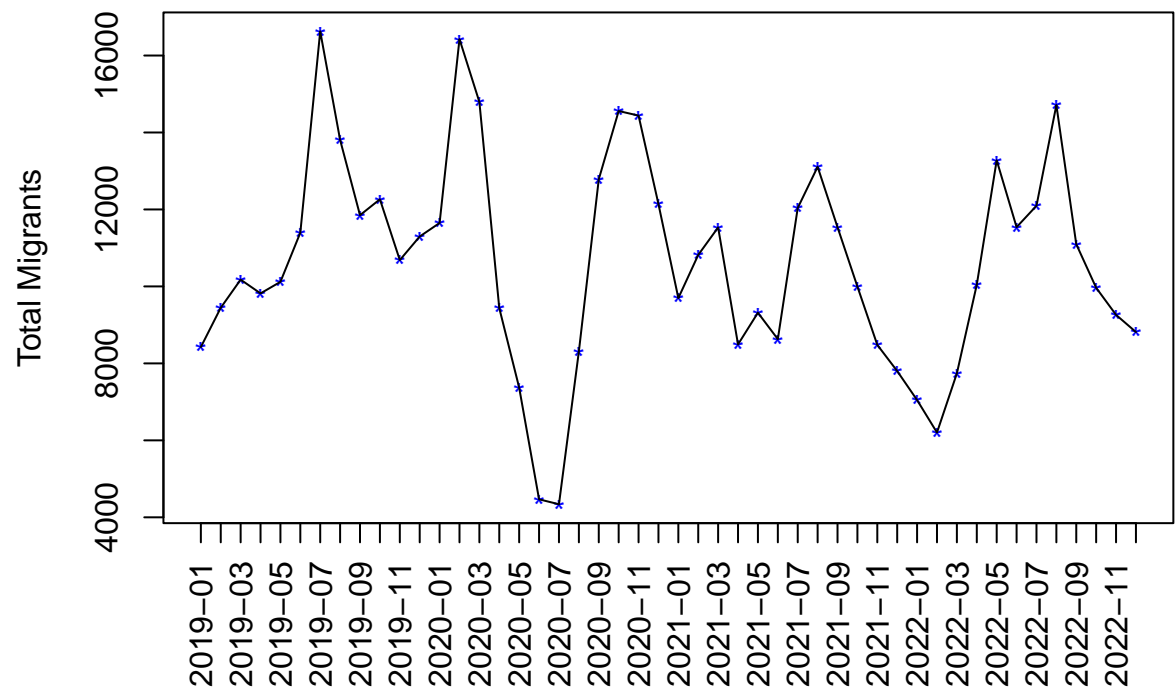
Total Migrants Entering LT
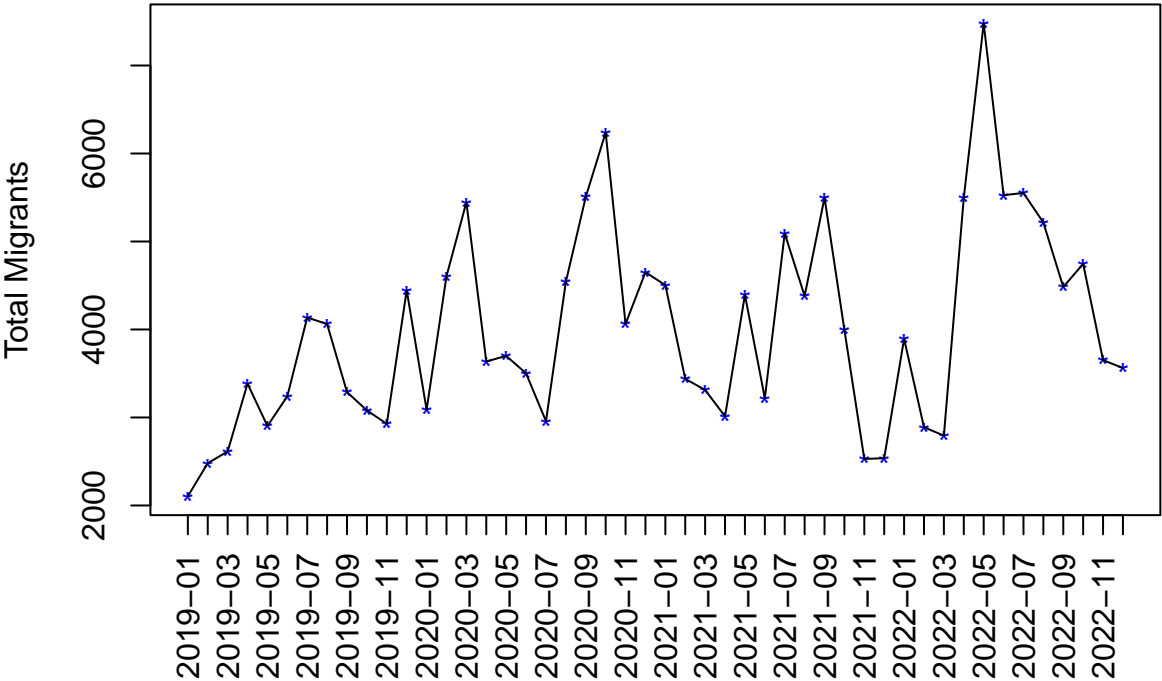
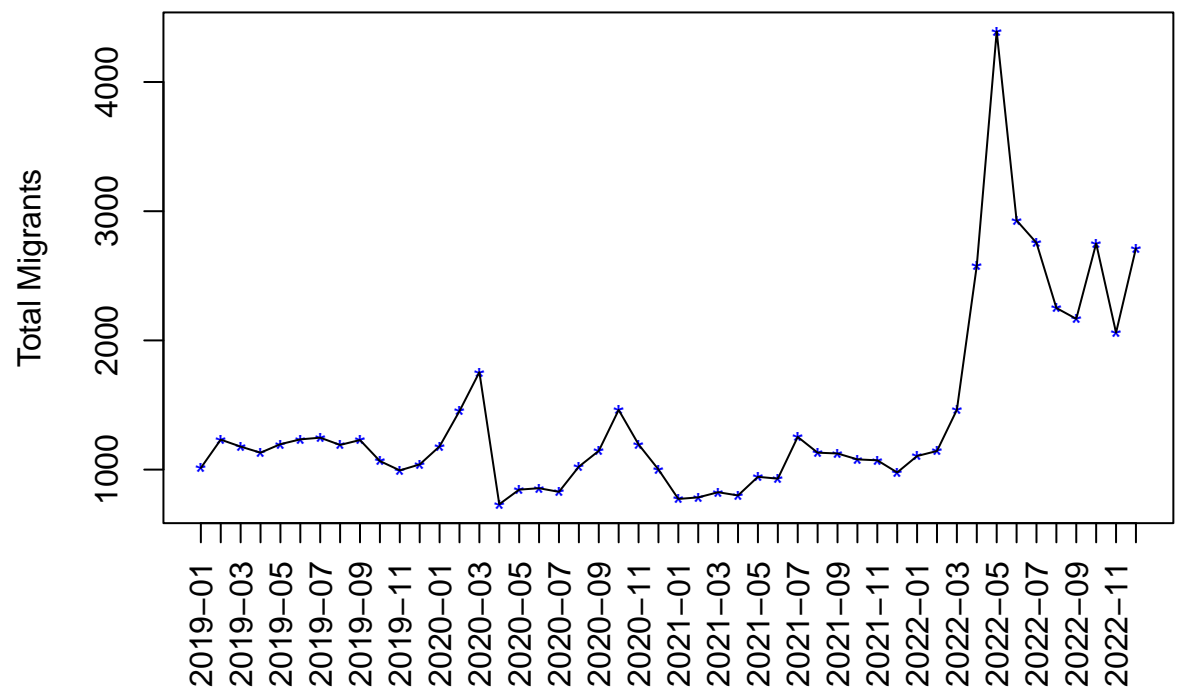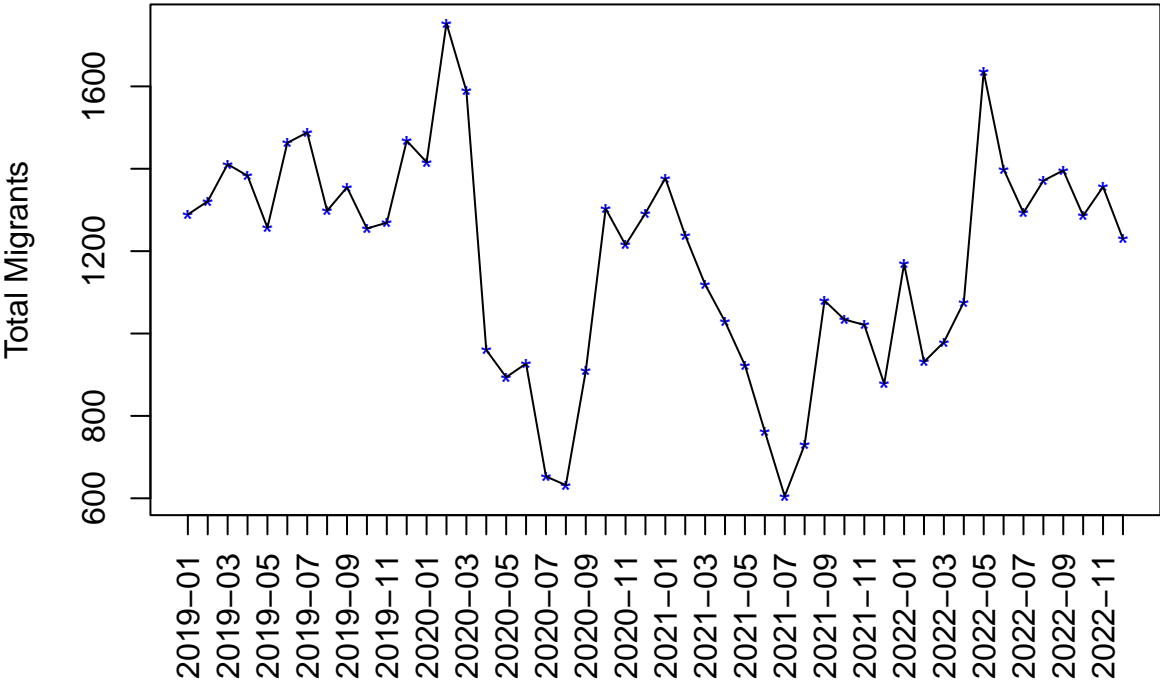# Total Migrants Entering LU

