

```
Italy=APISL(114,:);
Korea=APISL(124,:);
```

```
Korea = removevars(Korea, {'CountryName', ...
    'CountryCode', 'IndicatorName', 'IndicatorCode', ...
    'VarName5', 'VarName6', 'VarName7', 'VarName8', ...
    'VarName9', 'VarName10', ...
    'VarName11', 'VarName12', 'VarName13', 'VarName14', ...
    'VarName15', 'VarName16', 'VarName17', 'VarName18', ...
    'VarName19', 'VarName20', 'VarName21', 'VarName22', ...
    'VarName23', 'VarName24', 'VarName25', 'VarName26', ...
    'VarName27', 'VarName28', 'VarName29', 'VarName30', ...
    'VarName31', 'VarName32', 'VarName33', 'VarName34', ...
    'VarName35'});
Italy = removevars(Italy, {'CountryName', 'CountryCode', ...
    'IndicatorName', 'IndicatorCode', 'VarName5', ...
    'VarName6', 'VarName7', 'VarName8', 'VarName9', ...
    'VarName10', 'VarName11', 'VarName12', 'VarName13', ...
    'VarName14', 'VarName15', 'VarName16', 'VarName17', ...
    'VarName18', 'VarName19', 'VarName20', 'VarName21', ...
    'VarName22', 'VarName23', 'VarName24', 'VarName25', ...
    'VarName26', 'VarName27', 'VarName28', 'VarName29', ...
    'VarName30', 'VarName31', 'VarName32', 'VarName33', ...
    'VarName34', 'VarName35'});
```

```
Italy=table2array(Italy);
Kore=table2array(Korea);
```

```
Korea=table2array(Korea);
```

```
x=1991:2019;
```

```
plot(x,Korea,"LineWidth",3)
hold on
title("Korea vs Italy in Emloymen/Population Ratio ")
plot(x,Italy,"LineWidth",3)
xlabel=("Years")
```

```
xlabel =
"Years"
```

```
ylabel("Employment to population ratio(%)")
plot(1997,60.9070,"*", "LineWidth",5)
plot(2007,45.6840,"*", "LineWidth",5)
yline(mean(Korea),"g", "LineWidth",2)
```

```
ans =
    ConstantLine with properties:

    InterceptAxis: 'y'
    Value: 59.4302
```

```

        Color: [0 1 0]
        LineStyle: '-'
        LineWidth: 2
        Label: ''
        DisplayName: ''

```

Show all properties

```

yline(mean(Italy),"LineWidth",2)

```

ans =

ConstantLine with properties:

```

    InterceptAxis: 'y'
        Value: 43.6348
        Color: [0.1500 0.1500 0.1500]
        LineStyle: '-'
        LineWidth: 2
        Label: ''
        DisplayName: ''

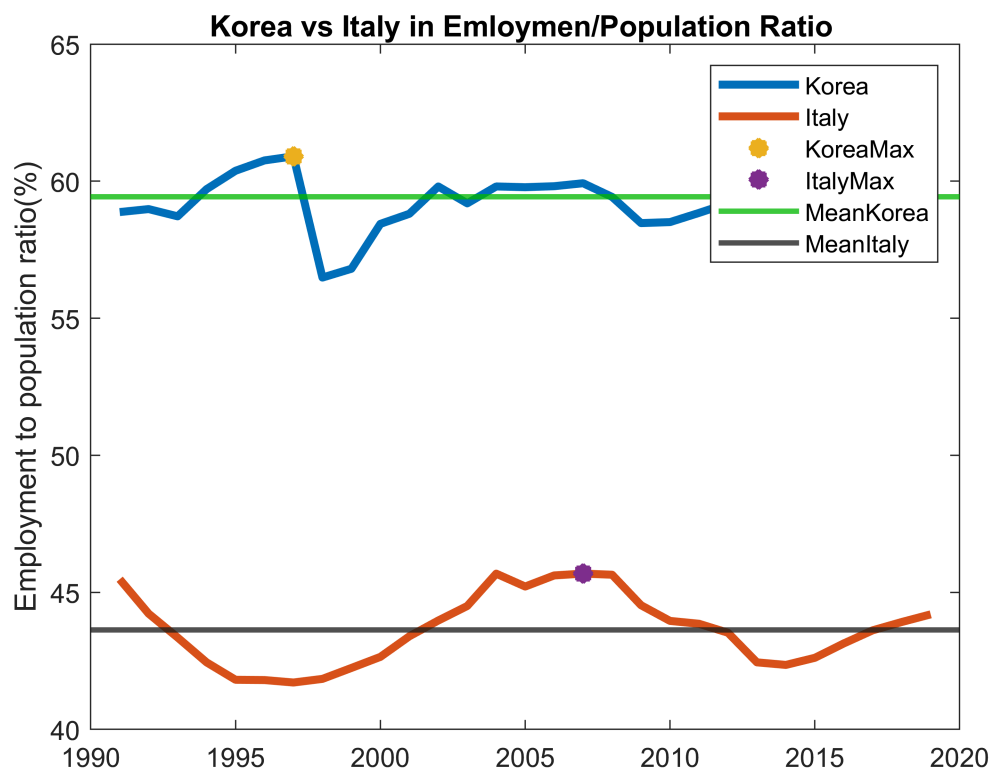
```

Show all properties

```

legend("Korea","Italy","KoreaMax","ItalyMax","MeanKorea","MeanItaly")

```



```

[maxkorey,maxkorex]=max(Korea);
[maxitalyy,maxitalyx]=max(Italy);

```

```

Koremax= max(Korea)

```

Koreamax = 60.9070

Italymax=max(Italy)

Italymax = 45.6840

Koreamin=min(Korea)

Koreamin = 56.4840

Italymin=min(Italy)

Italymin = 41.7110

MedianOfKorea=median(Korea)

MedianOfKorea = 59.7090

MedianOfItaly=median(Italy)

MedianOfItaly = 43.6160

ModeofKorea=mode(Korea)

ModeofKorea = 56.4840

ModeofItaly=mode(Italy)

ModeofItaly = 42.4460

Meanpointofkorea=mean(Korea)

Meanpointofkorea = 59.4302

Meanpointofitaly=mean(Italy)

Meanpointofitaly = 43.6348

Rangevalueofkorea=range(Korea)

Rangevalueofkorea = 4.4230

Rangevalueofitaly=range(Italy)

Rangevalueofitaly = 3.9730

xlim([1990 2020])