Total Migrants Entering LV

Total Migrants Entering LY

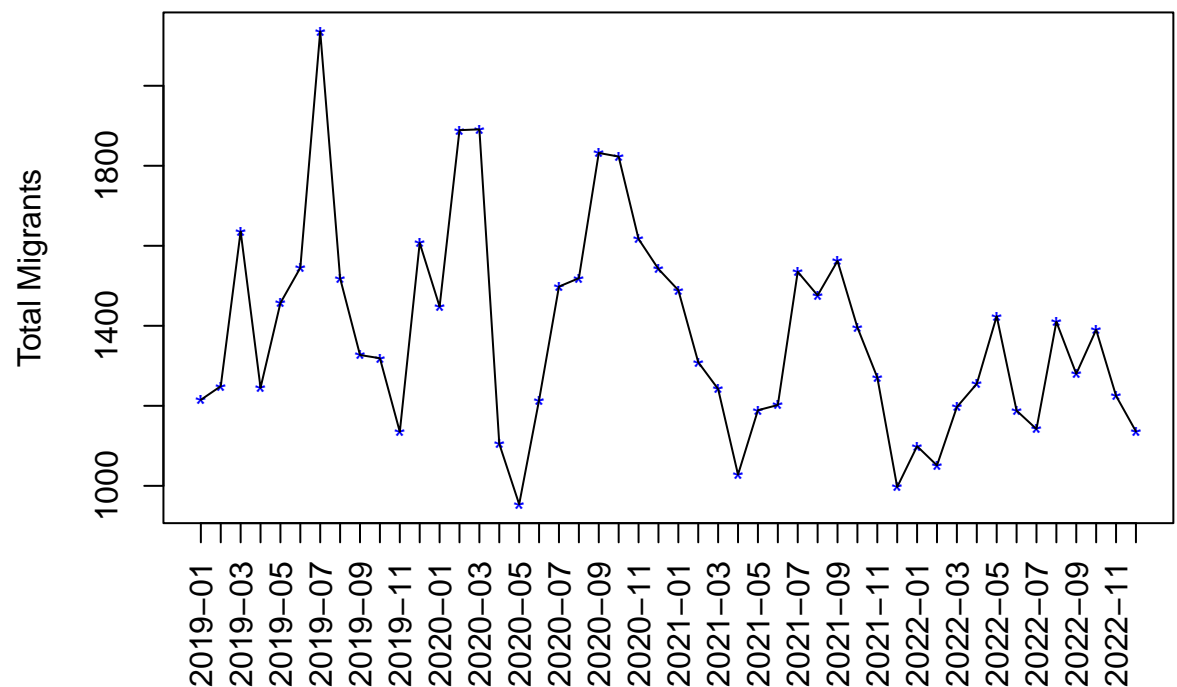# Total Migrants Entering MA
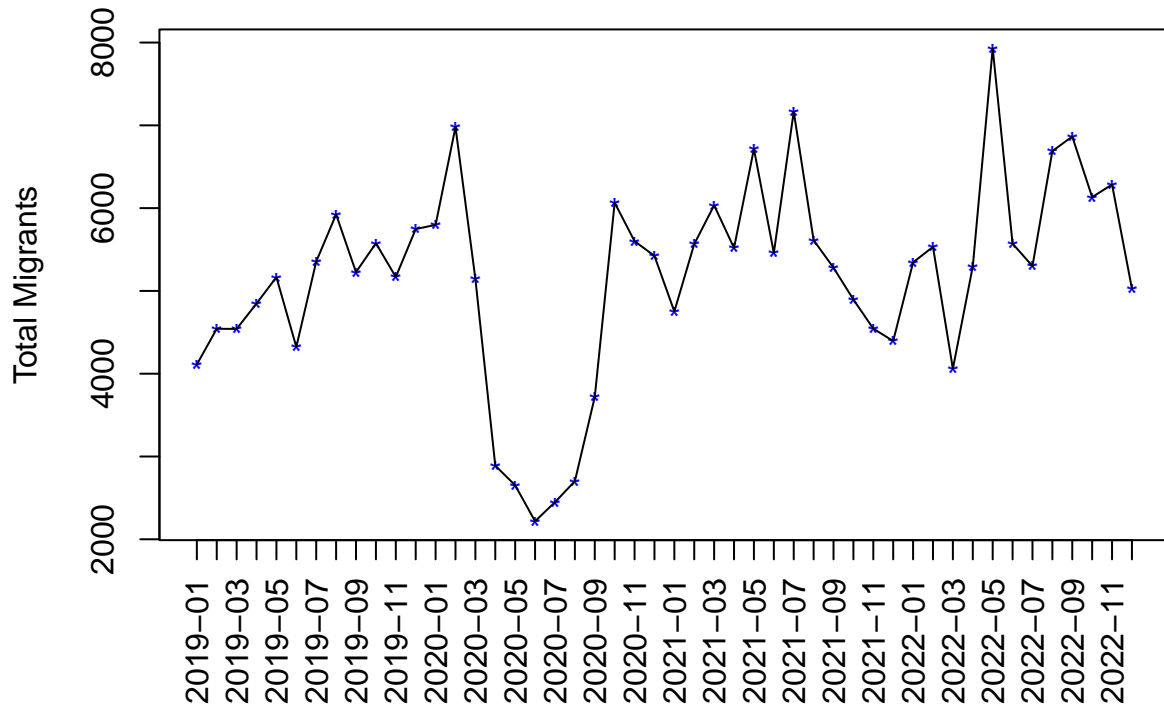
Total Migrants Entering MD
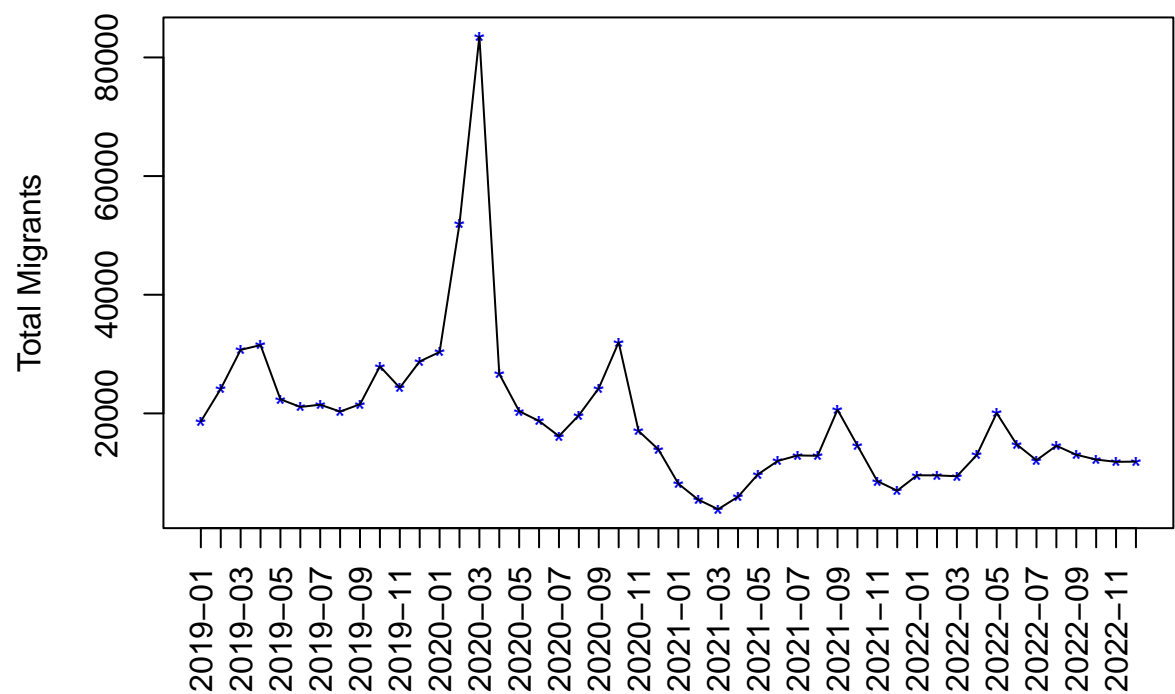
Total Migrants Entering ME
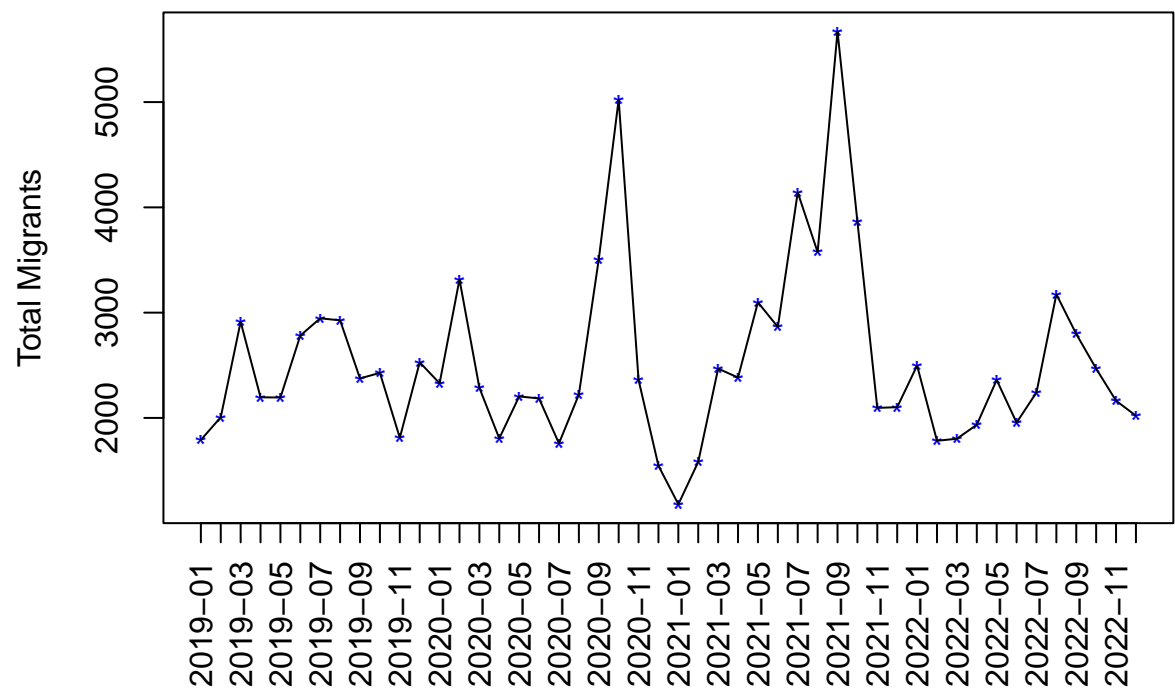
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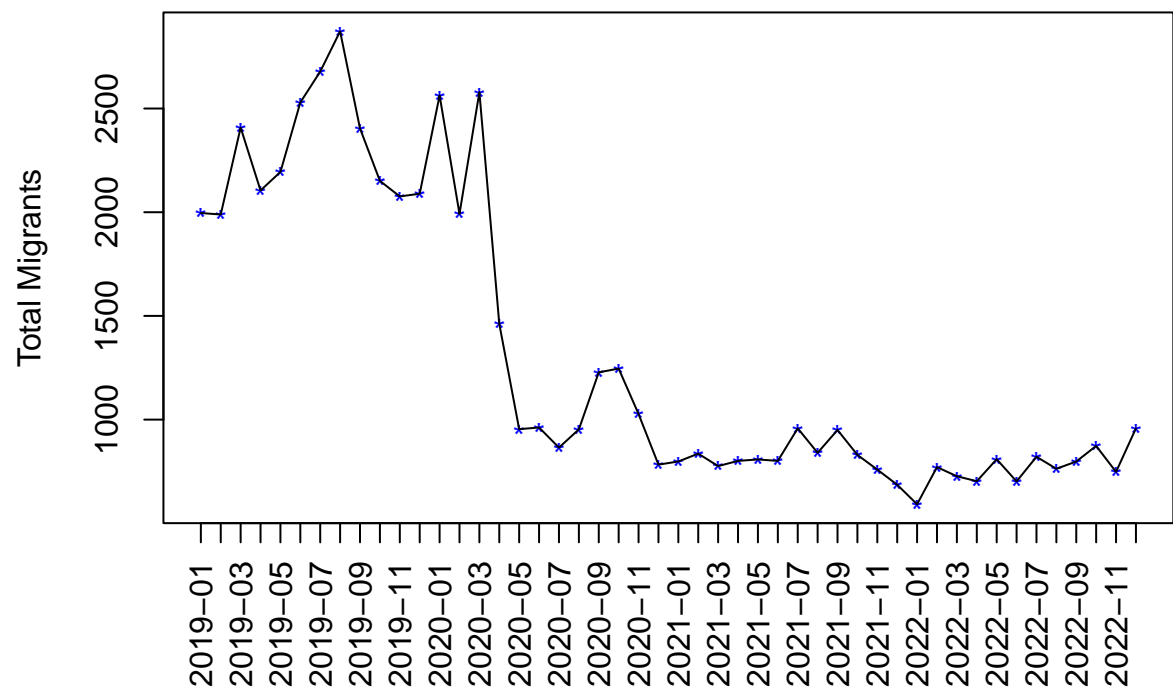
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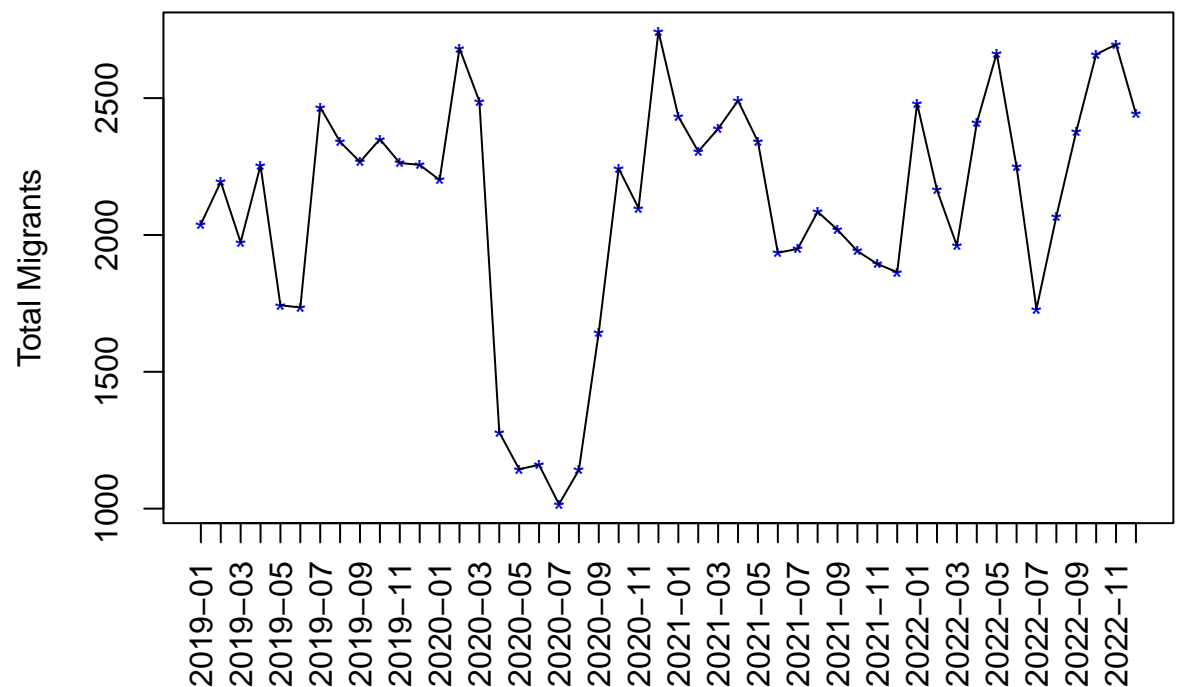
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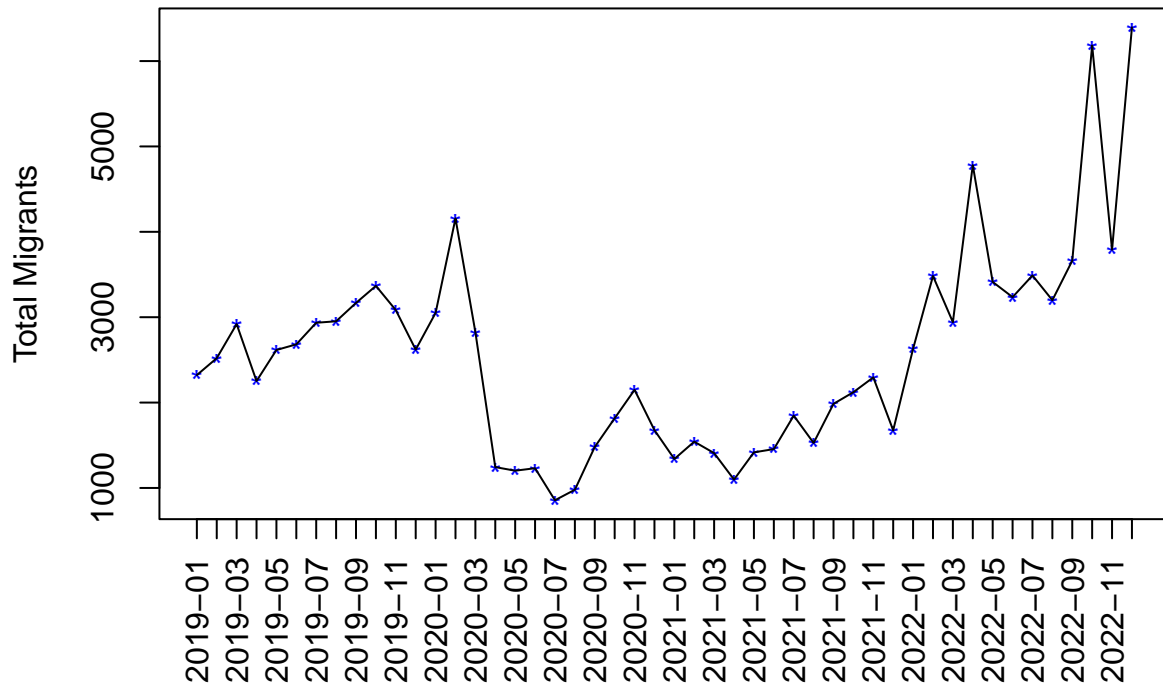
Total Migrants Entering MM
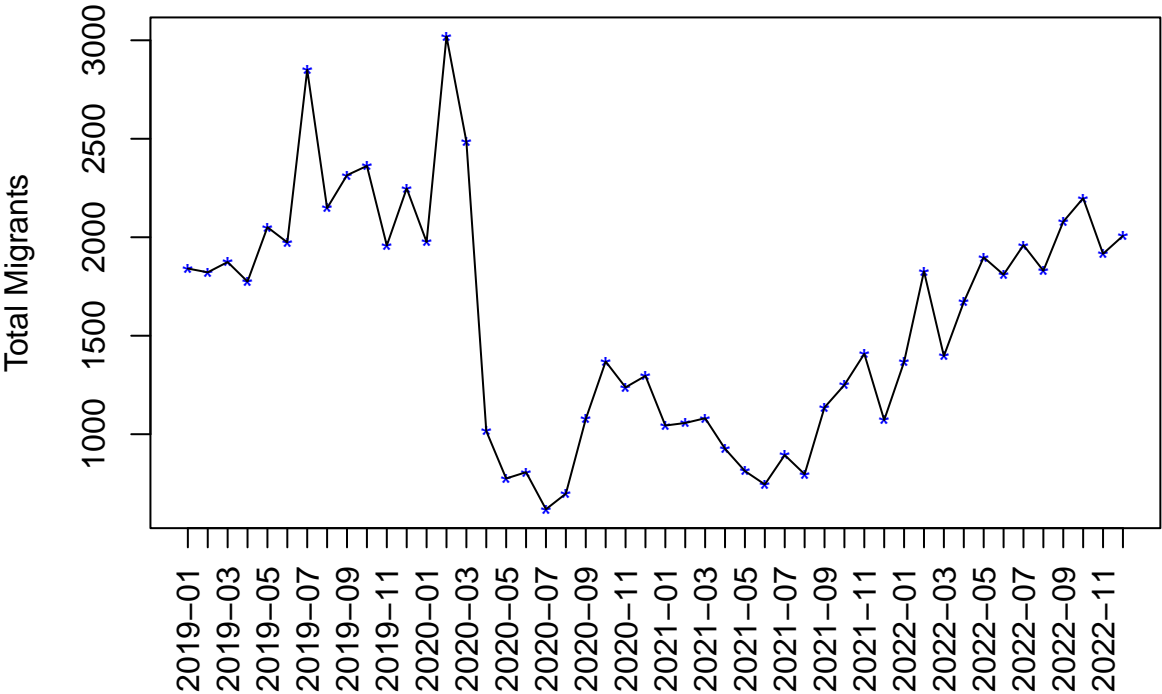
Total Migrants Entering MN
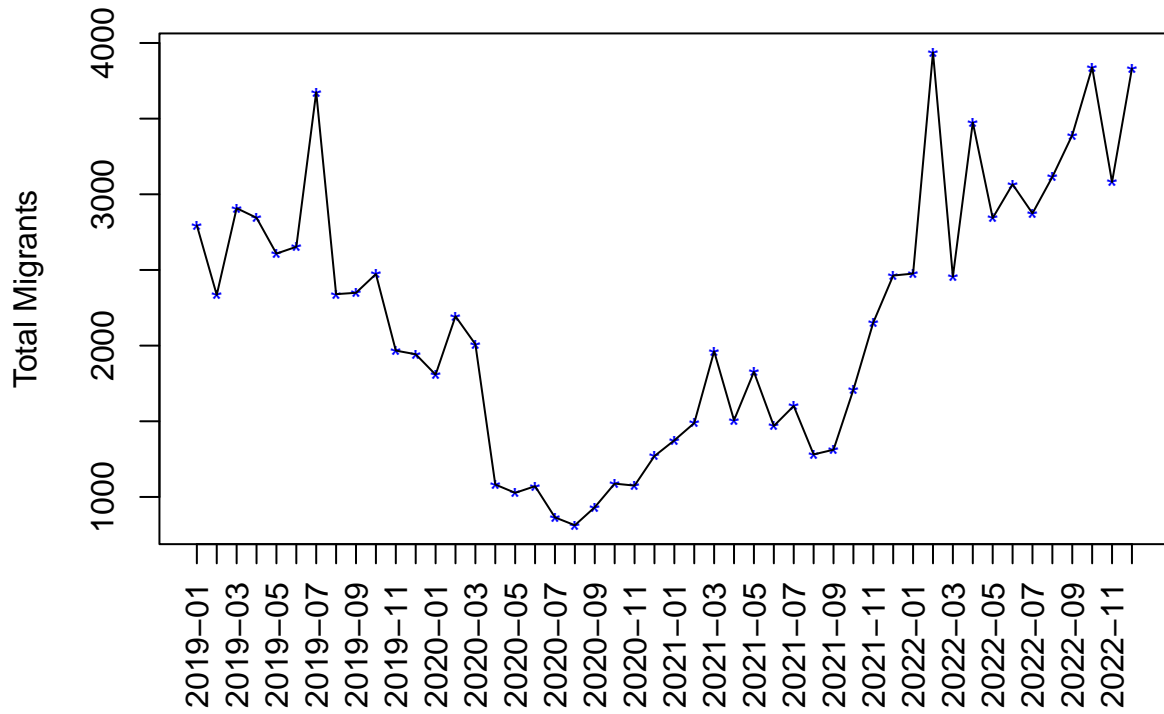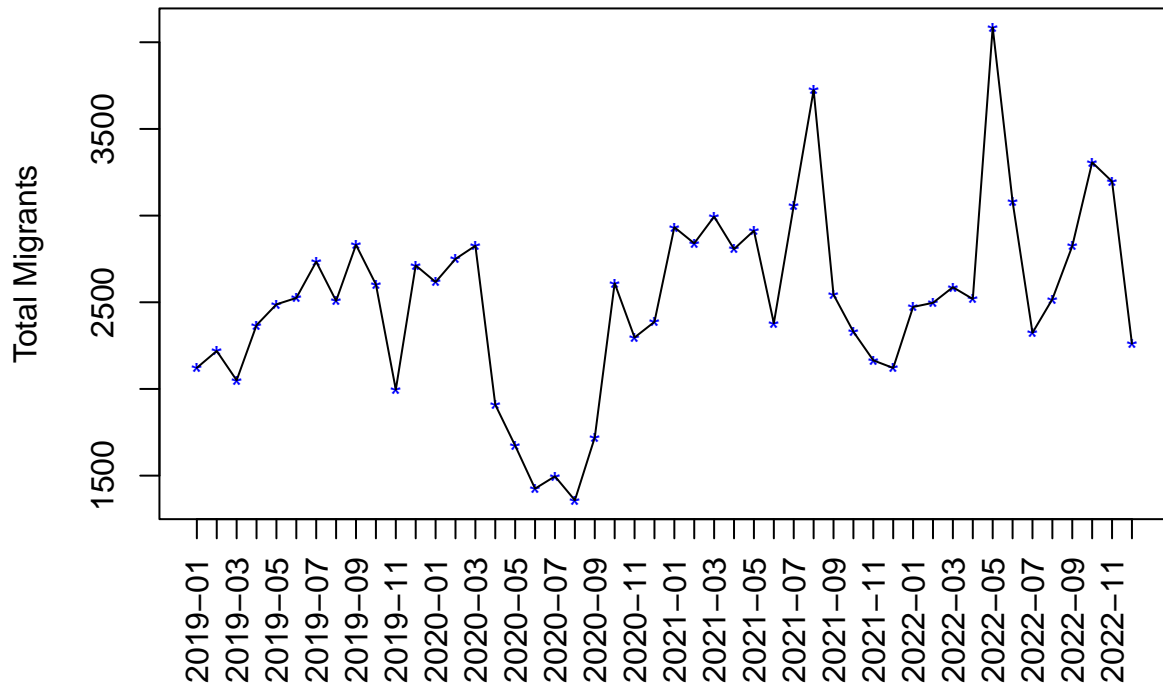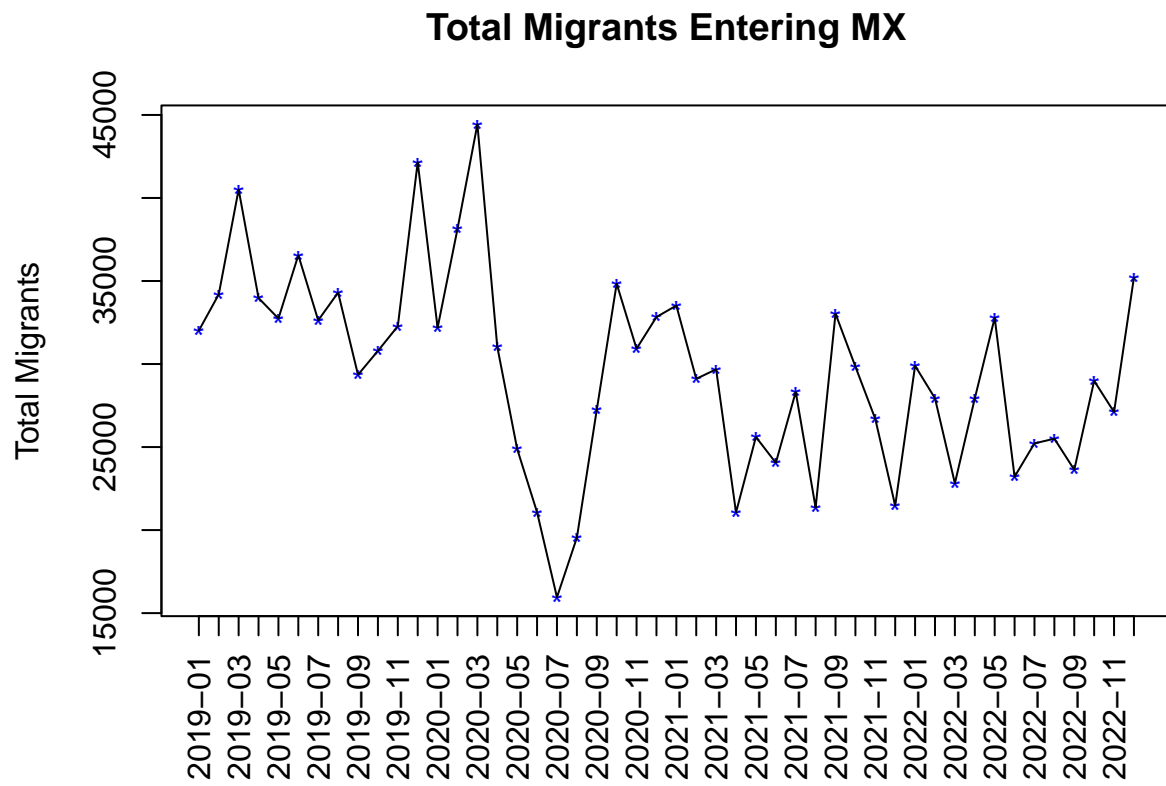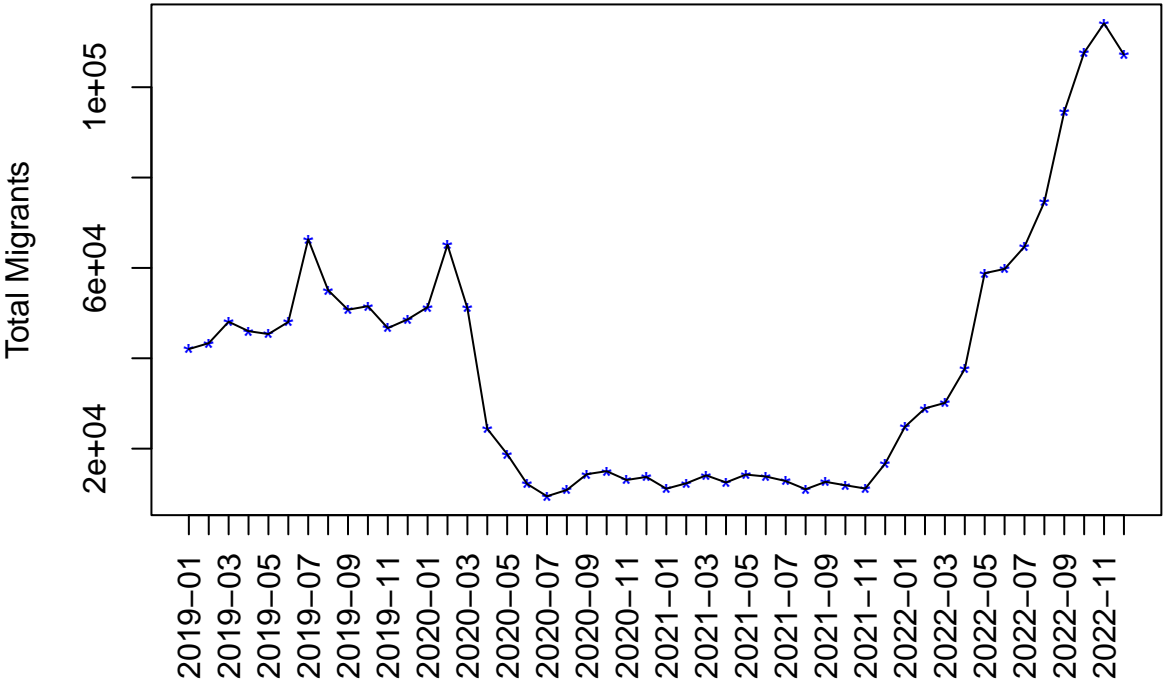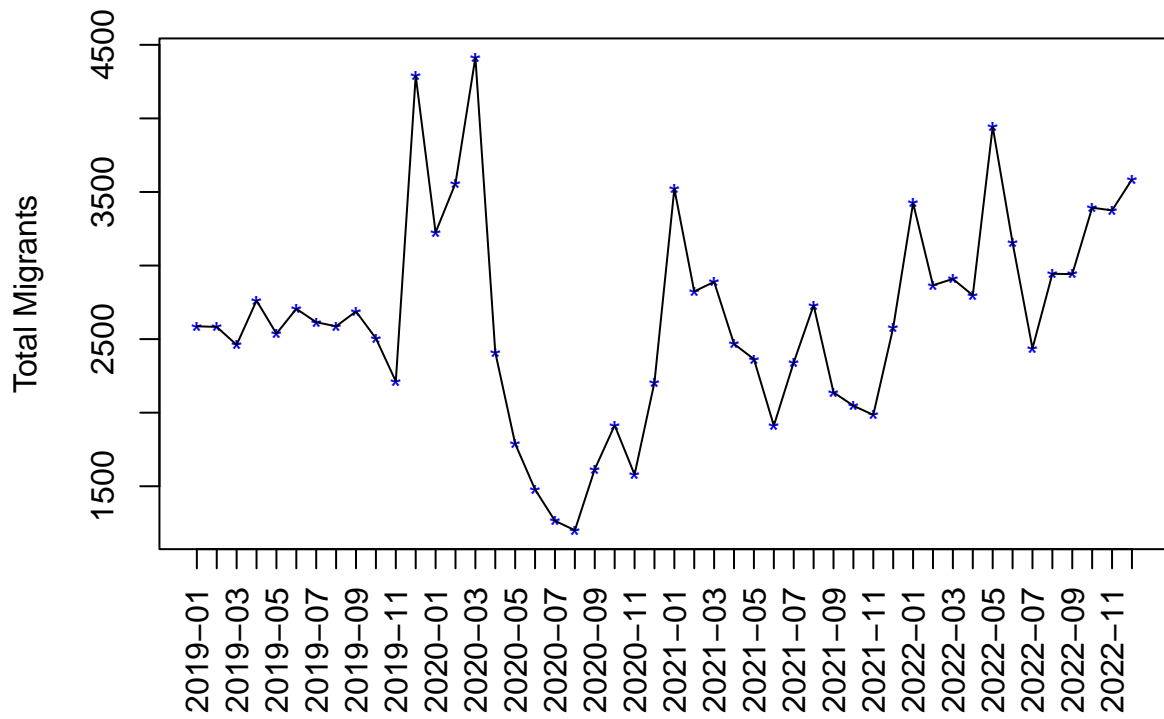
Total Migrants Entering MO

Total Migrants Entering MR

Total Migrants Entering MT

Total Migrants Entering MU

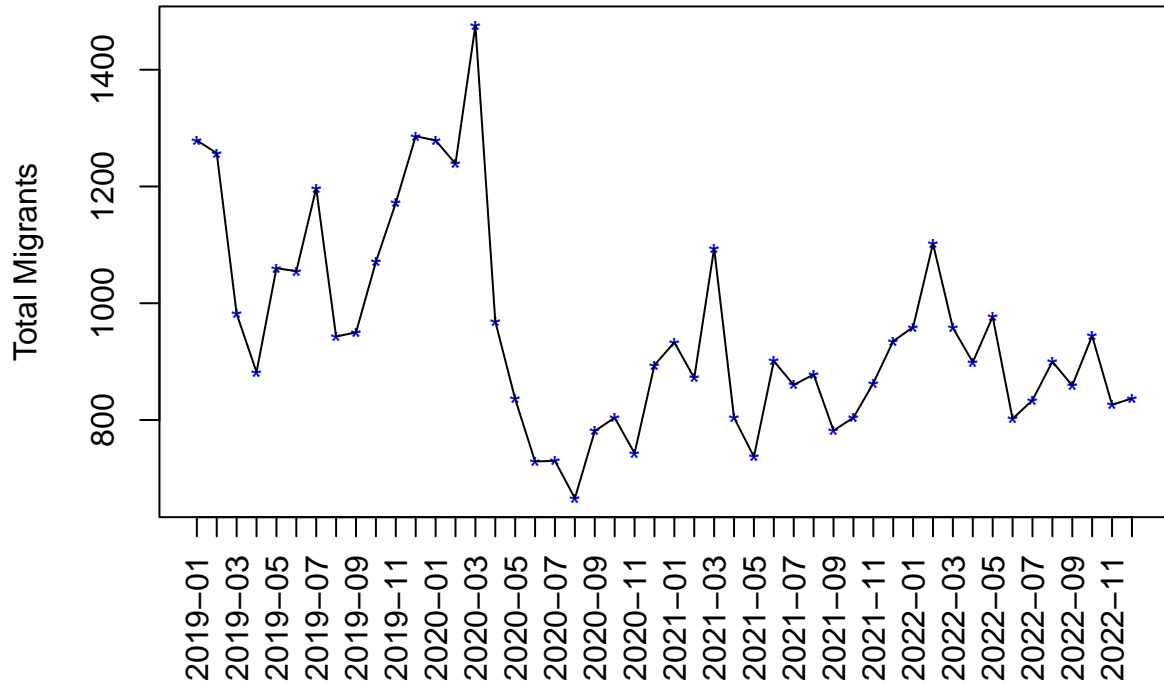# Total Migrants Entering MV

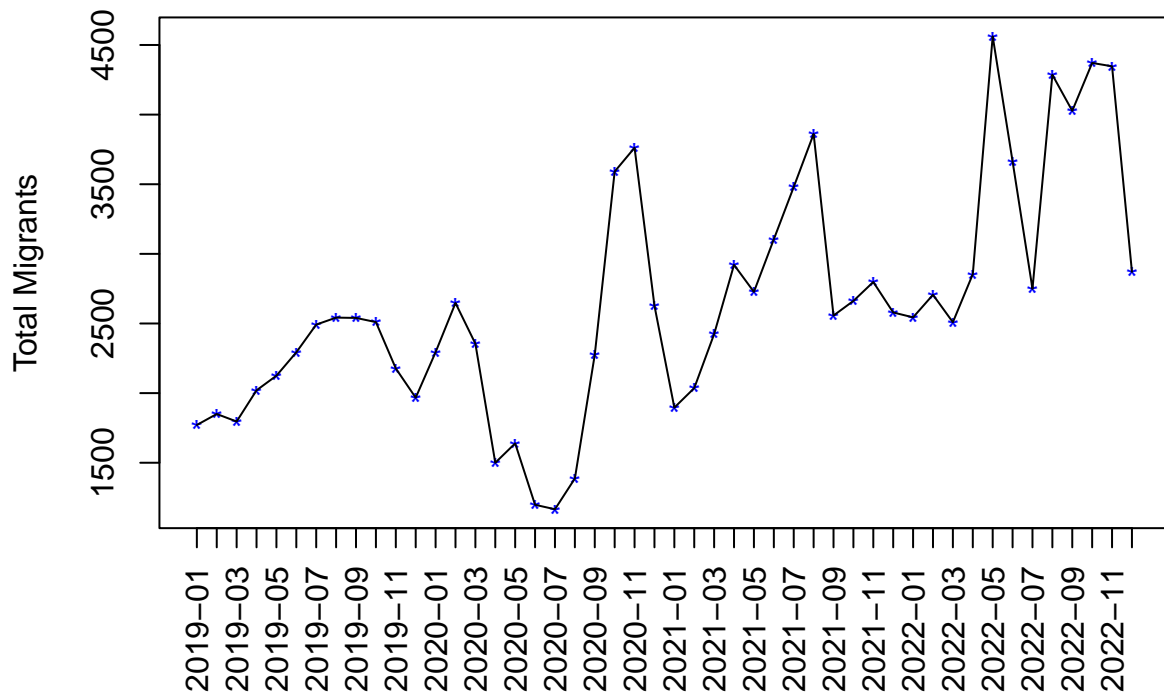# Total Migrants Entering MW

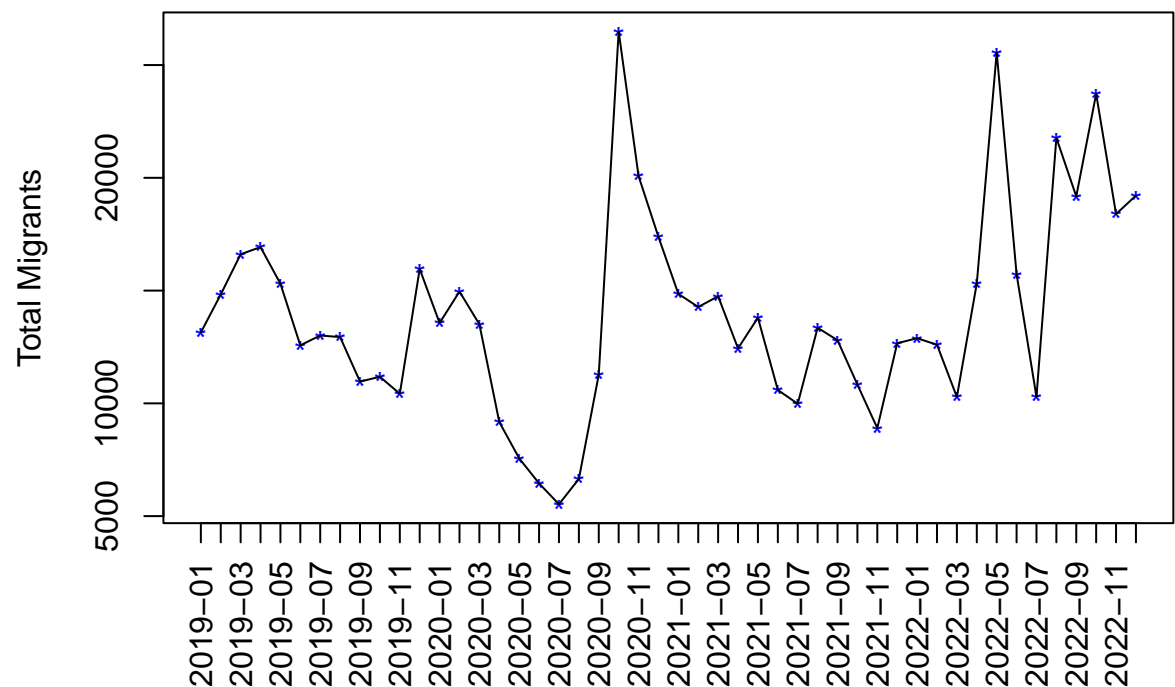# Total Migrants Entering MX

Total Migrants Entering MY
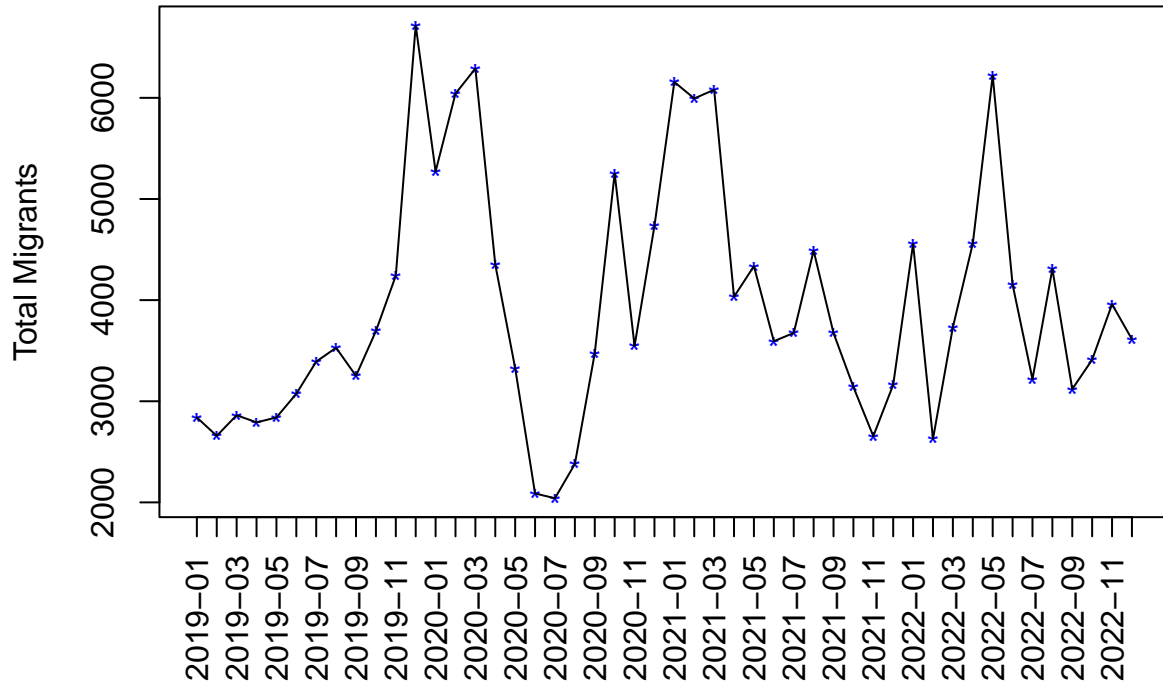
Total Migrants Entering MZ
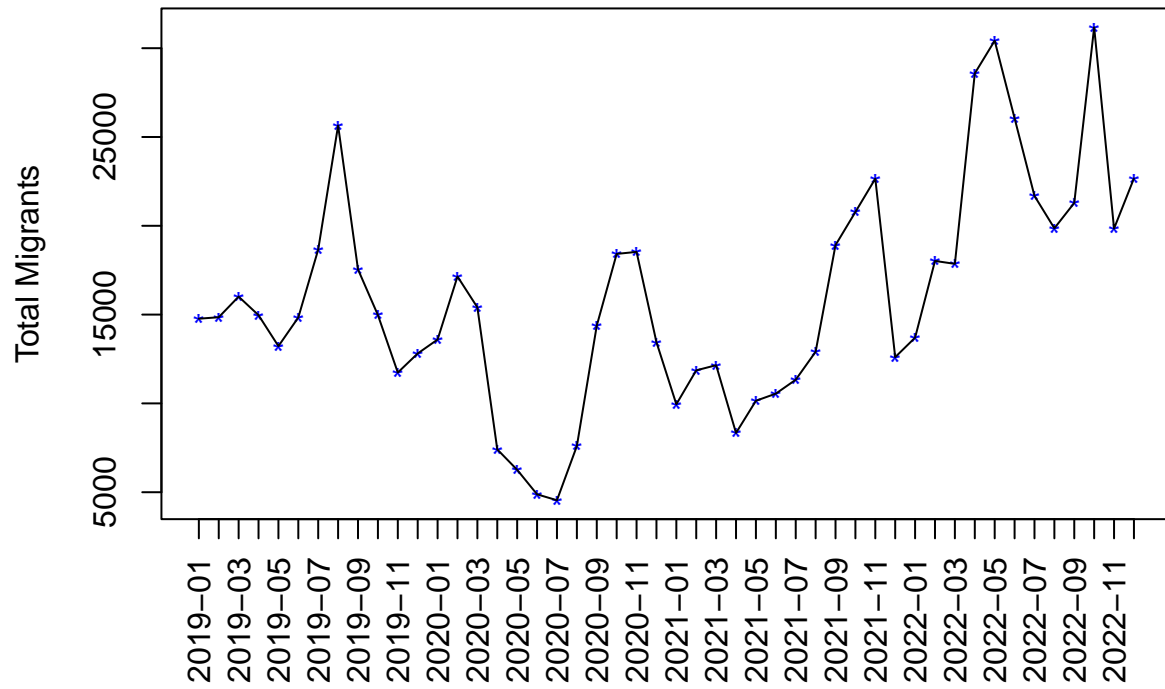
Total Migrants Entering NB
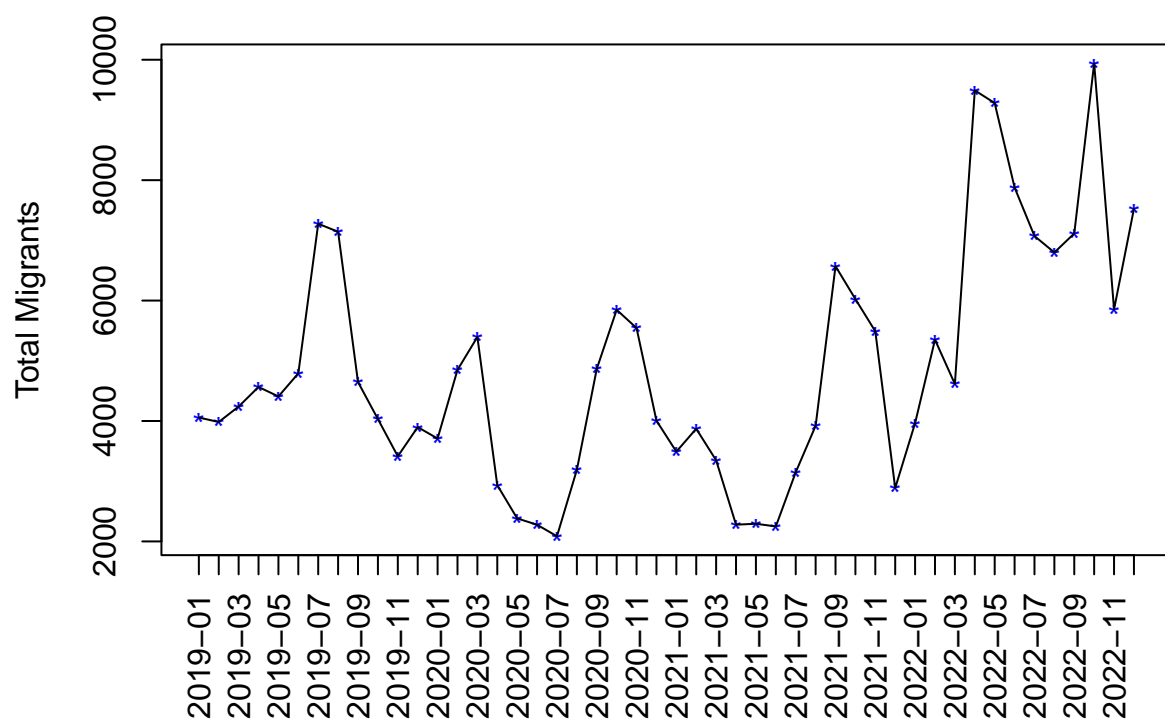
Total Migrants Entering NE
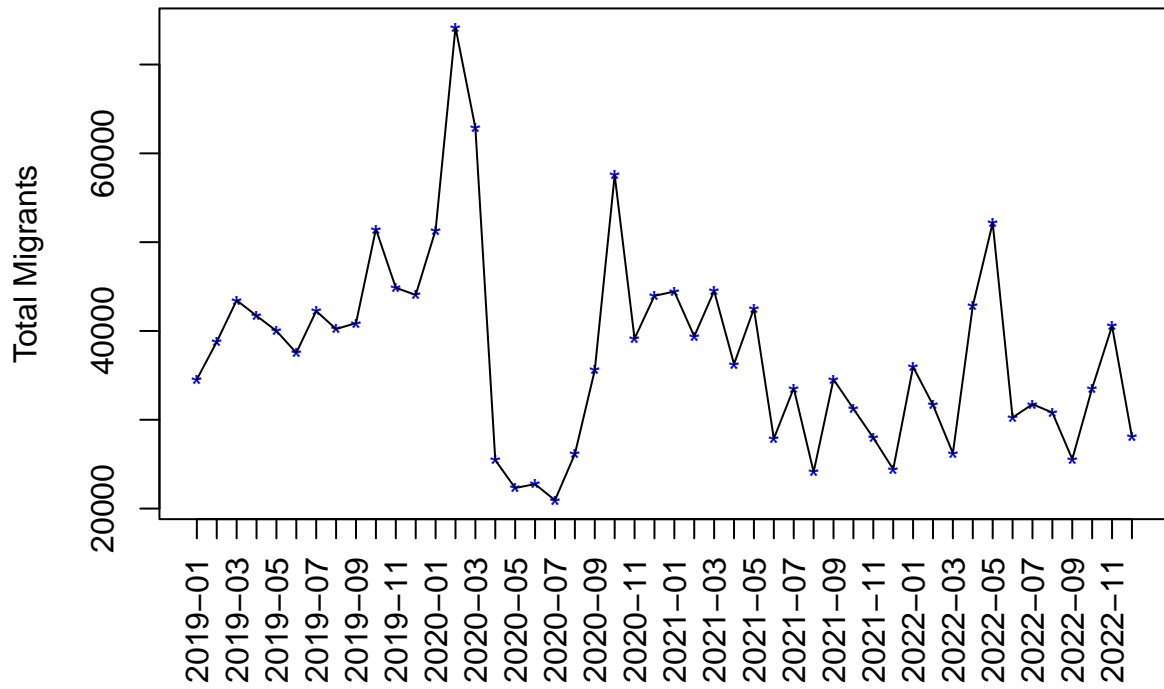
Total Migrants Entering NG

Total Migrants Entering NI
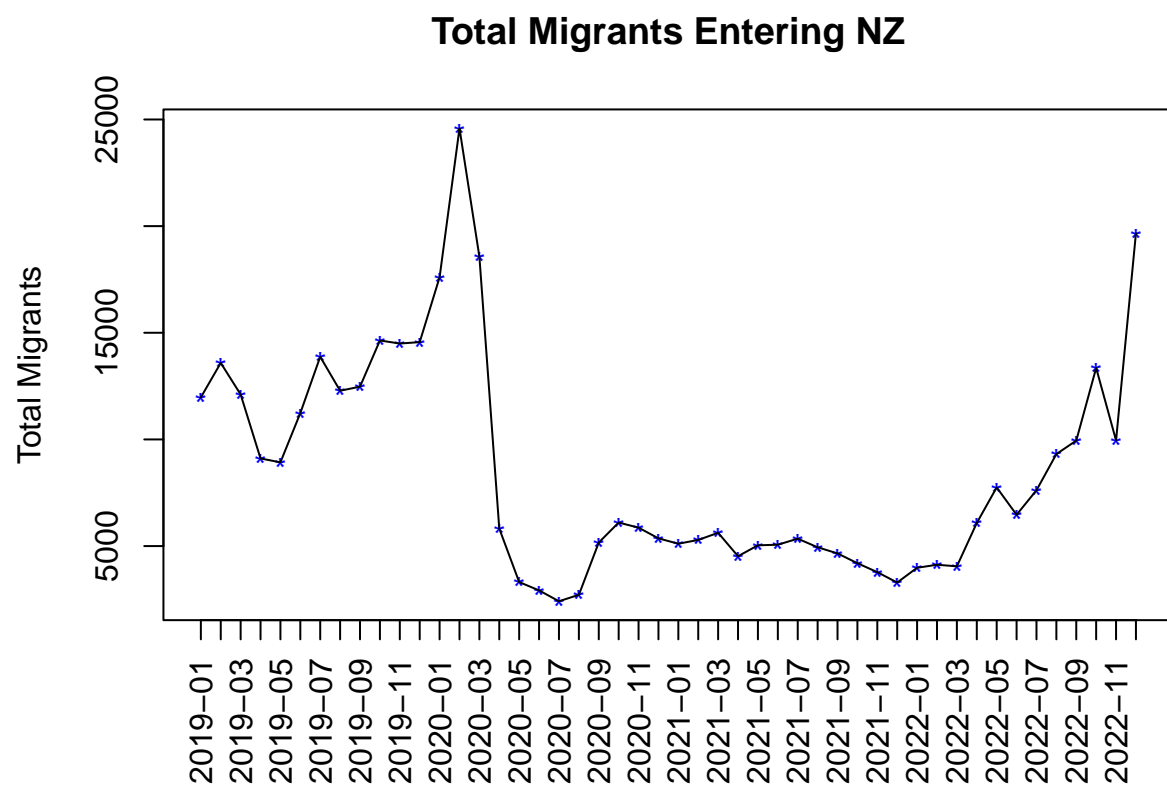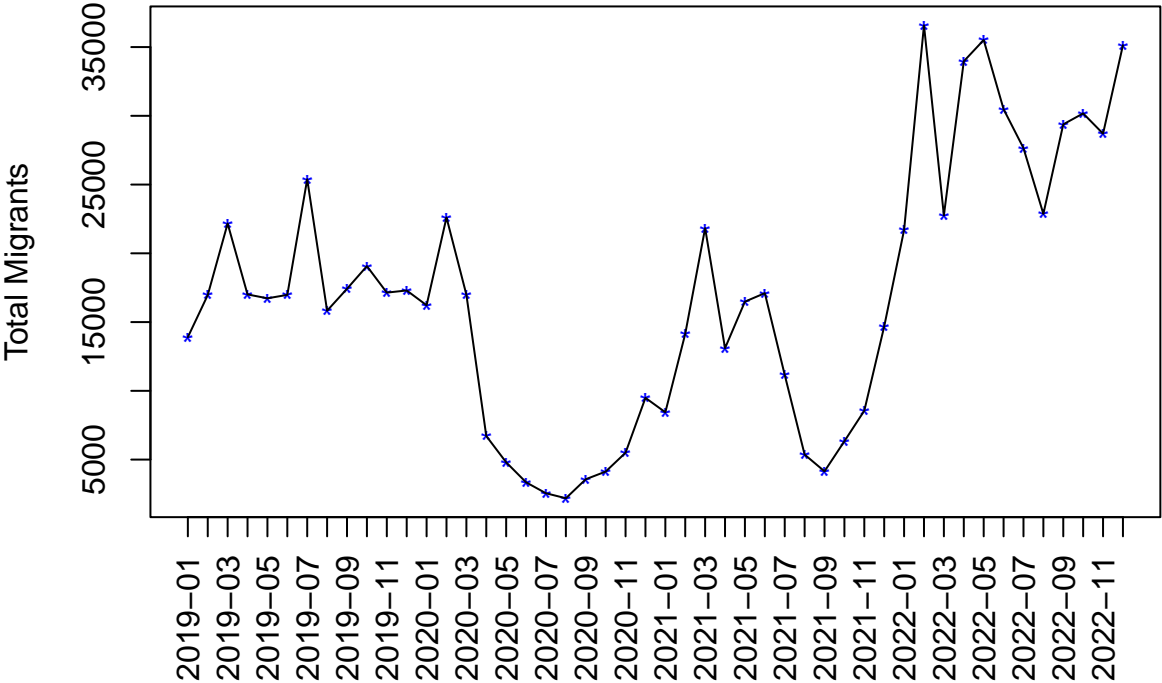
Total Migrants Entering NL

Total Migrants Entering NO

Total Migrants Entering NP
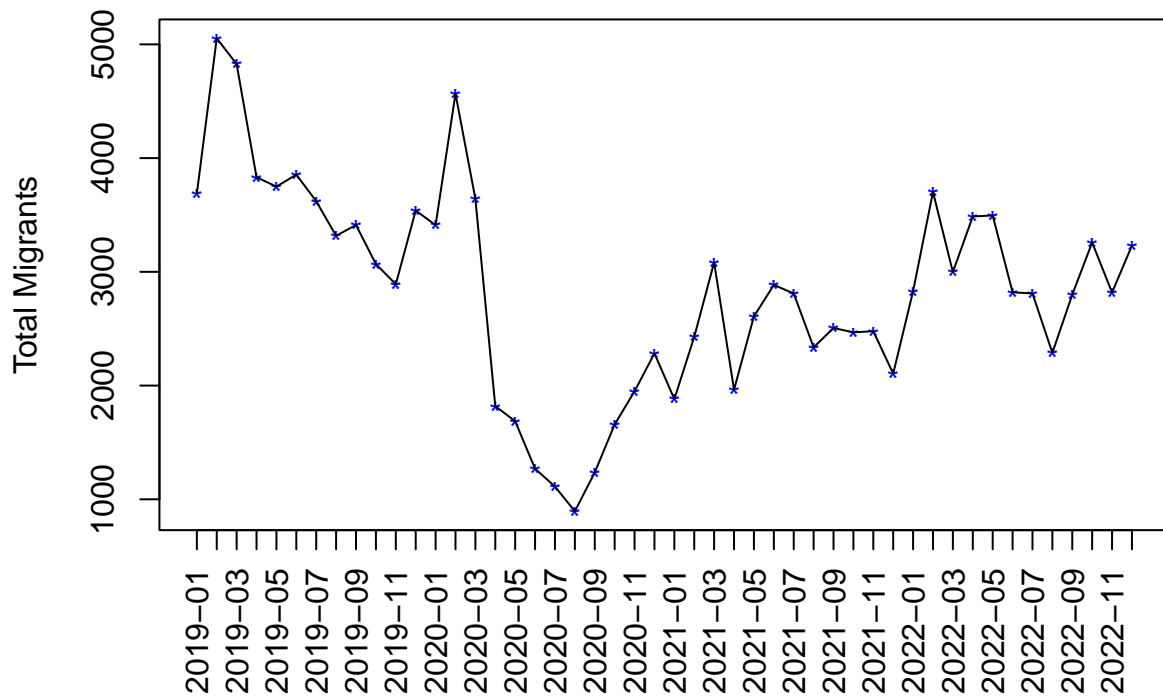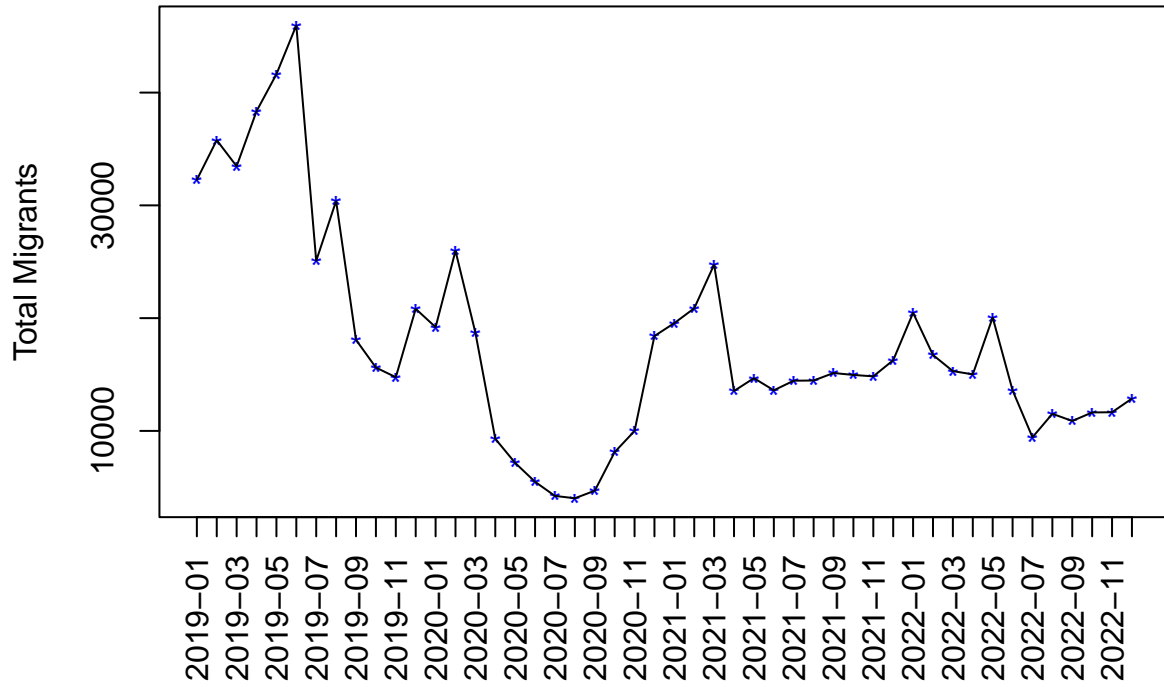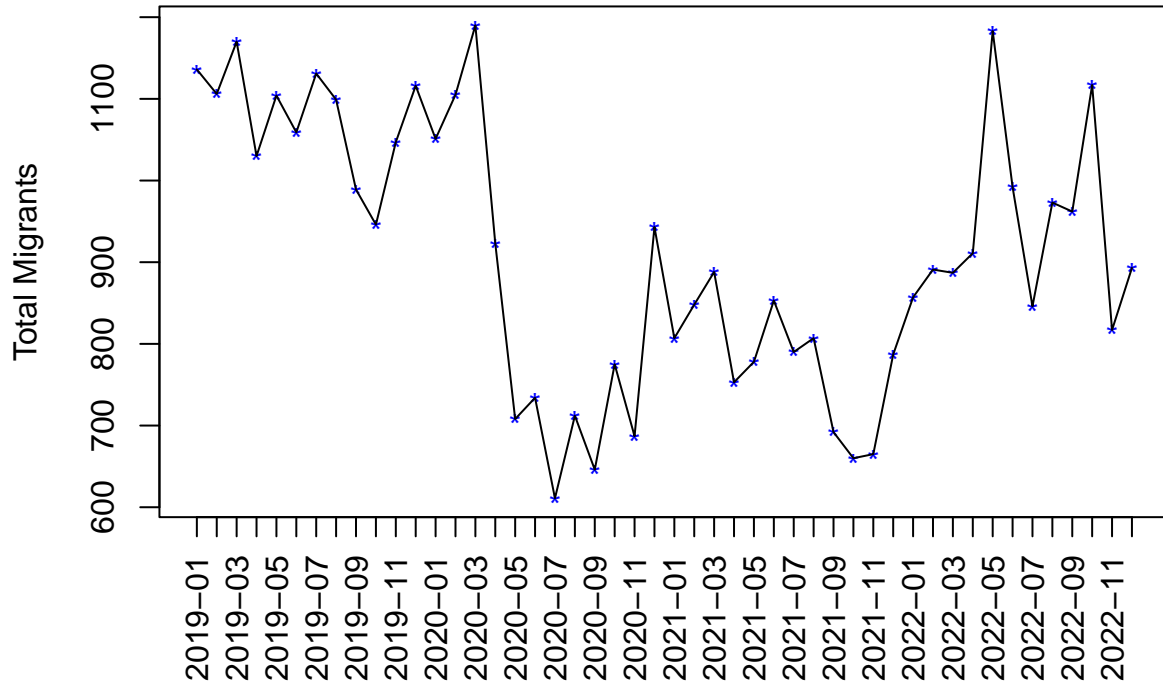
Total Migrants Entering NZ

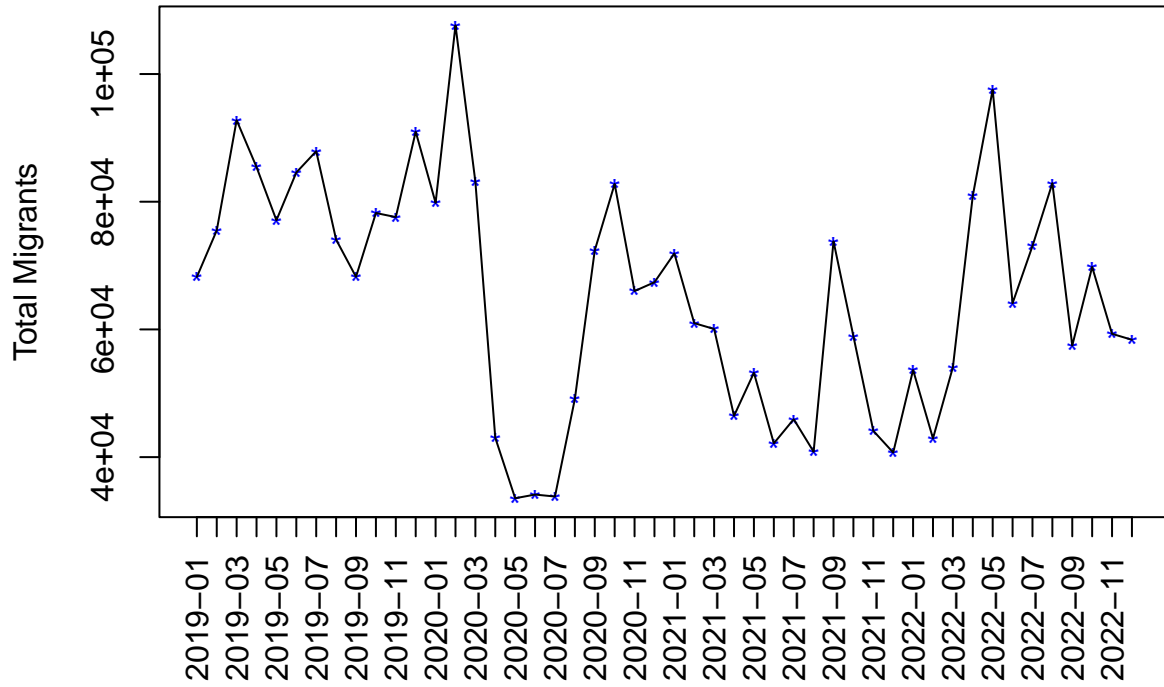# Total Migrants Entering OM
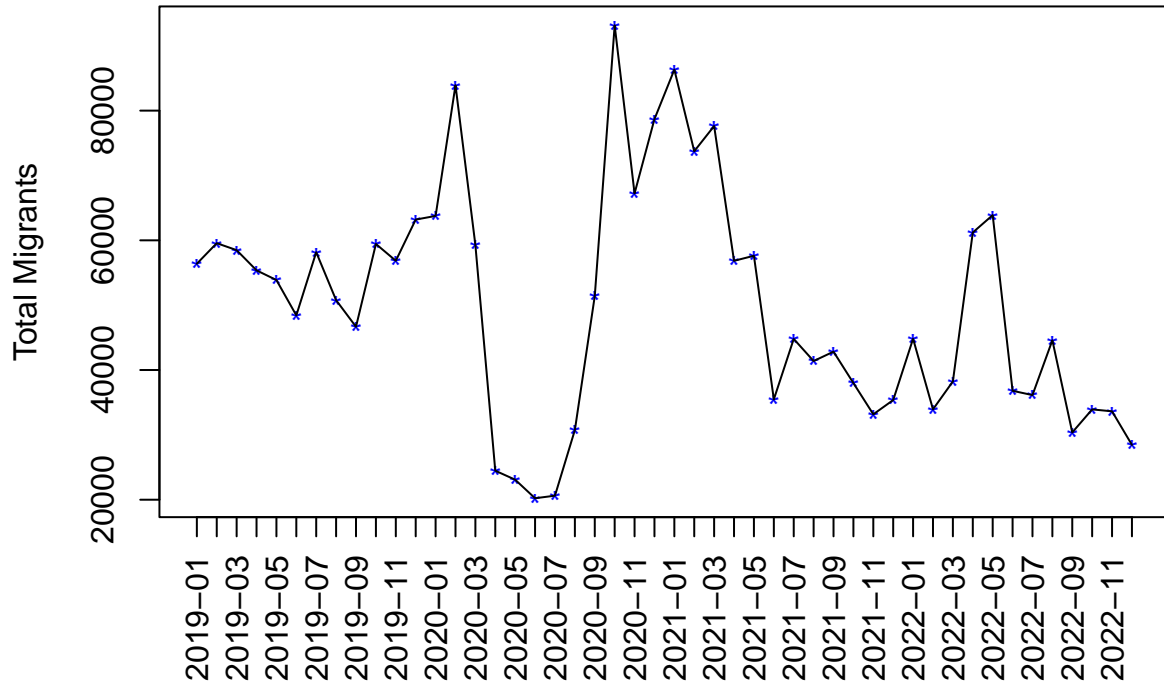
Total Migrants Entering PA
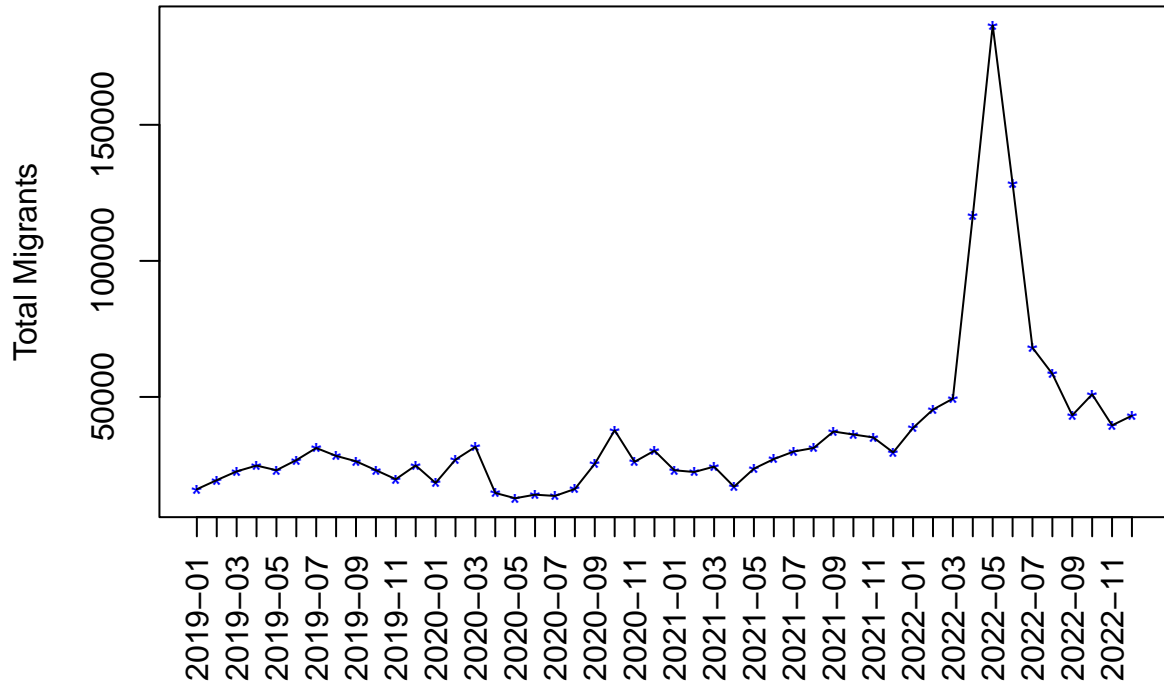
Total Migrants Entering PE

Total Migrants Entering PG
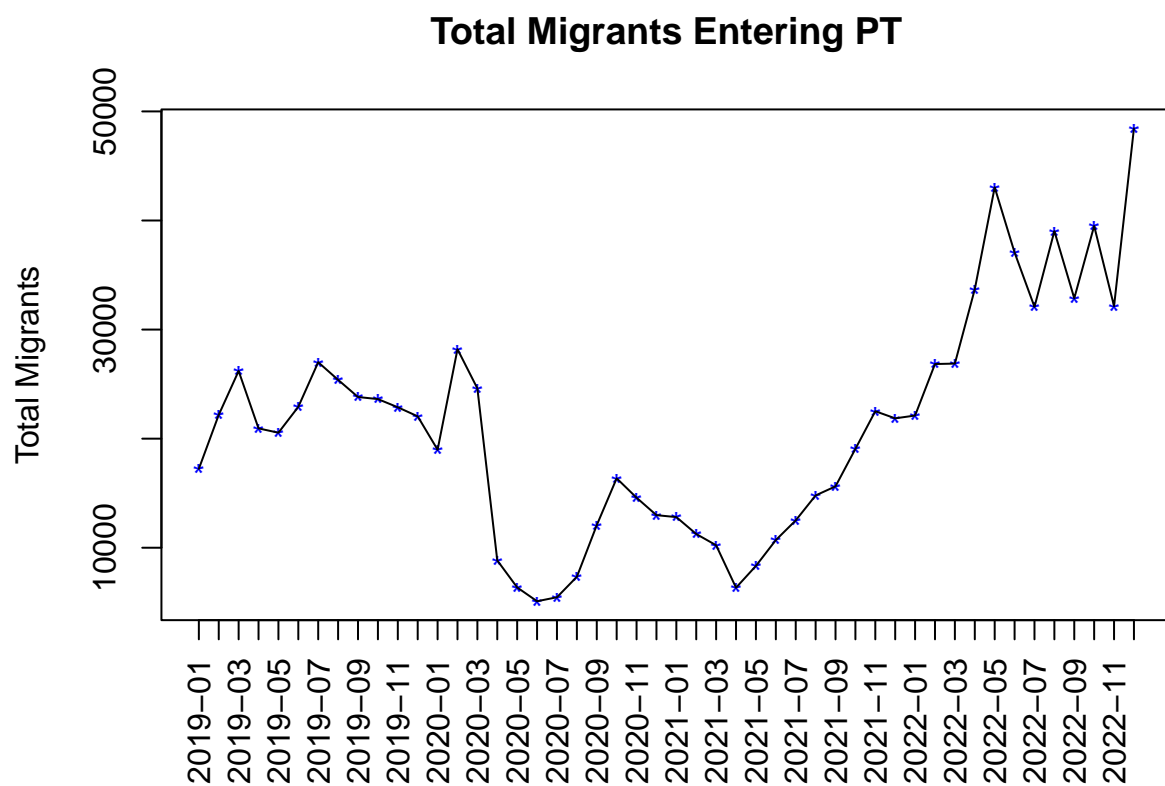
Total Migrants Entering PH
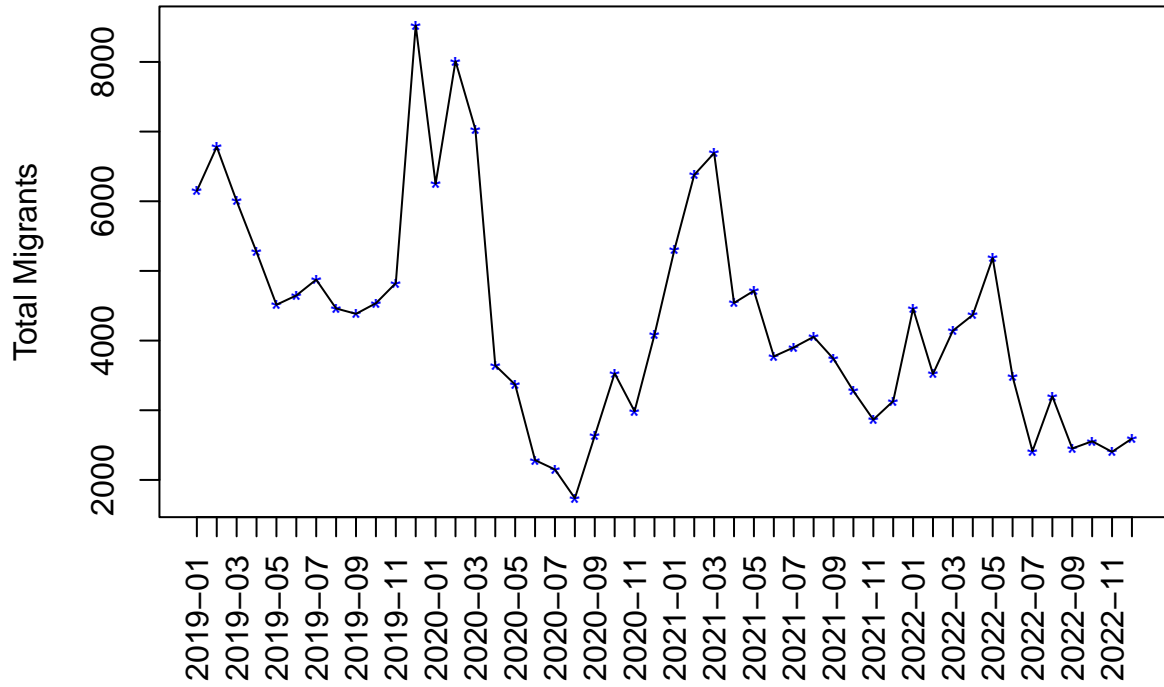
Total Migrants Entering PK

Total Migrants Entering PL
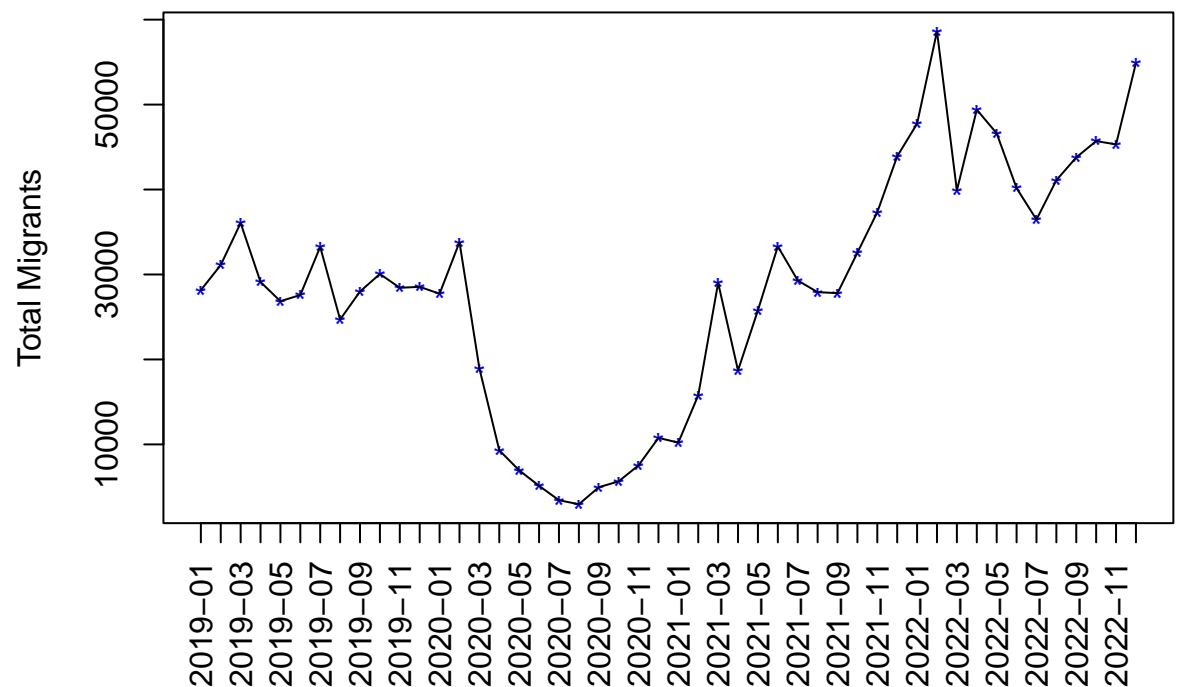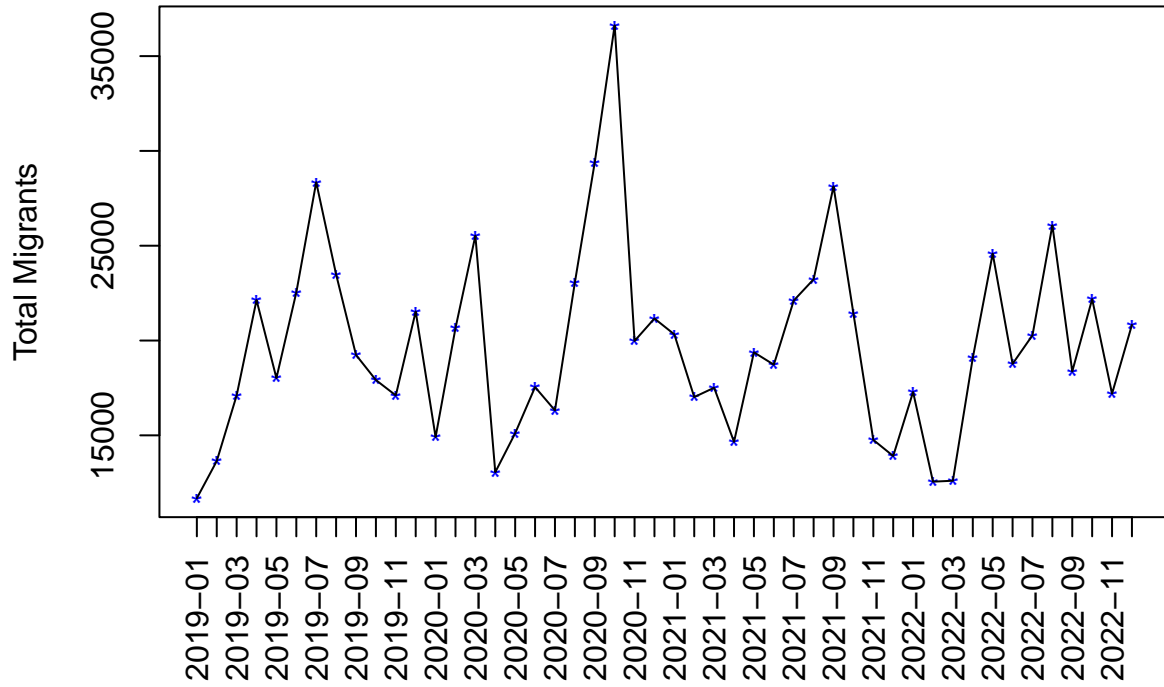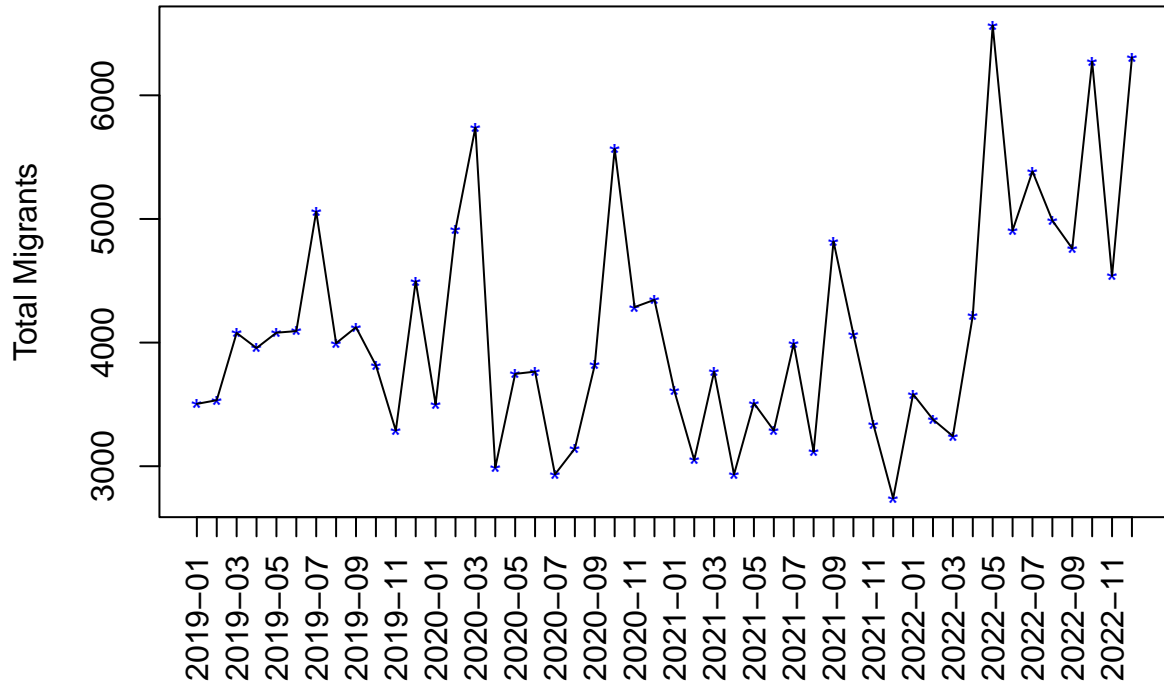
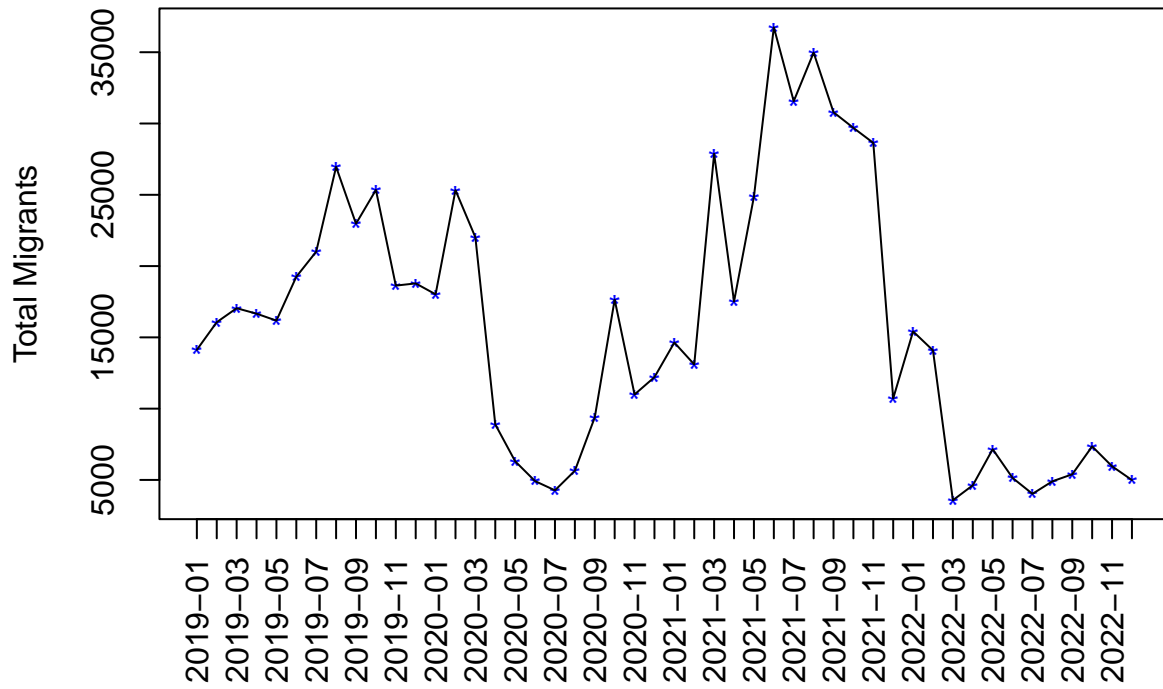# Total Migrants Entering PT

Total Migrants Entering PY
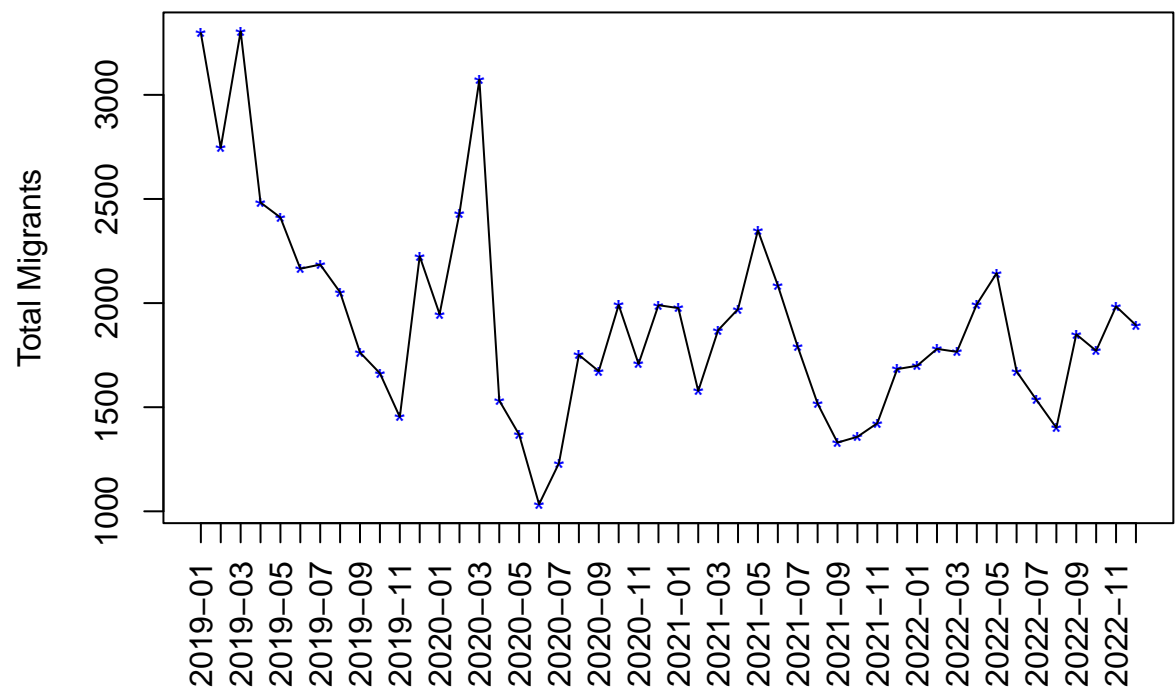
Total Migrants Entering QA
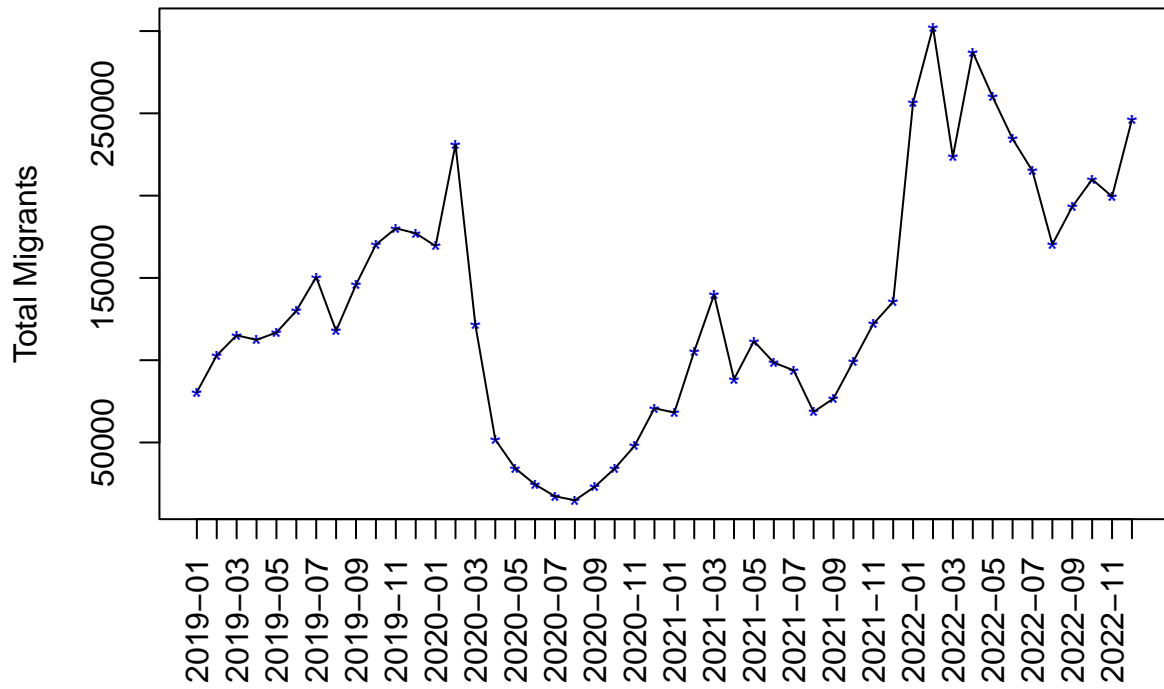
Total Migrants Entering RO
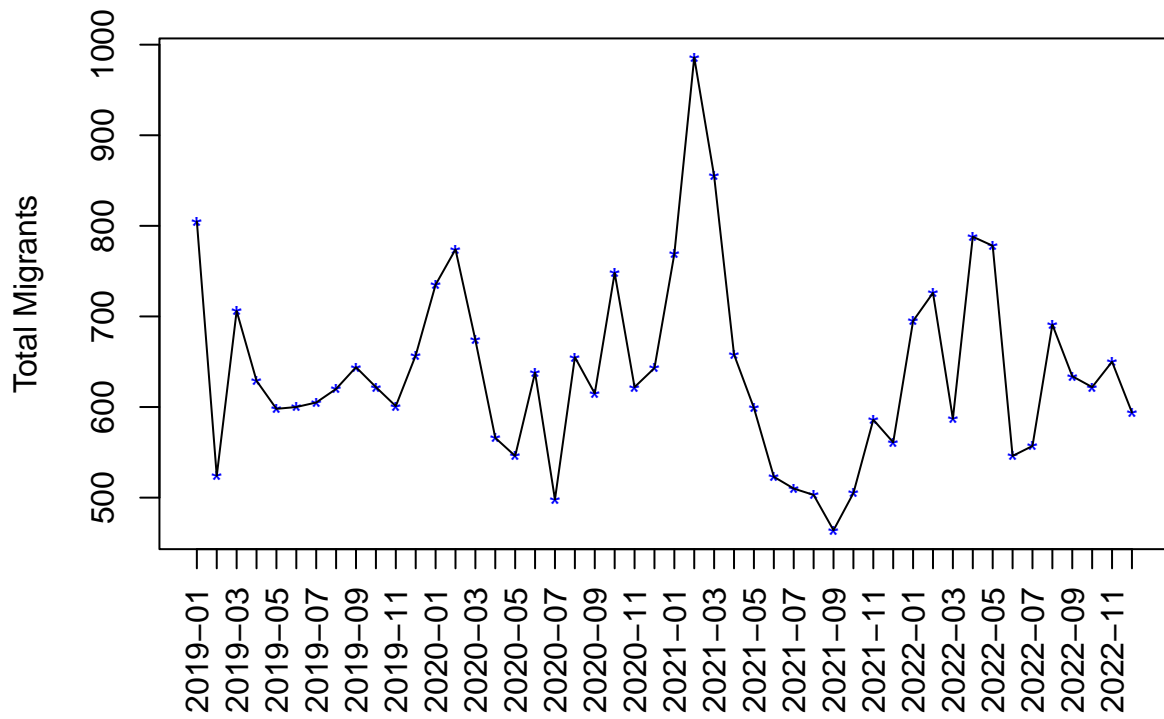
Total Migrants Entering RS
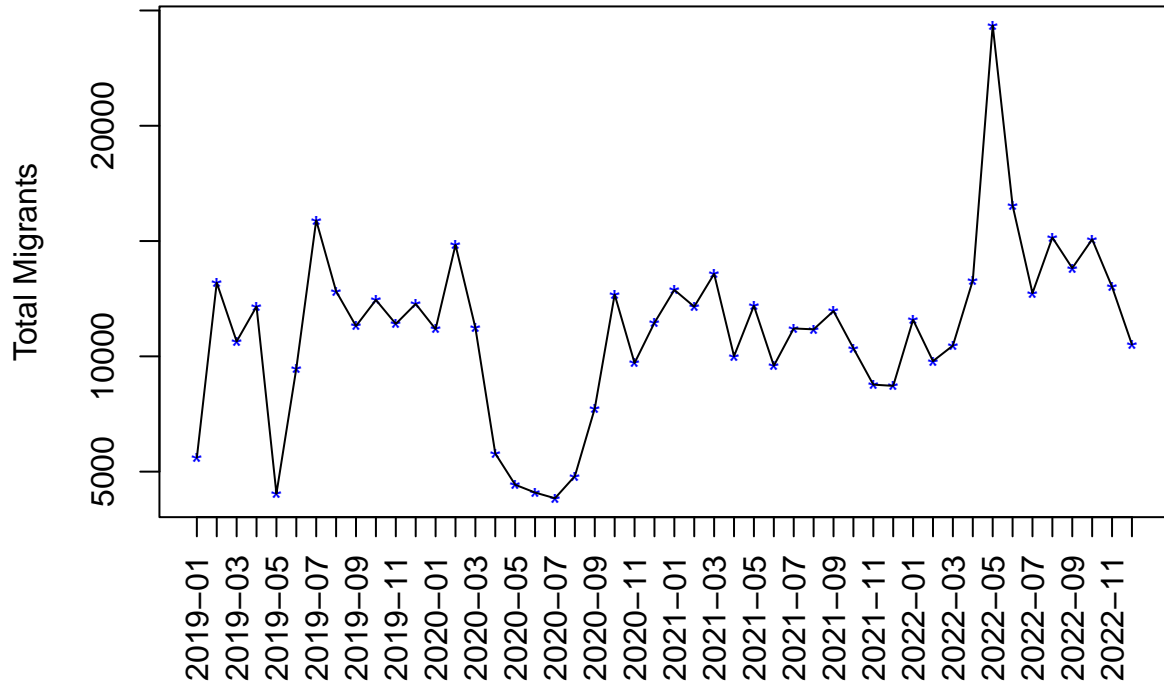
Total Migrants Entering RU
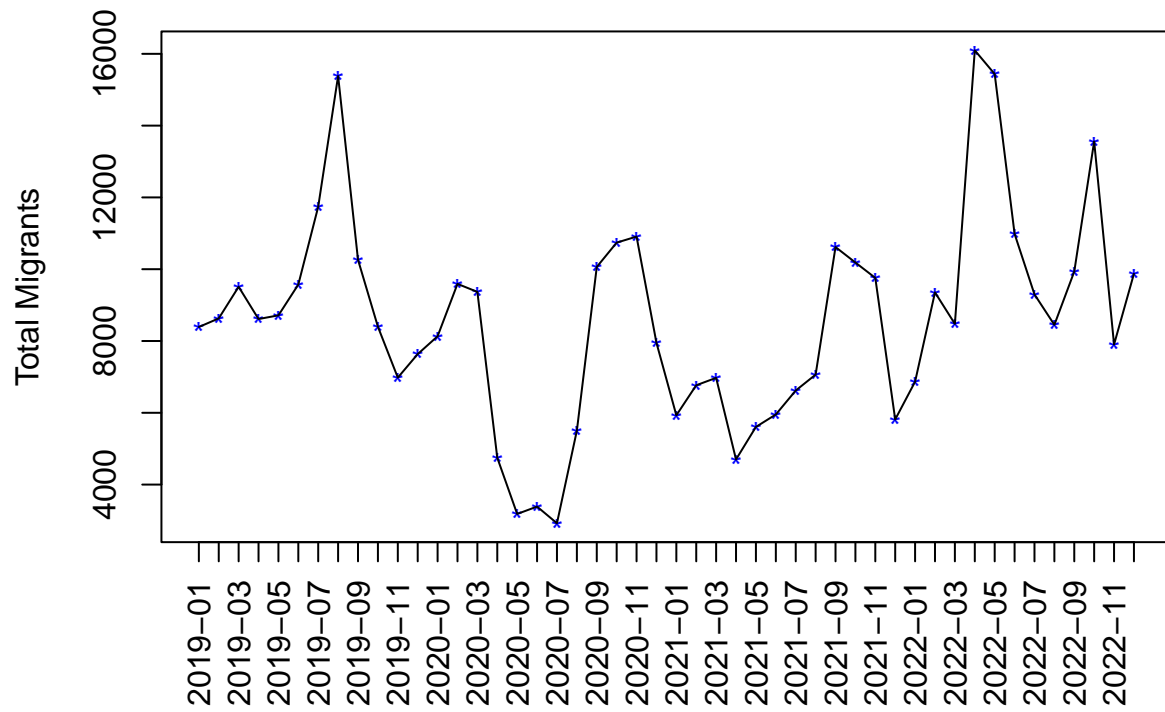
Total Migrants Entering RW
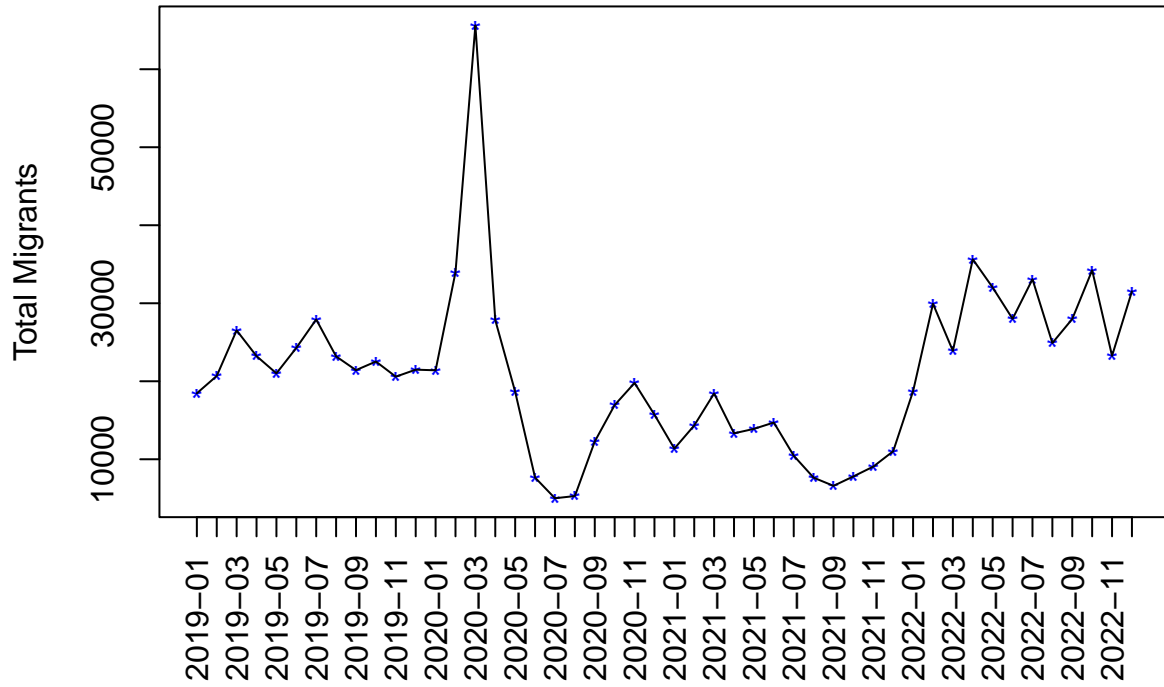
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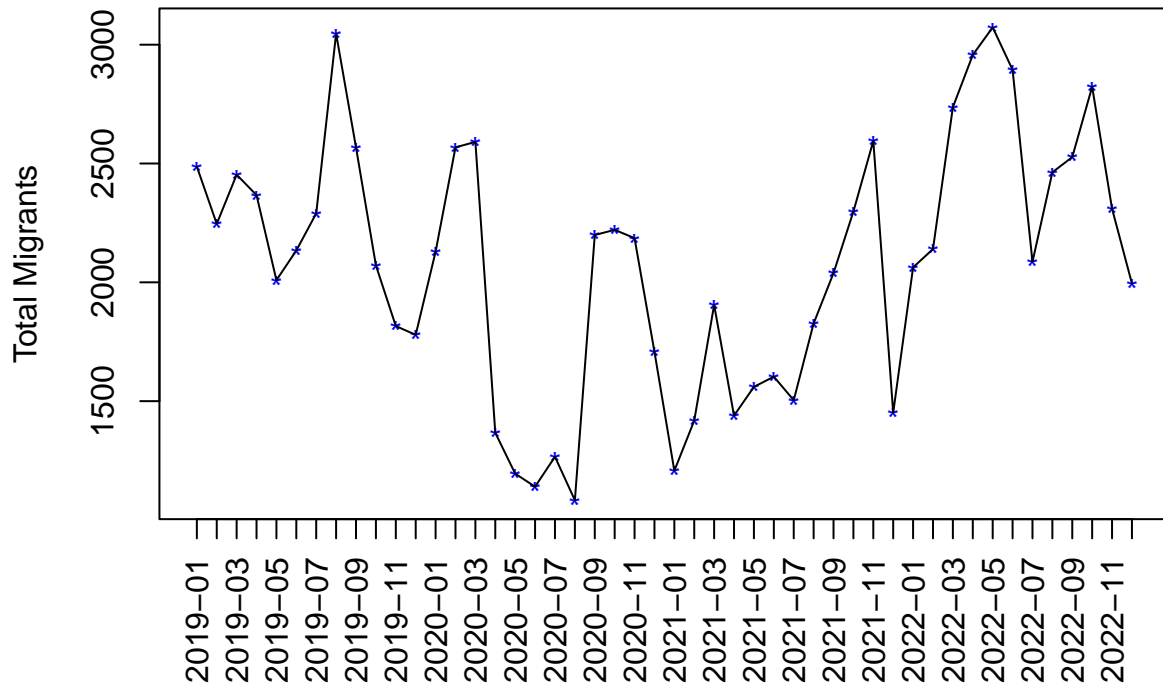
Total Migrants Entering SB
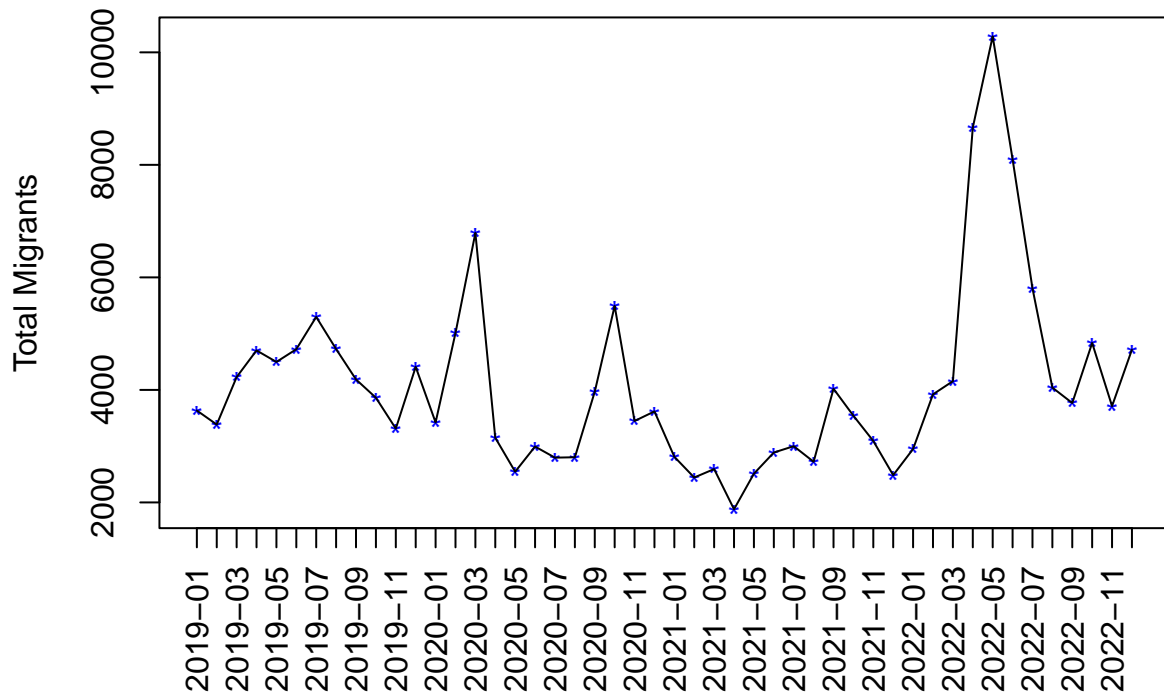
Total Migrants Entering SD
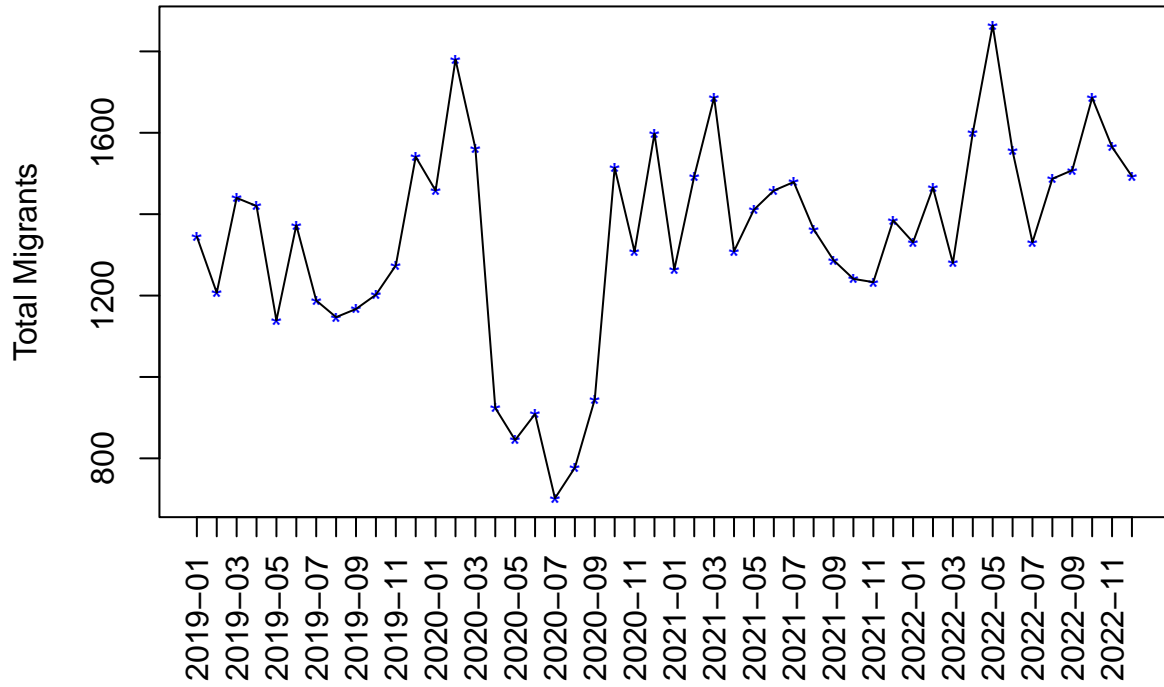
Total Migrants Entering SE
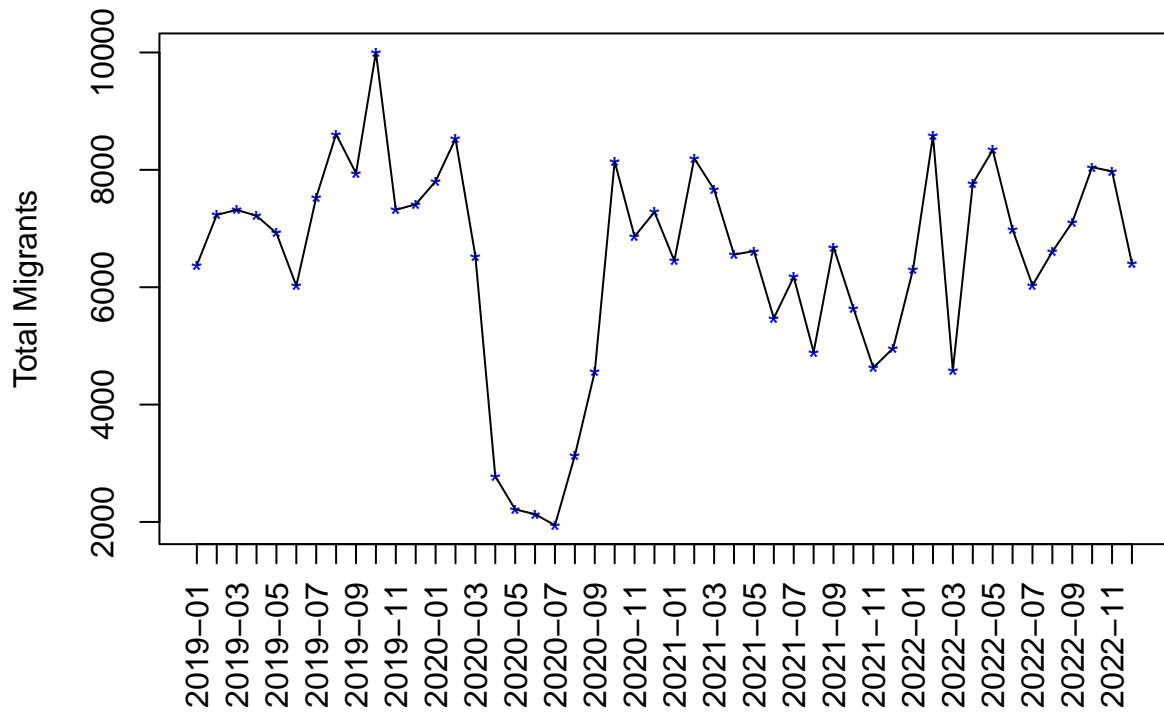
Total Migrants Entering SG
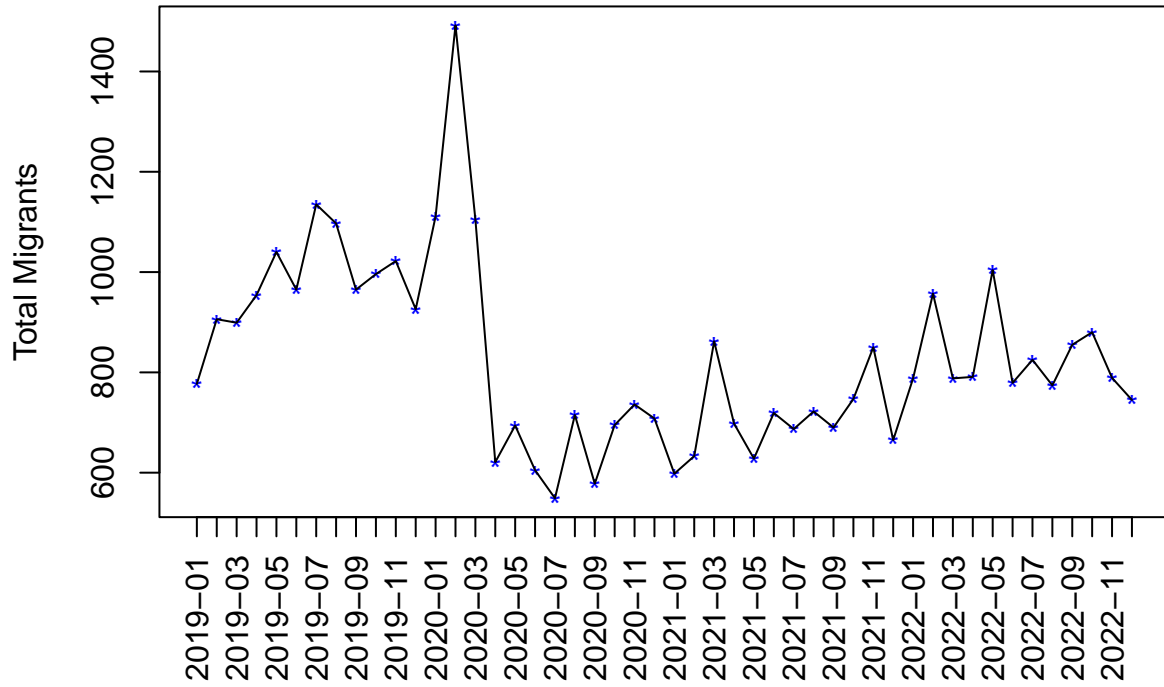
Total Migrants Entering SI
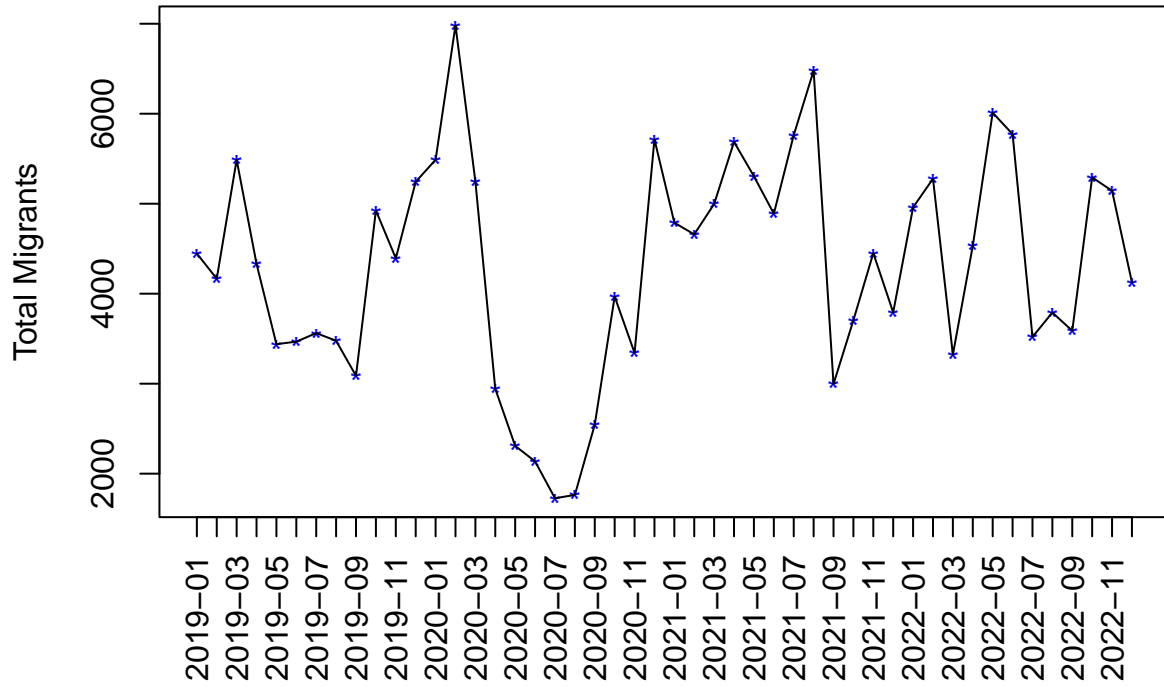
Total Migrants Entering SK
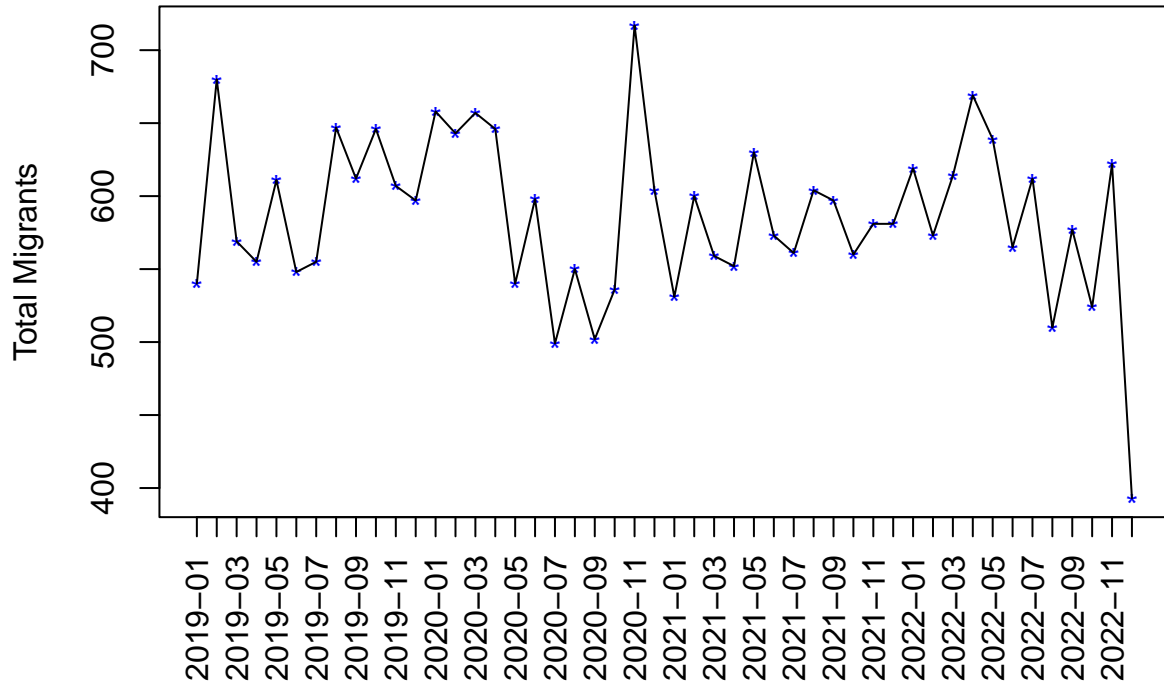
Total Migrants Entering SL
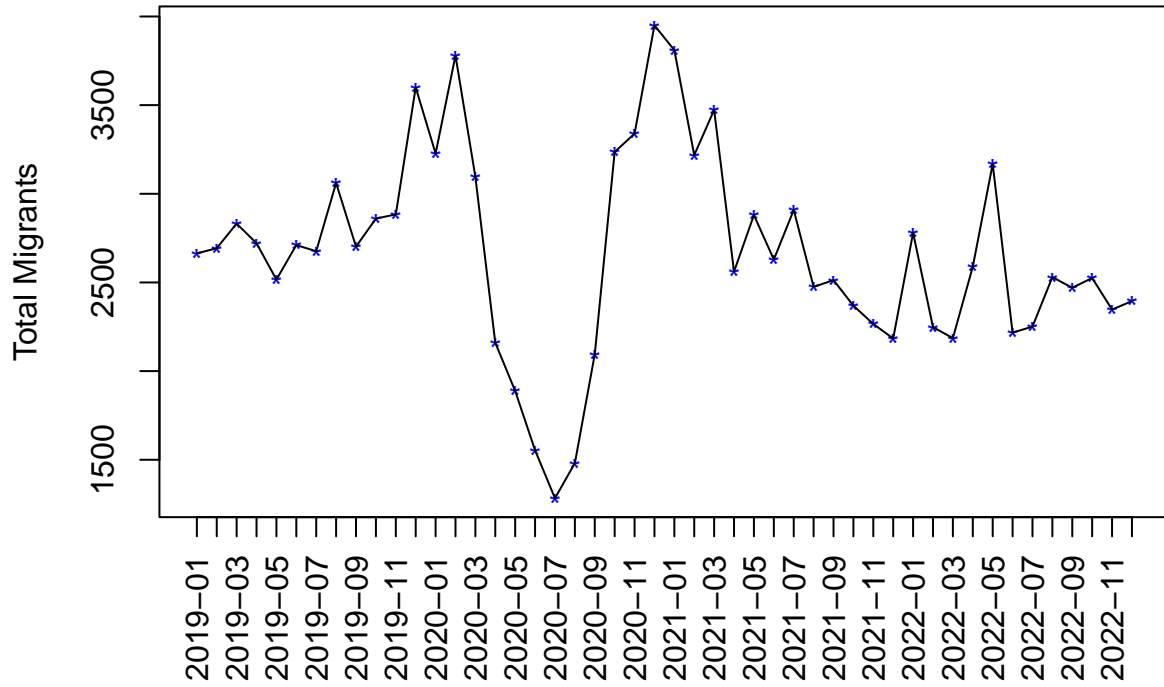
Total Migrants Entering SN
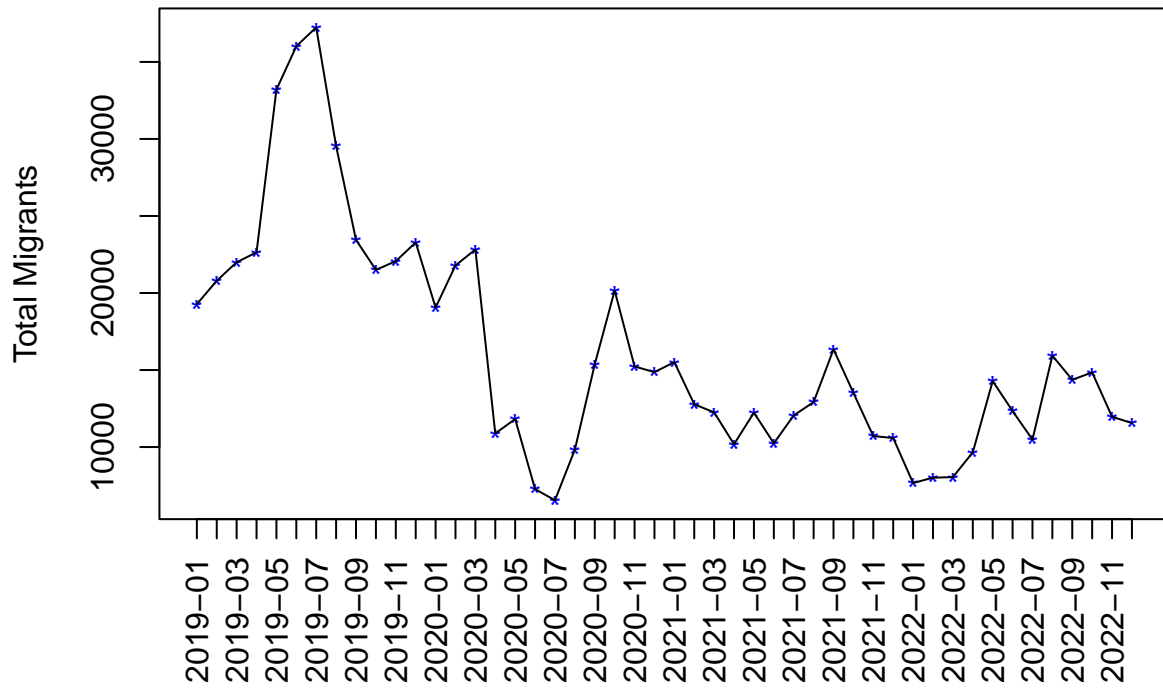
Total Migrants Entering SR
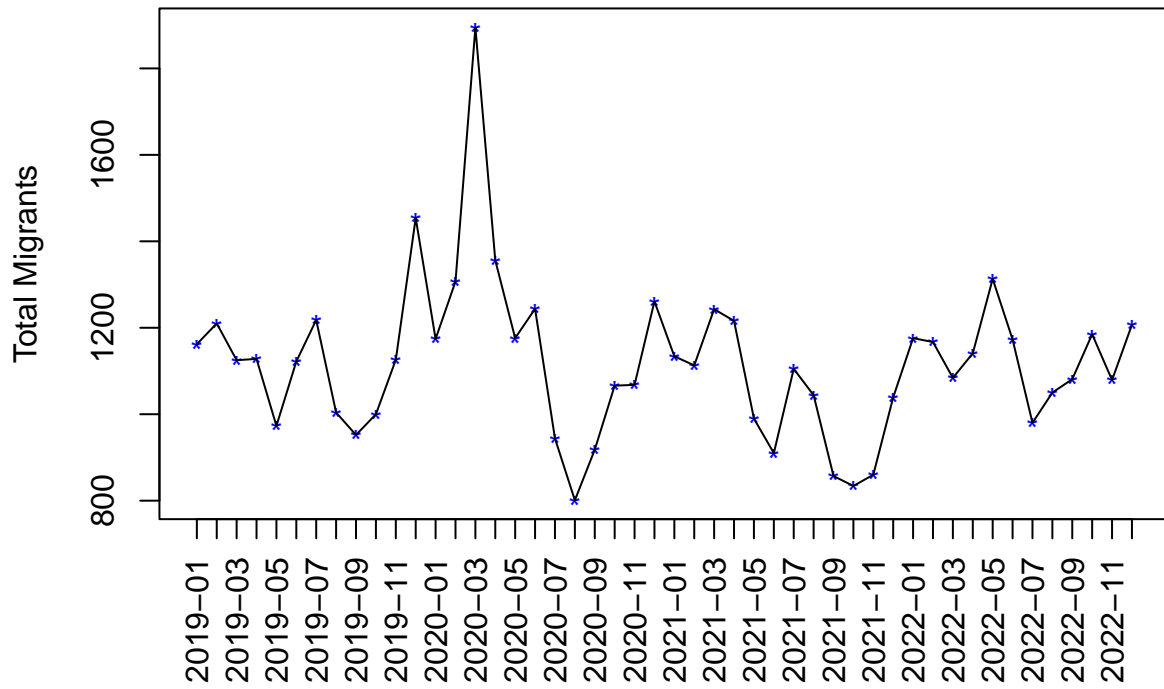
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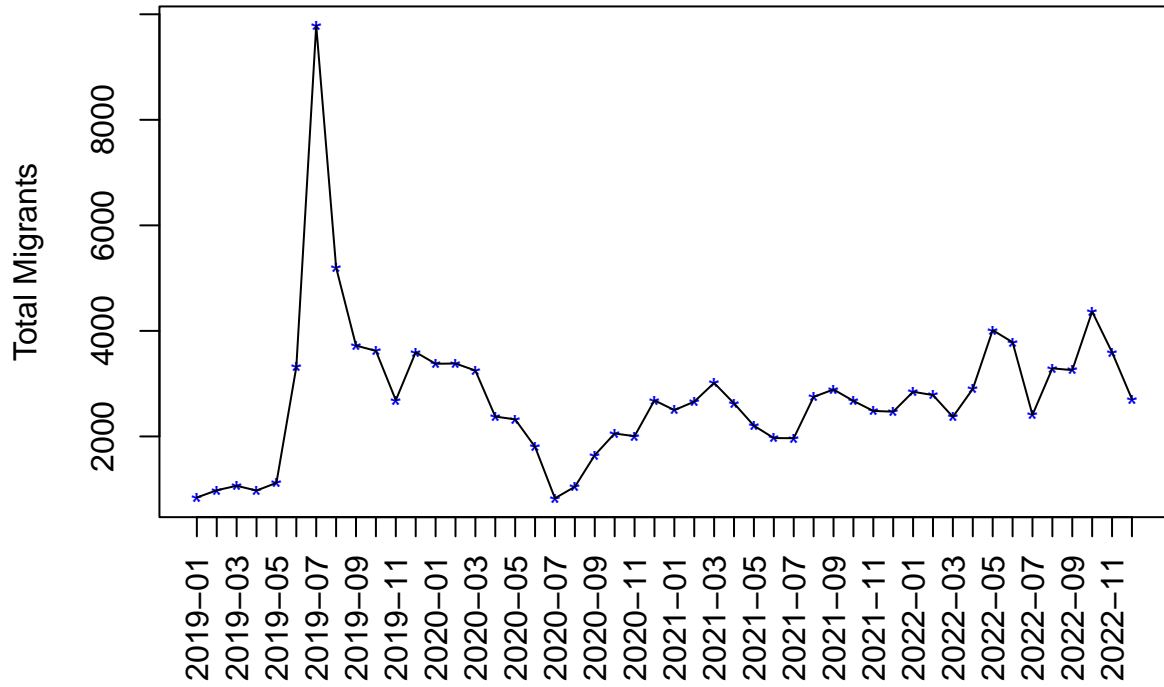
Total Migrants Entering ST
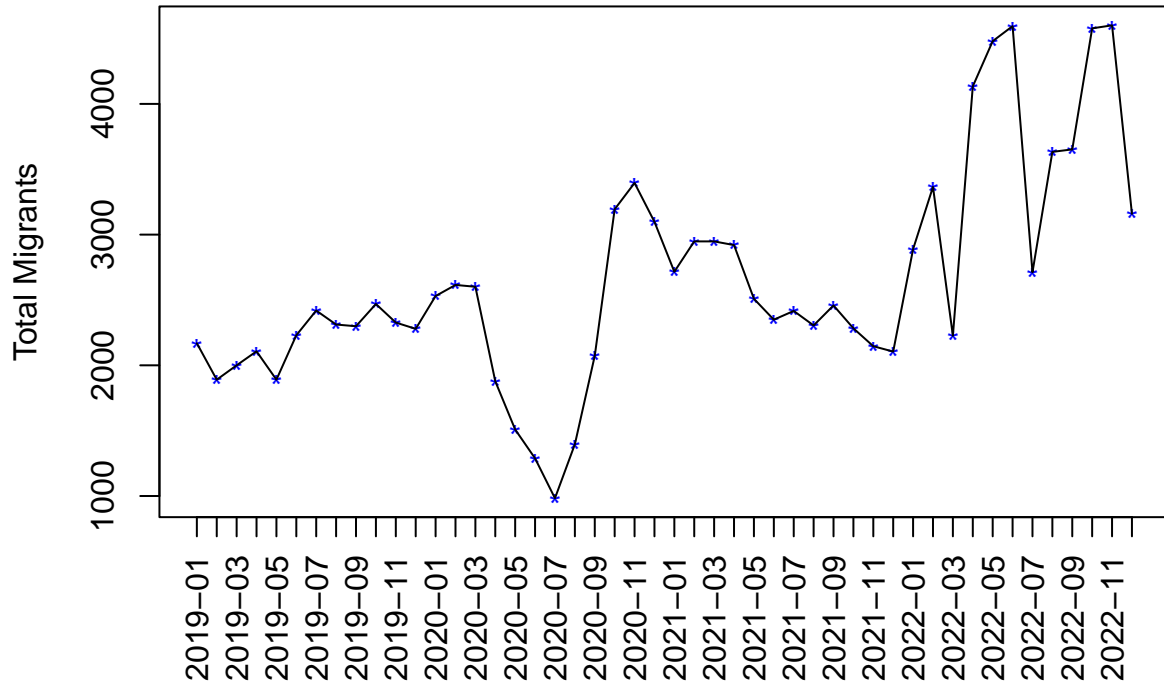
Total Migrants Entering SV

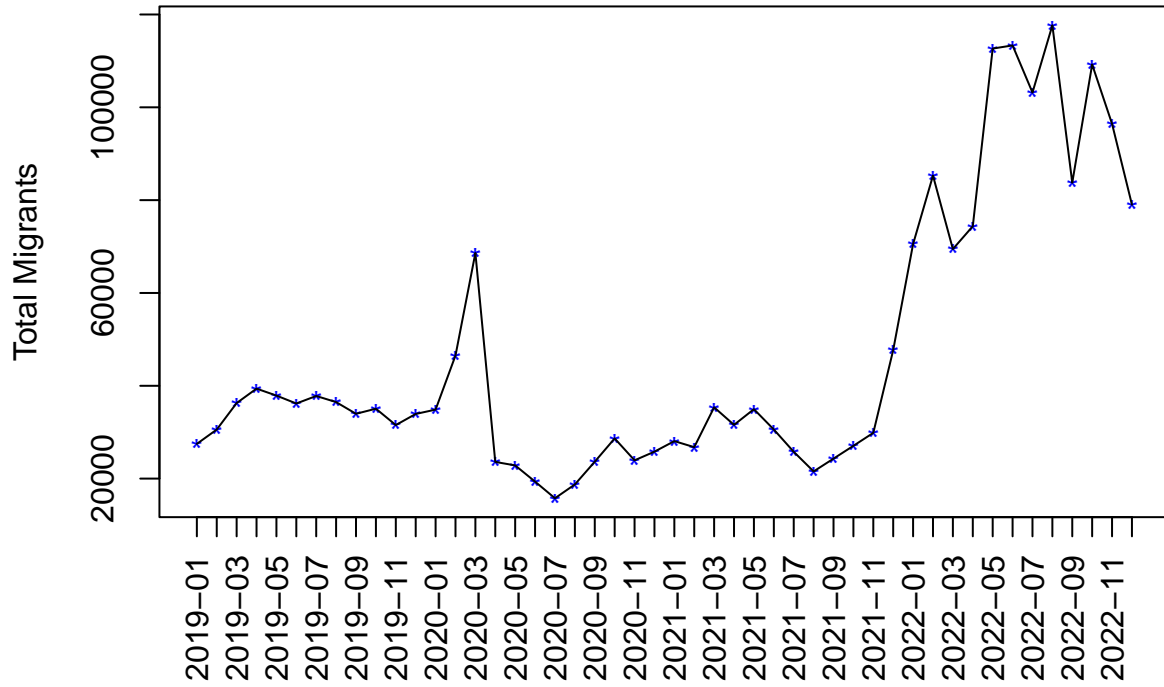**Total Migrants Entering SY**

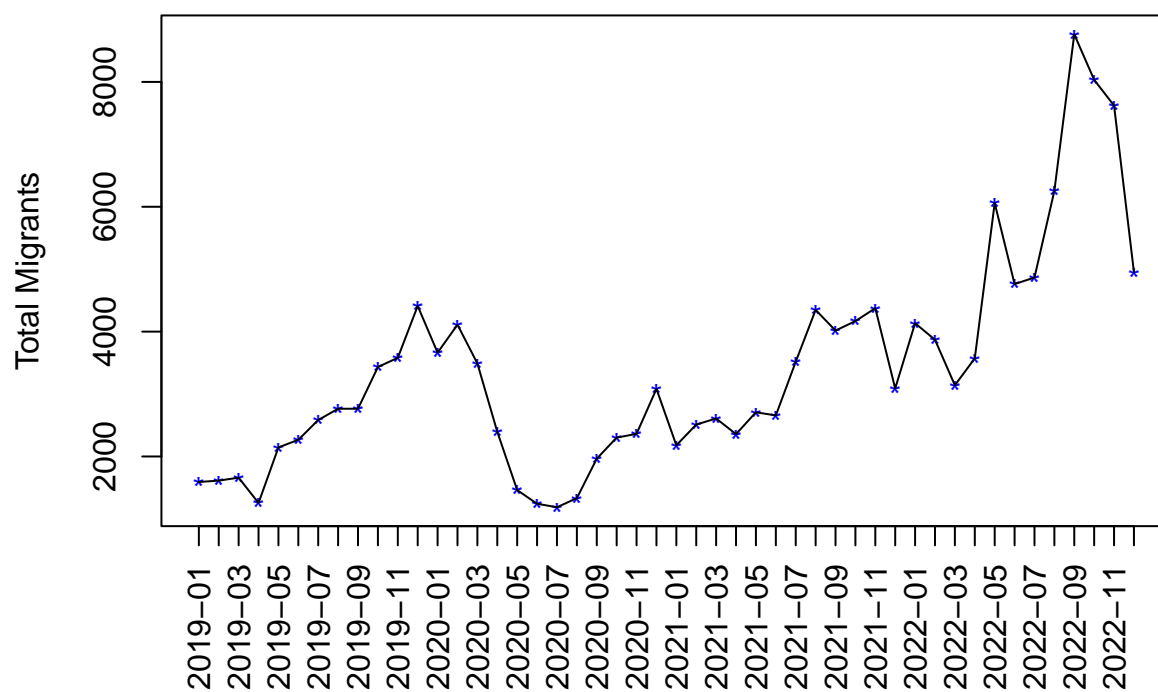# Total Migrants Entering SZ
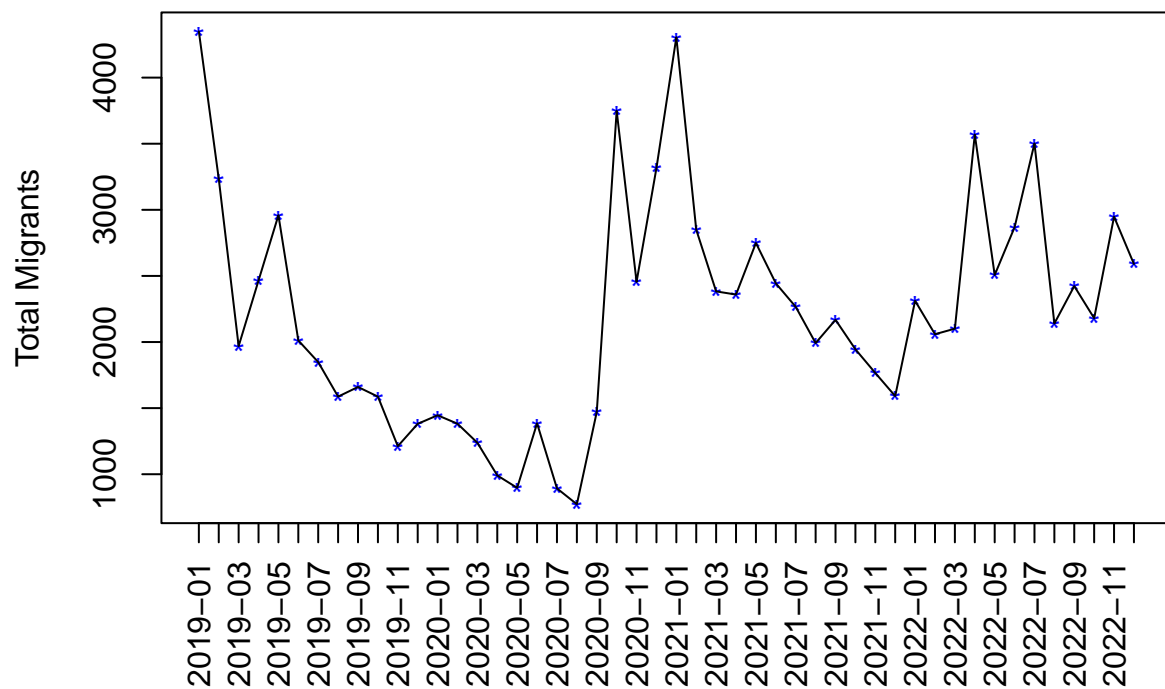
Total Migrants Entering TD
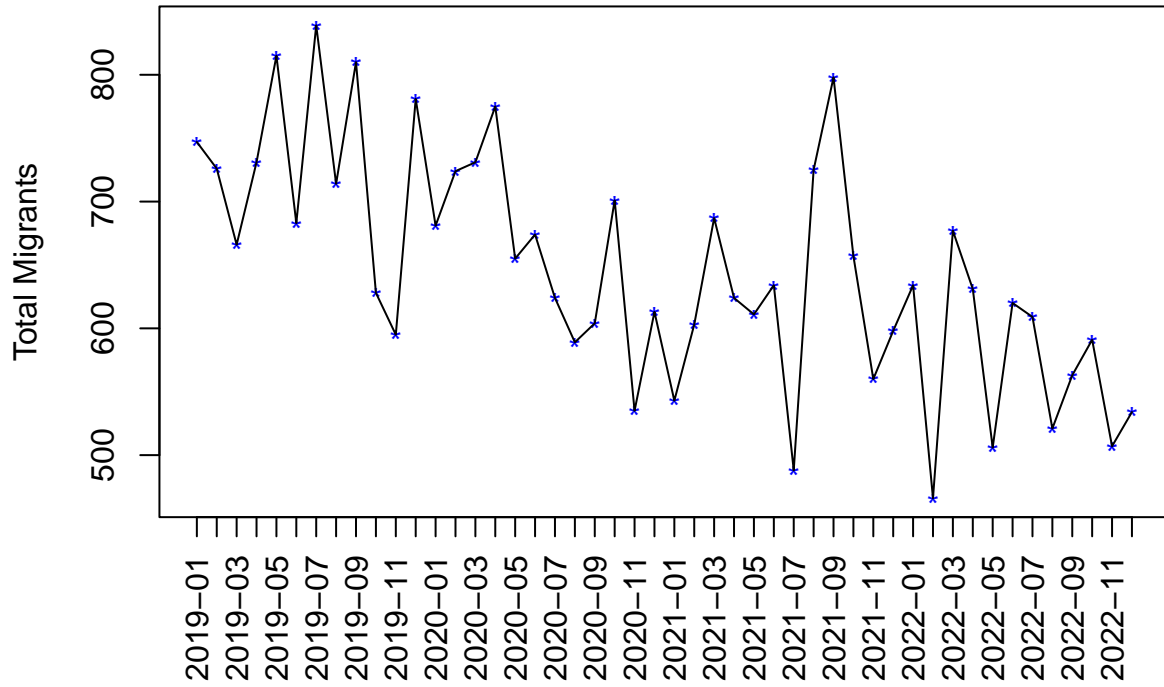
Total Migrants Entering TG

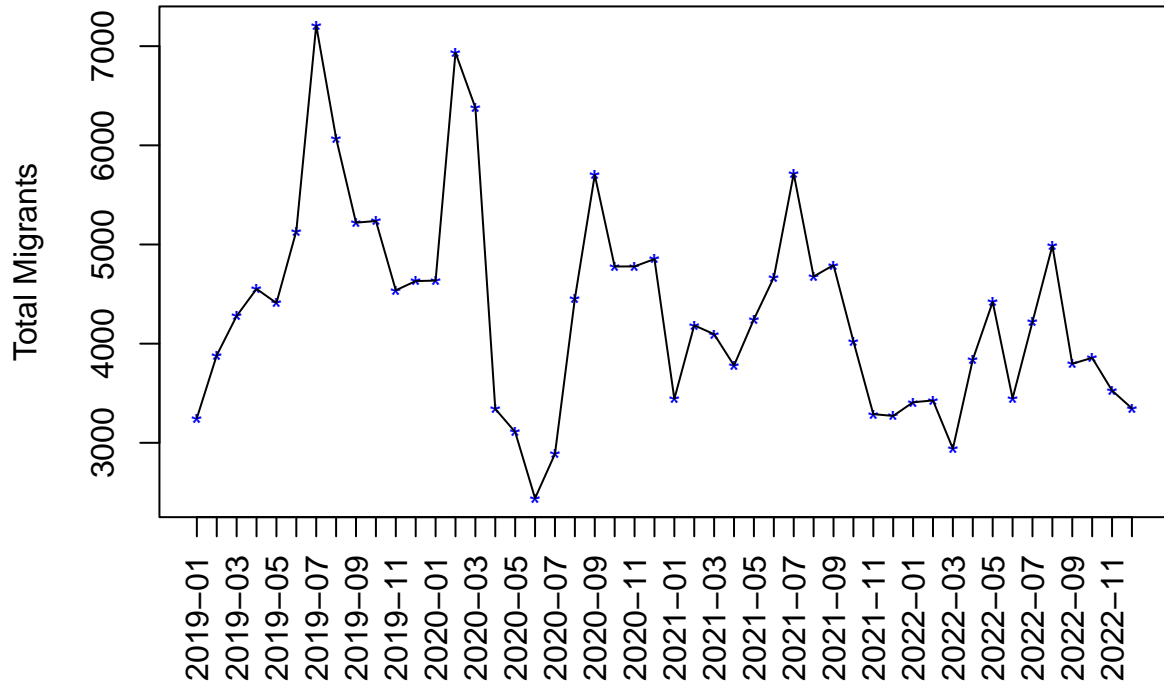# Total Migrants Entering TH
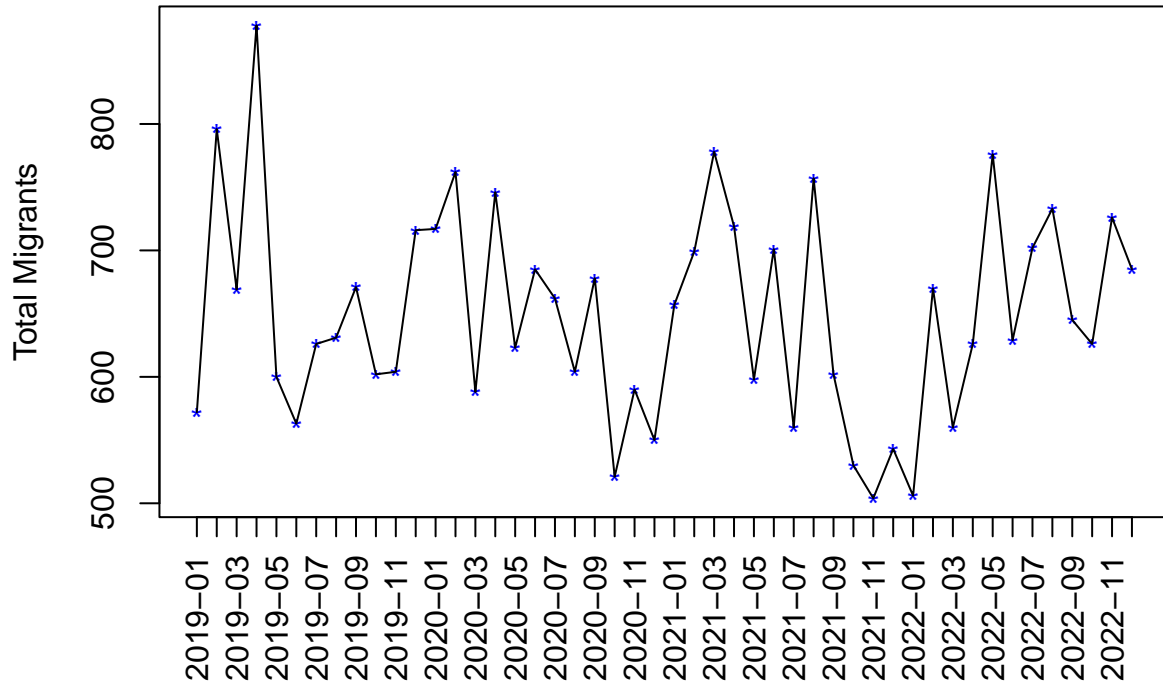
Total Migrants Entering TJ

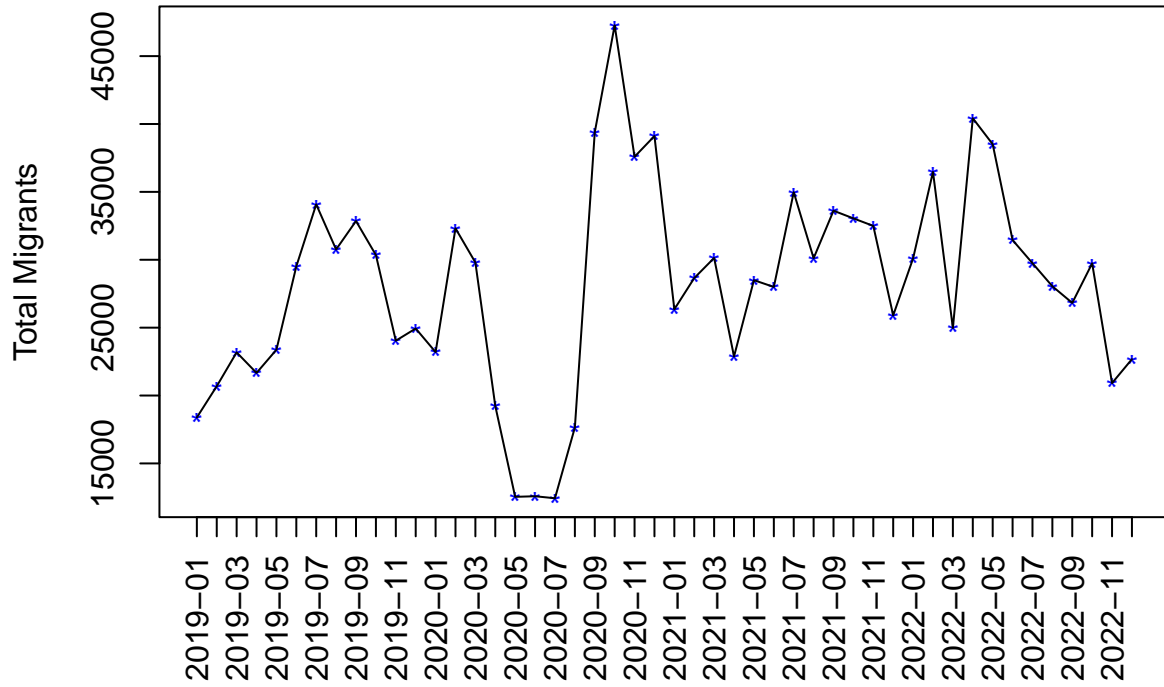# Total Migrants Entering TL

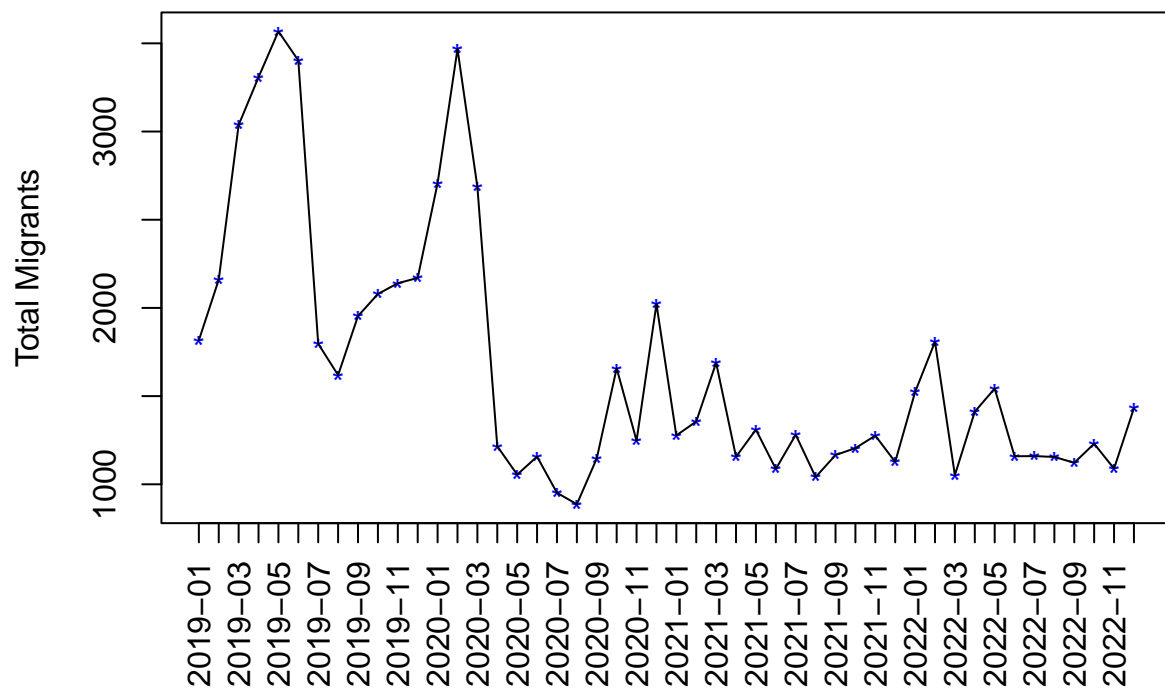# Total Migrants Entering TM
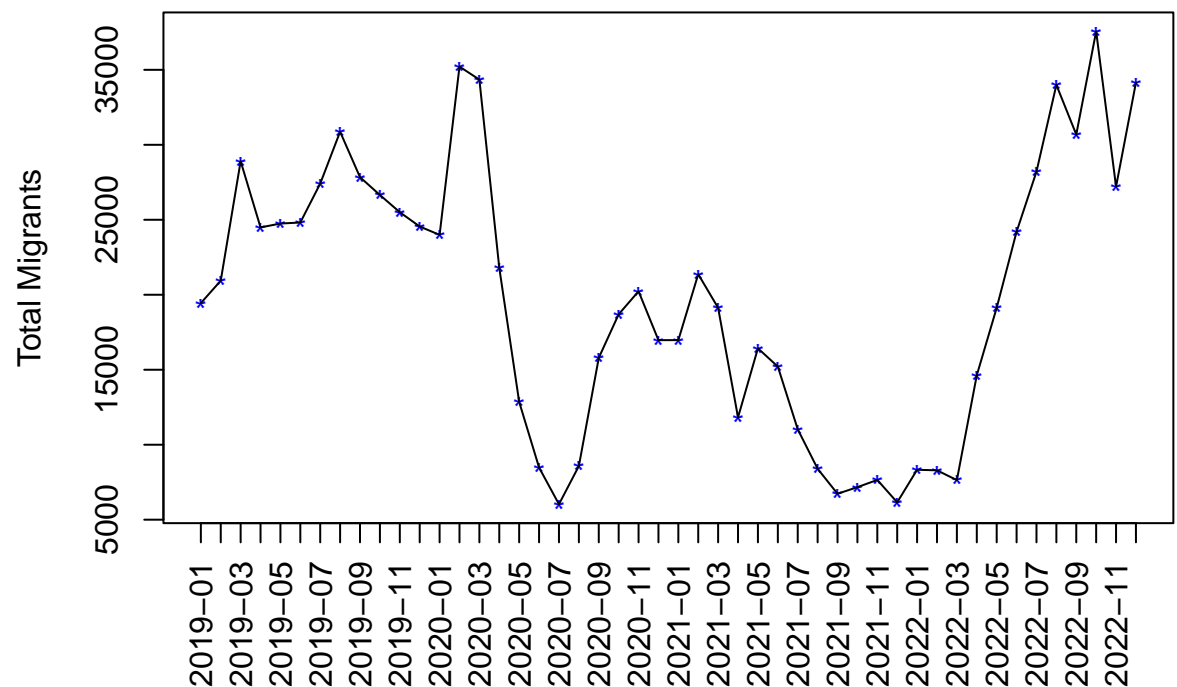
Total Migrants Entering TN
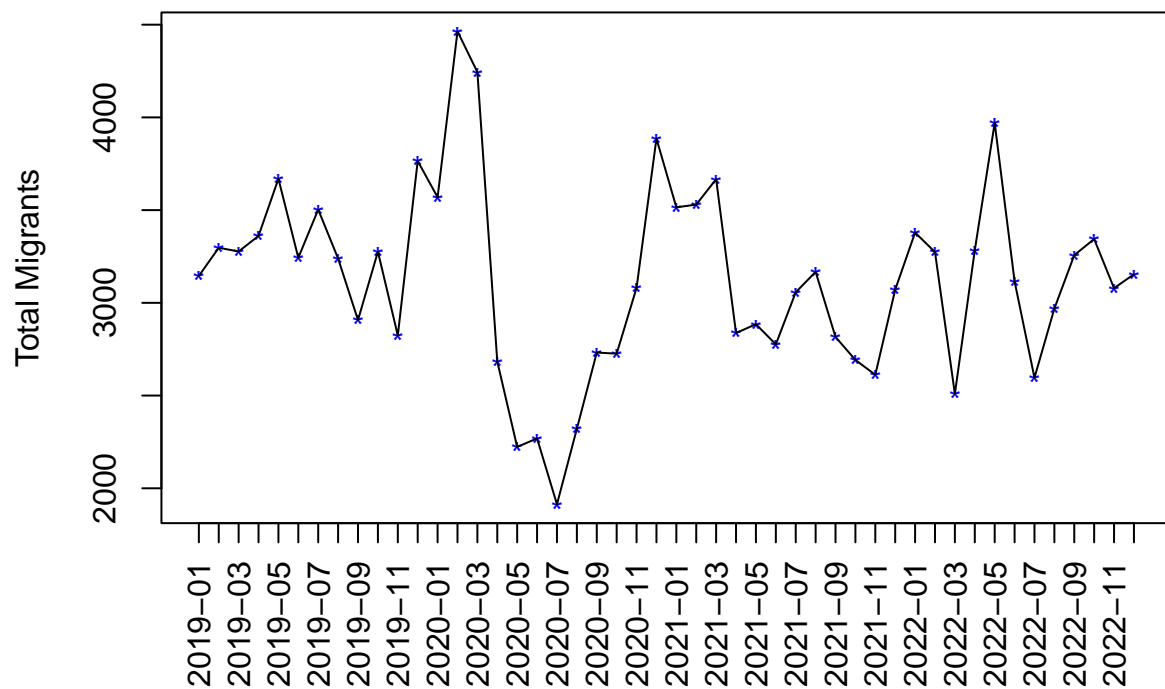
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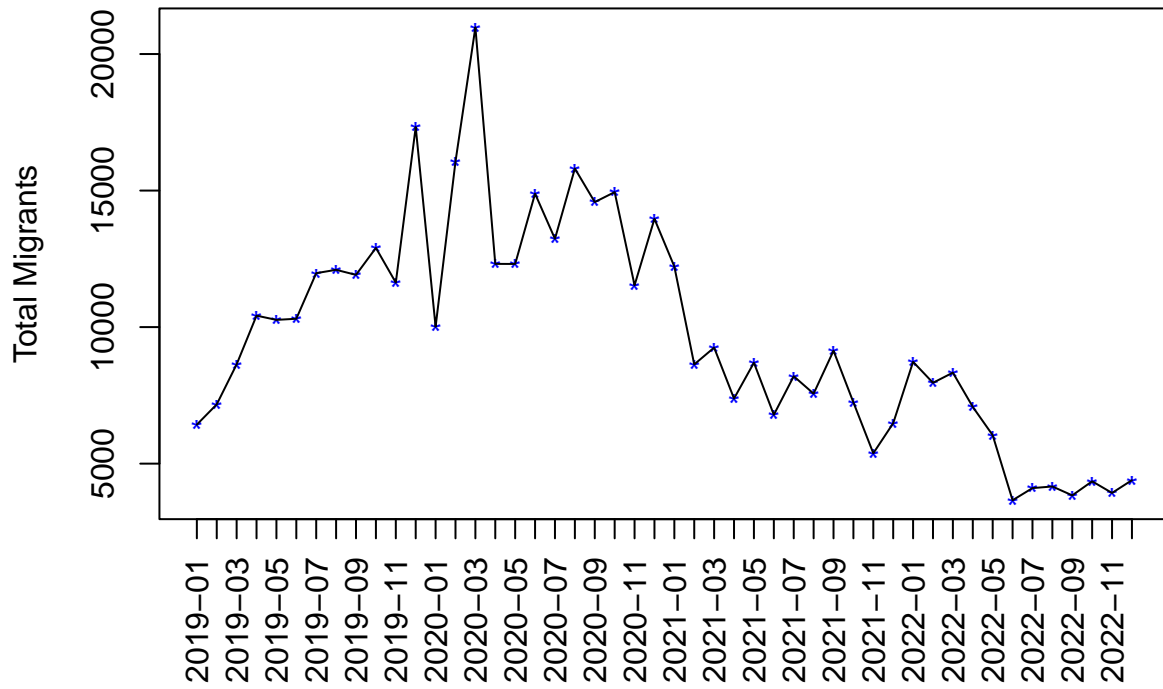
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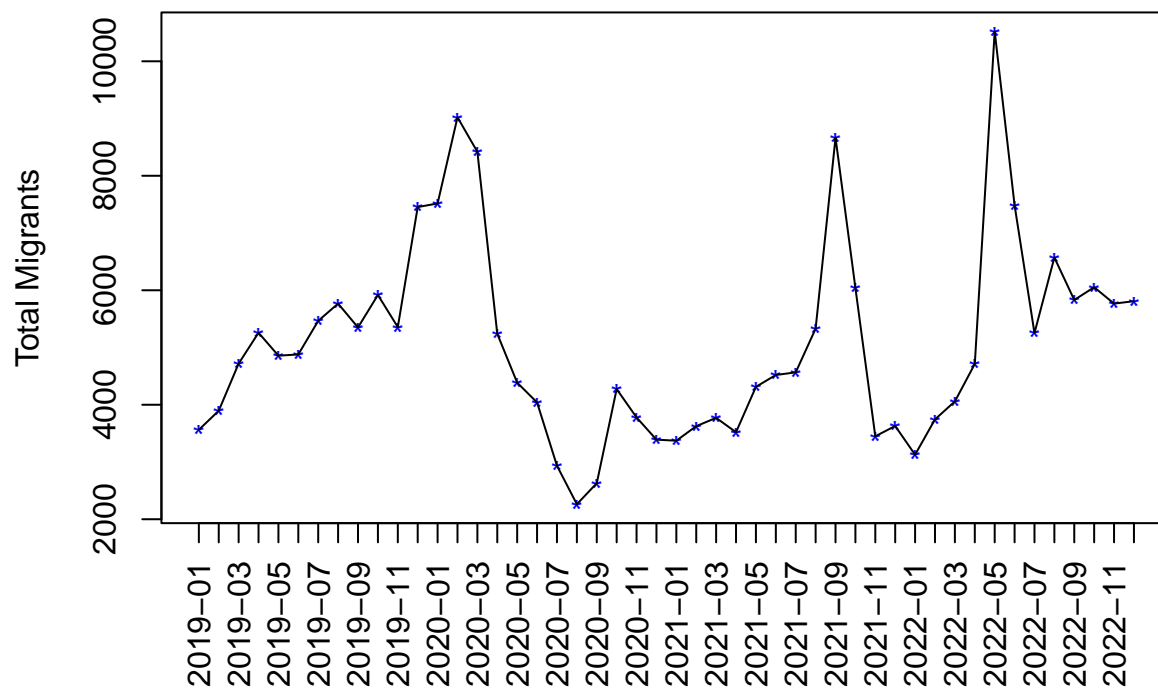
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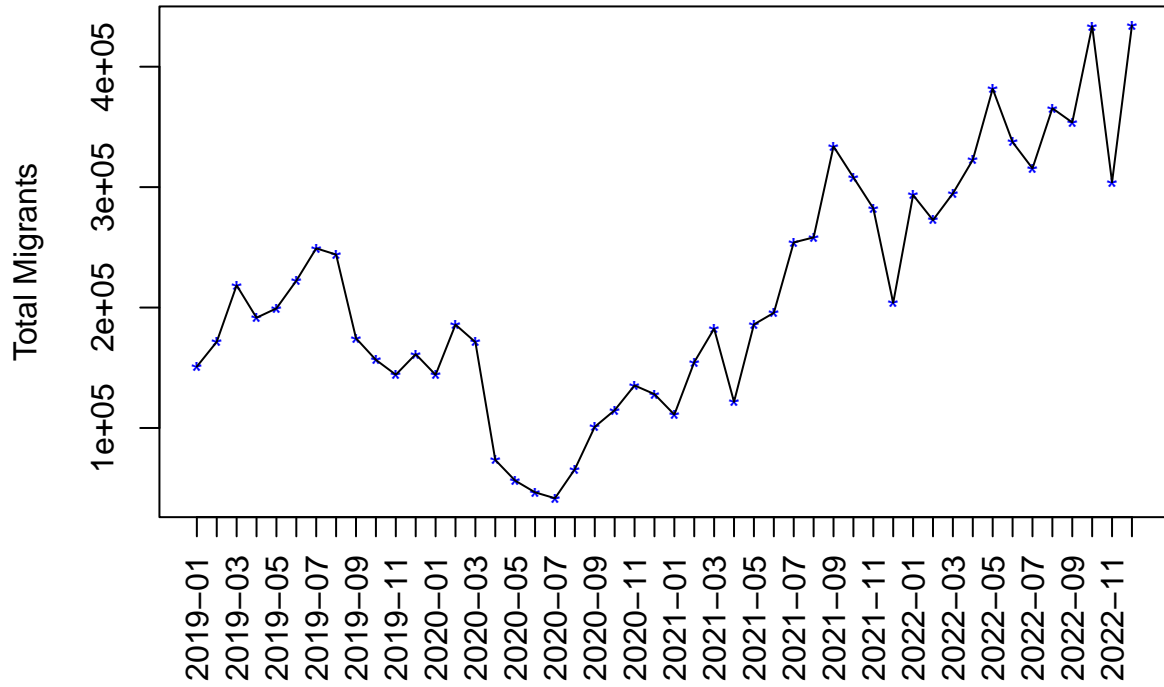
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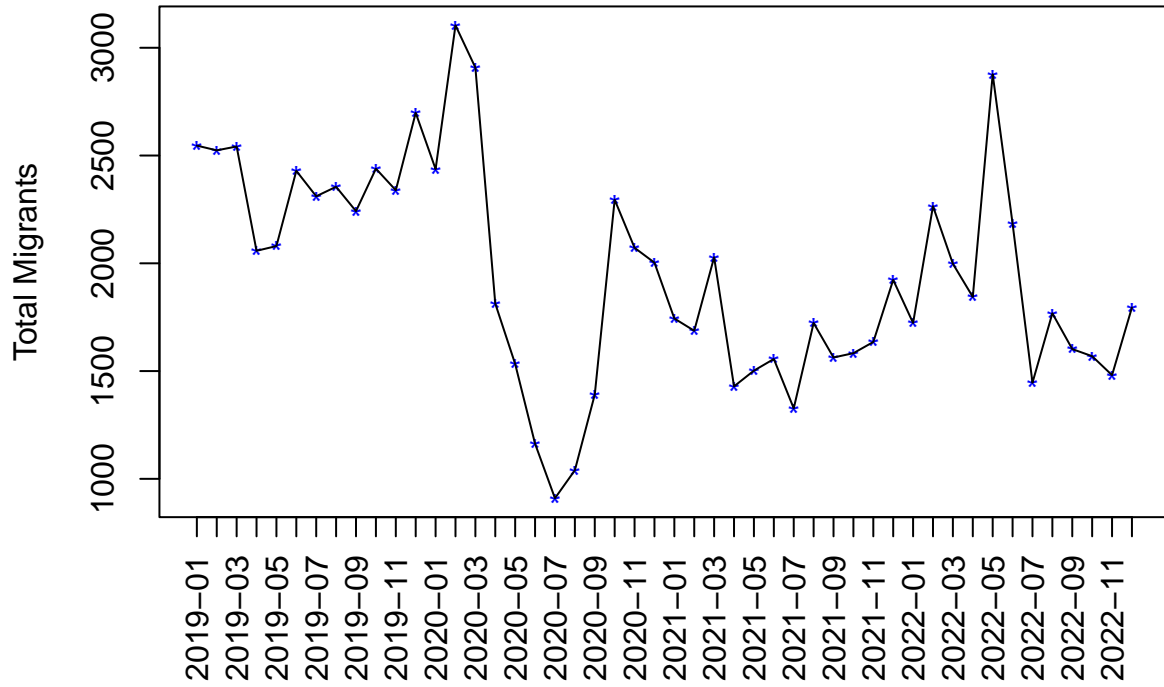
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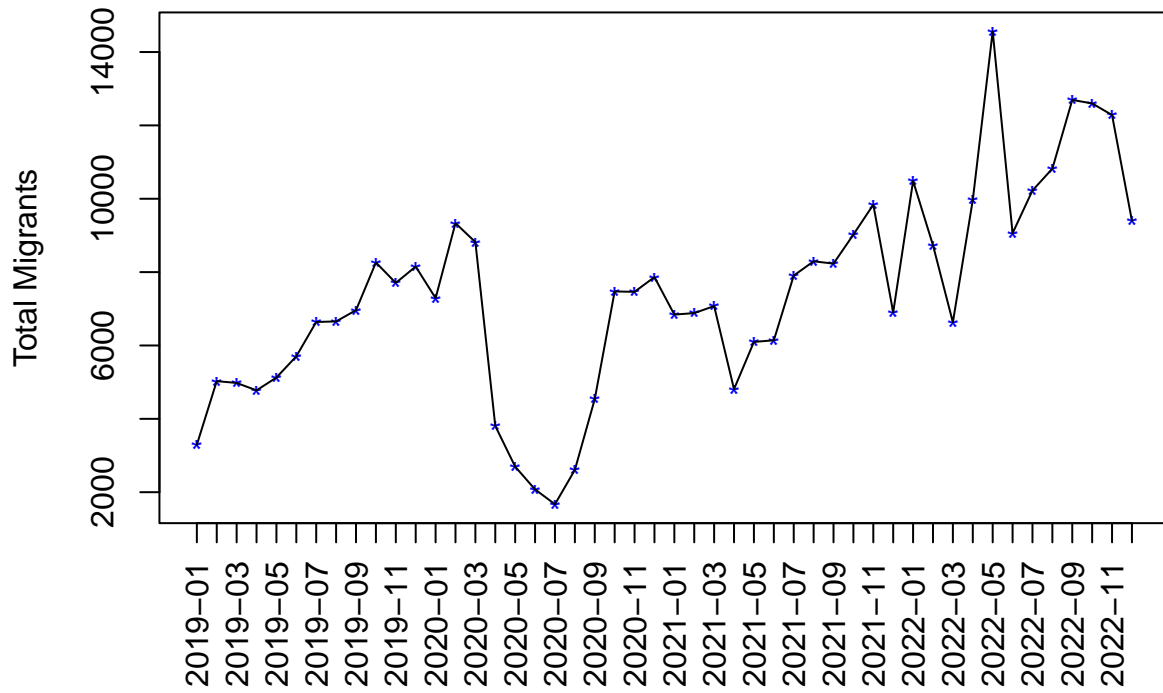
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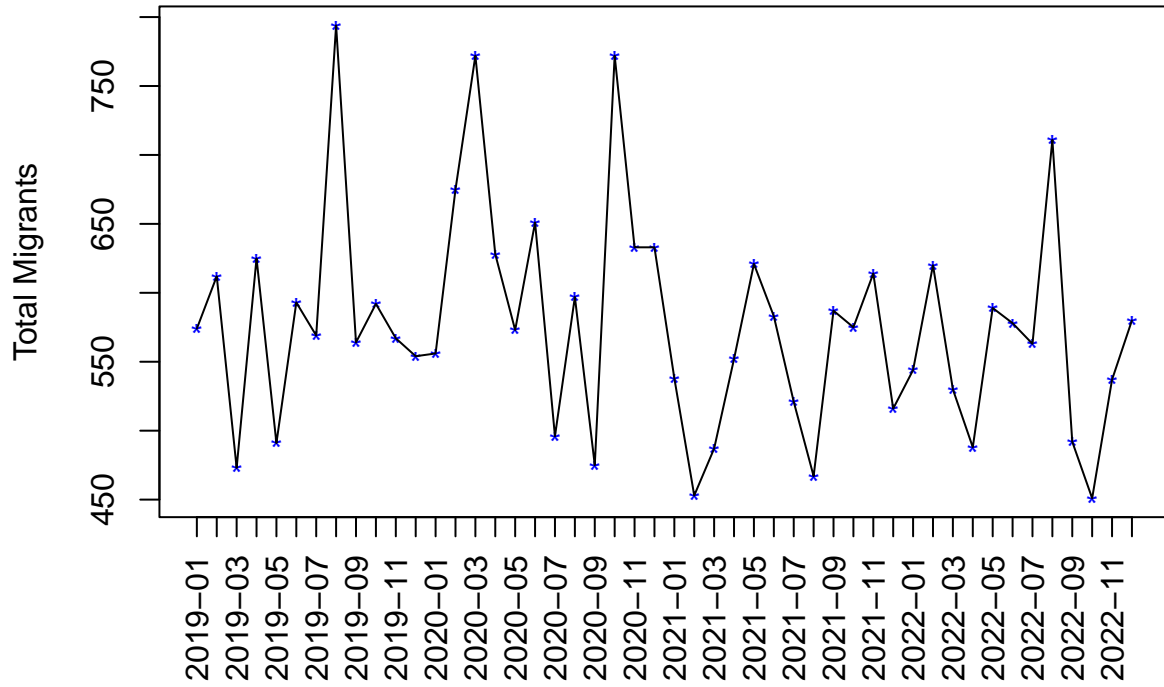
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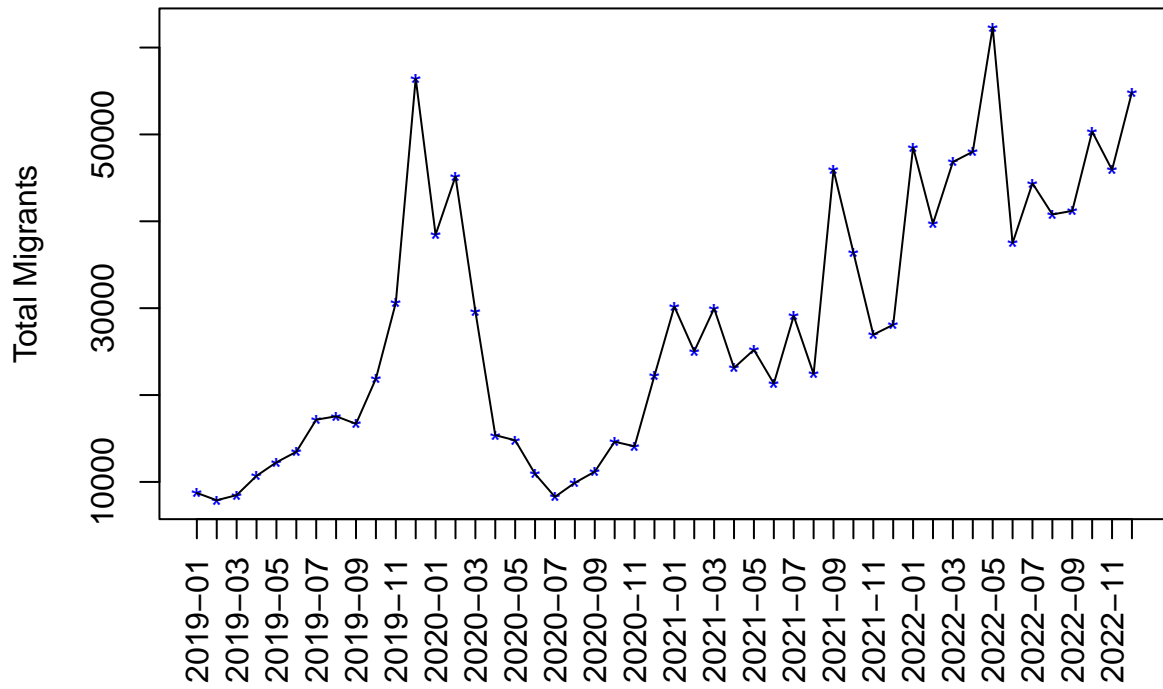
Total Migrants Entering US

Total Migrants Entering UY
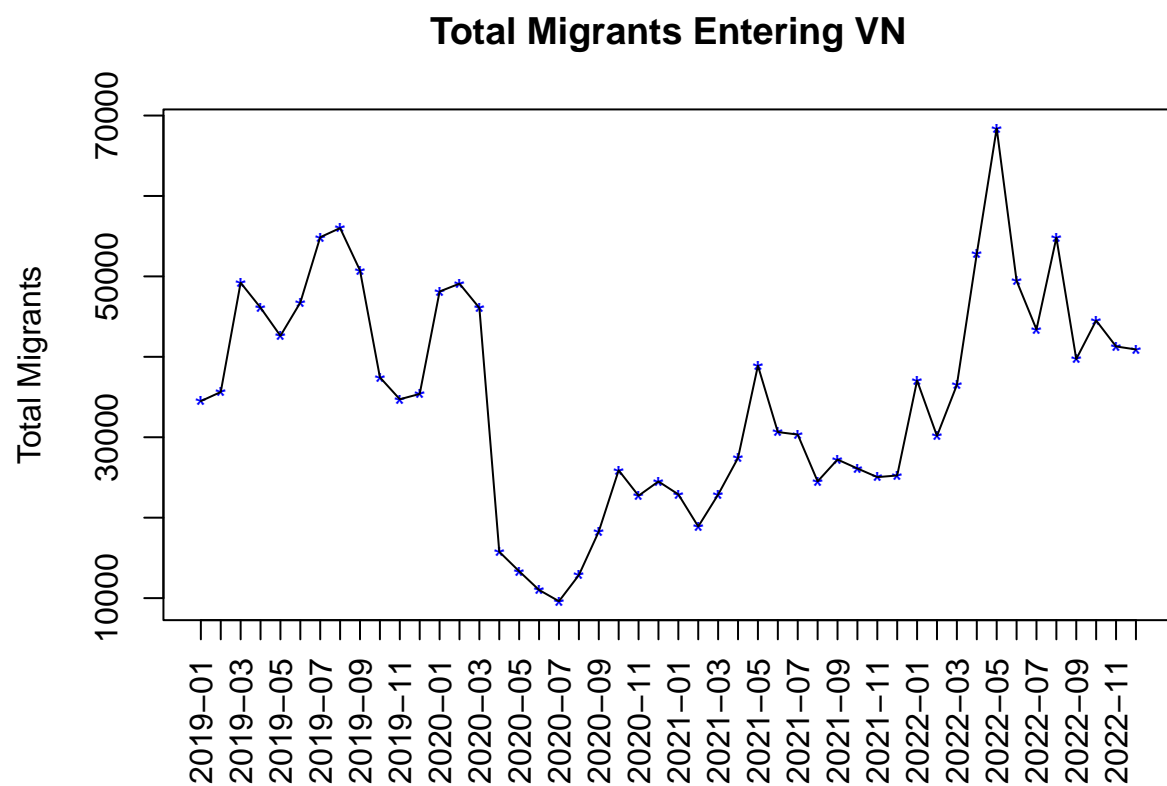
Total Migrants Entering UZ

Total Migrants Entering VC

Total Migrants Entering VE

Total Migrants Entering VN

Total Migrants Entering VU

Total Migrants Entering WS

Total Migrants Entering XK
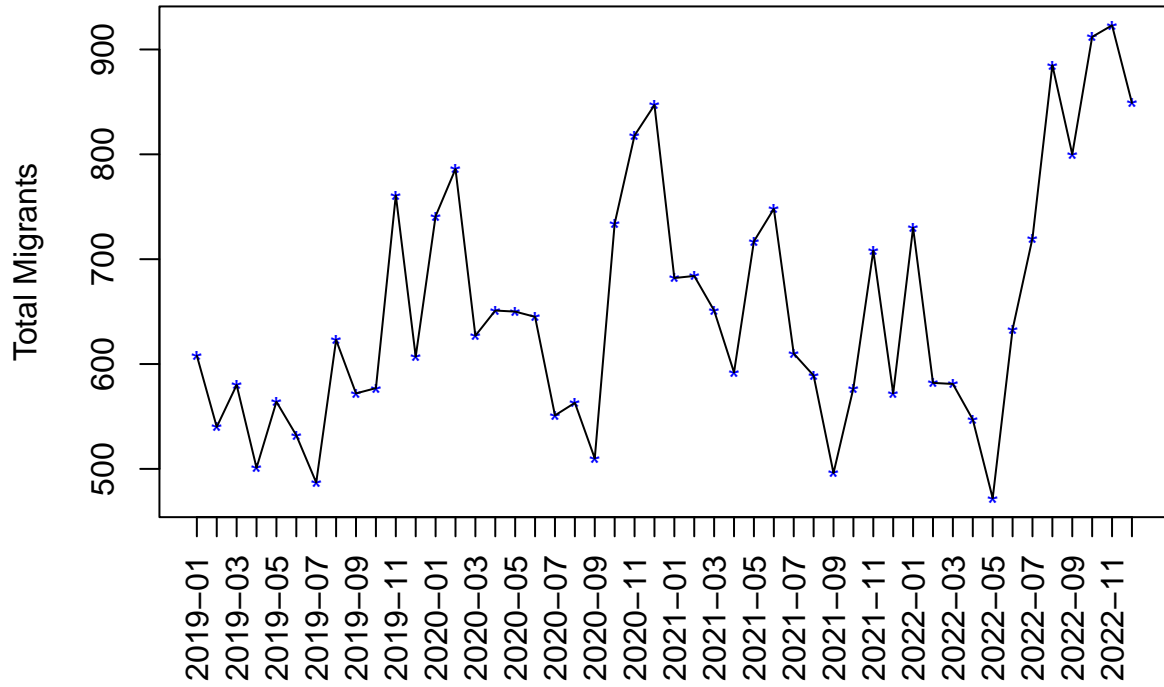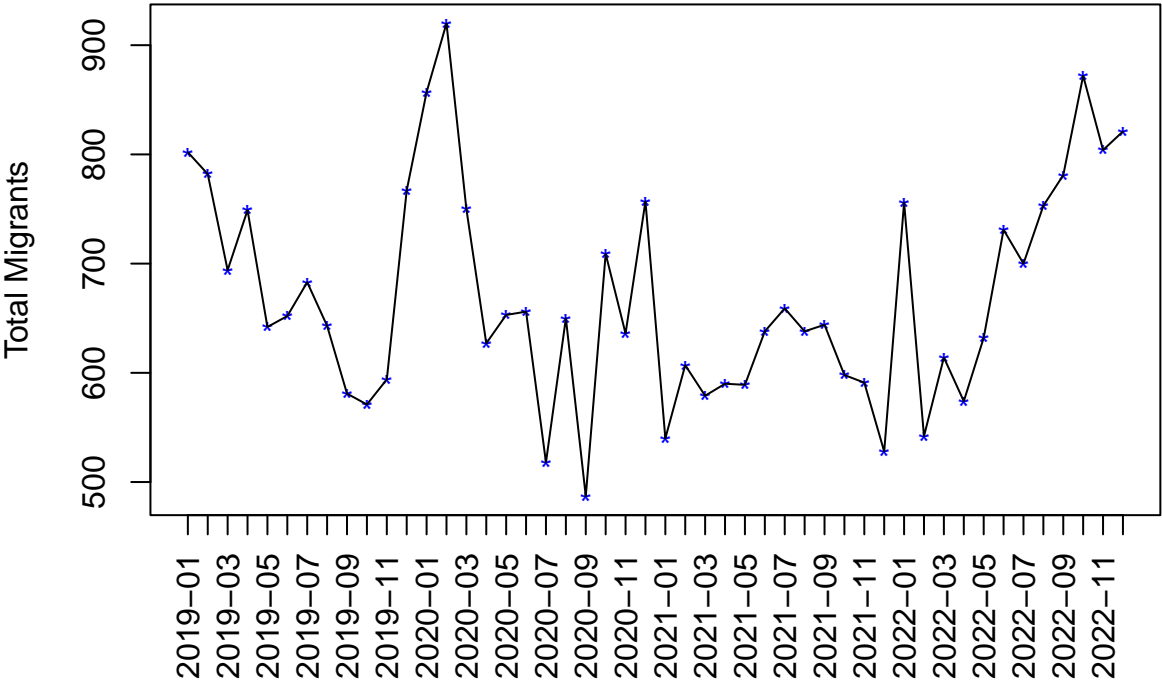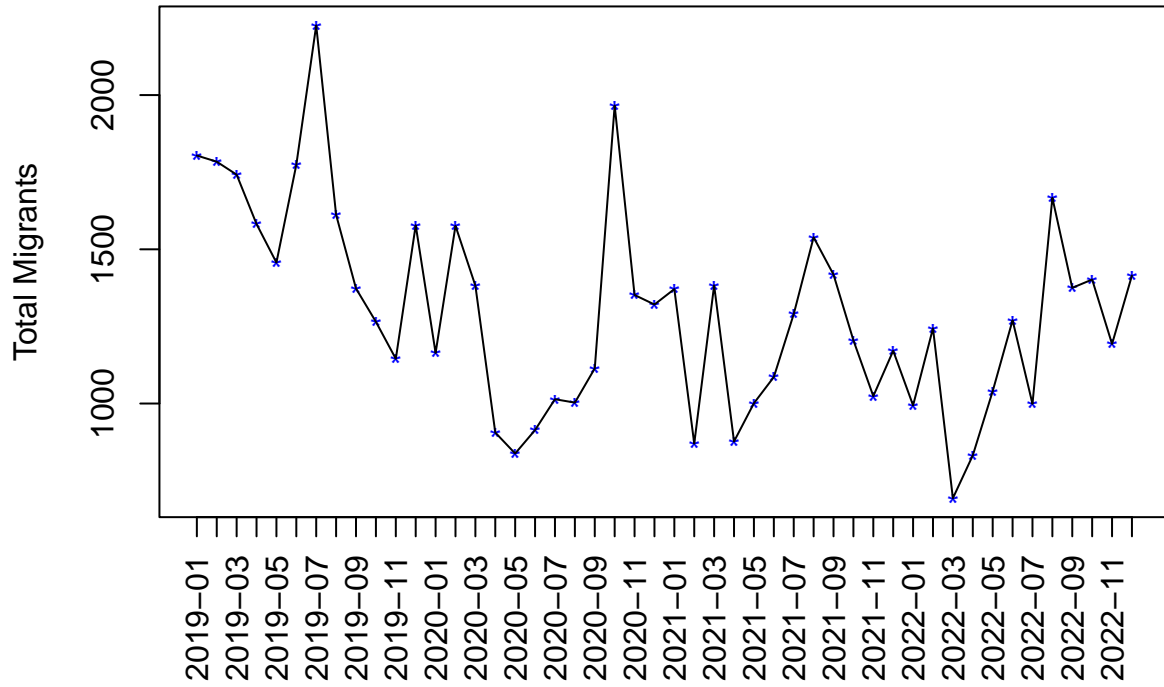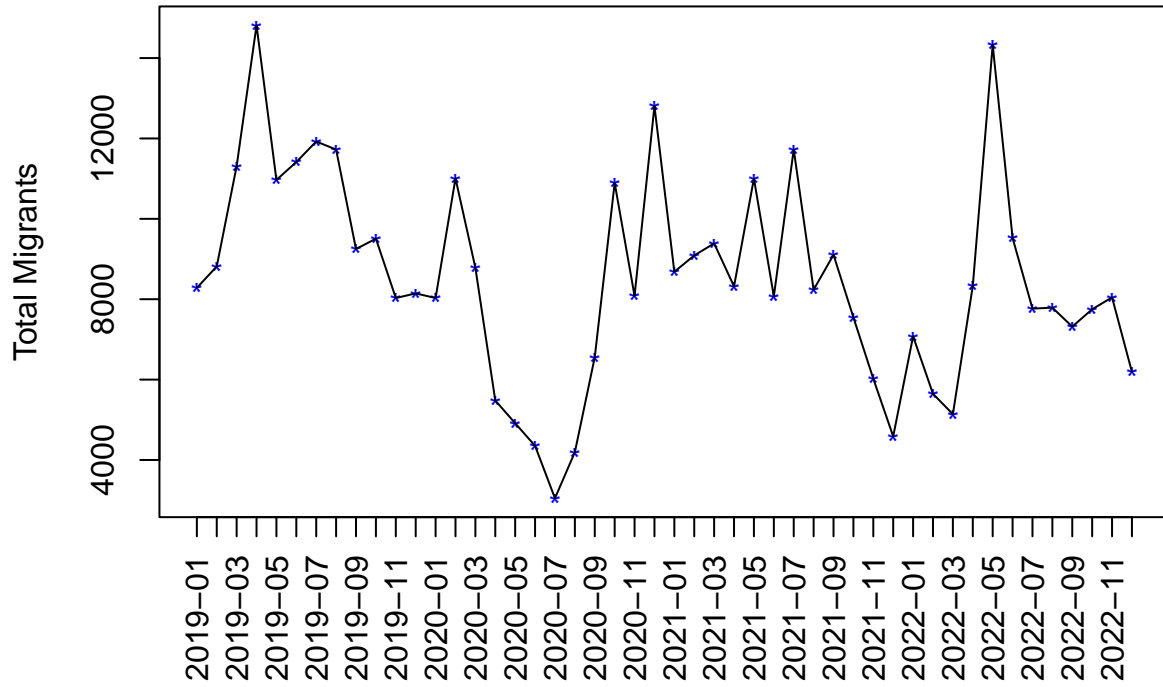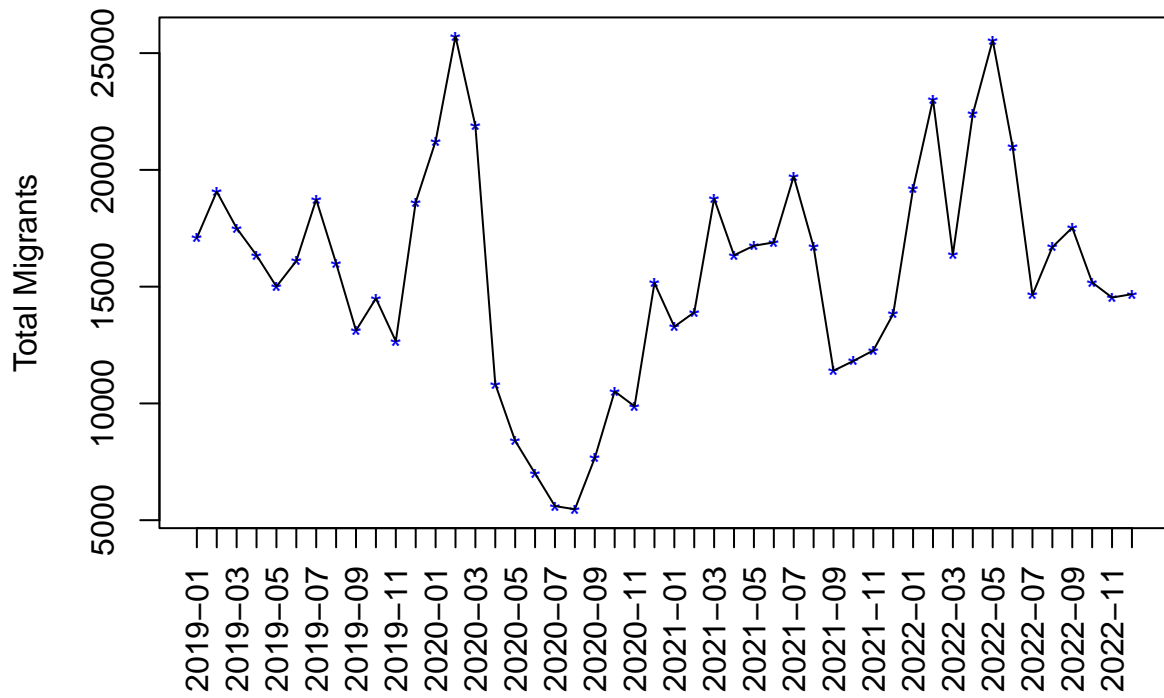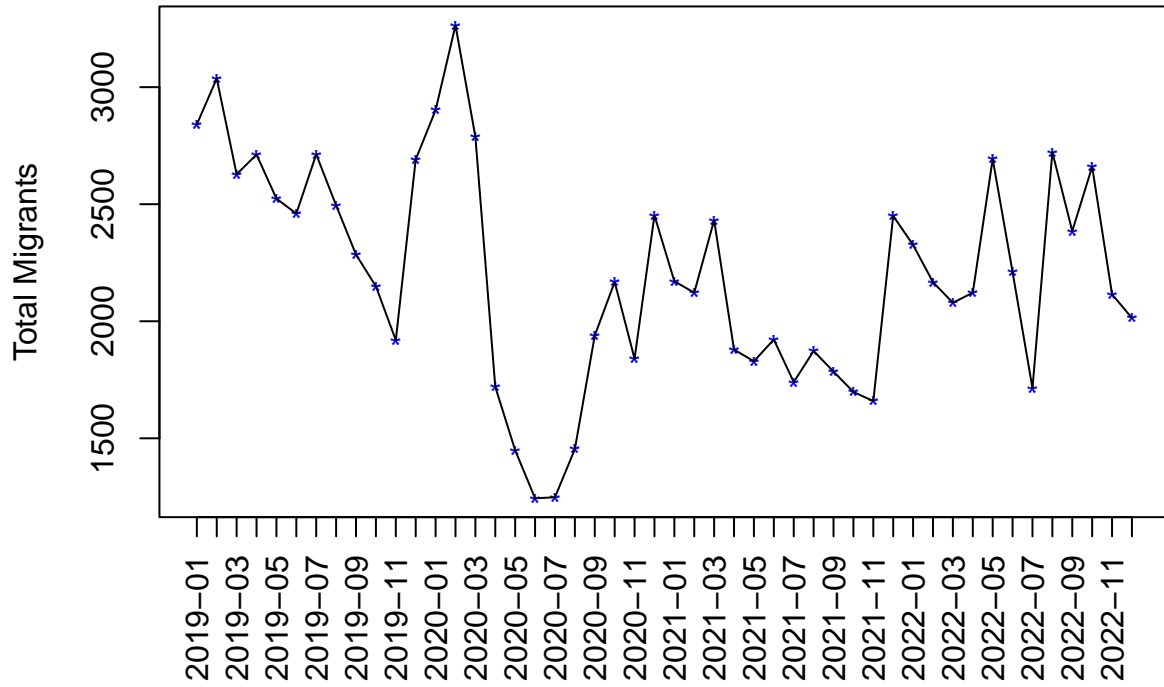
Total Migrants Entering YE

Total Migrants Entering ZA

Total Migrants Entering ZM

Total Migrants Entering ZW