Script for Data Analysis

Adrien Ratsimbaharison

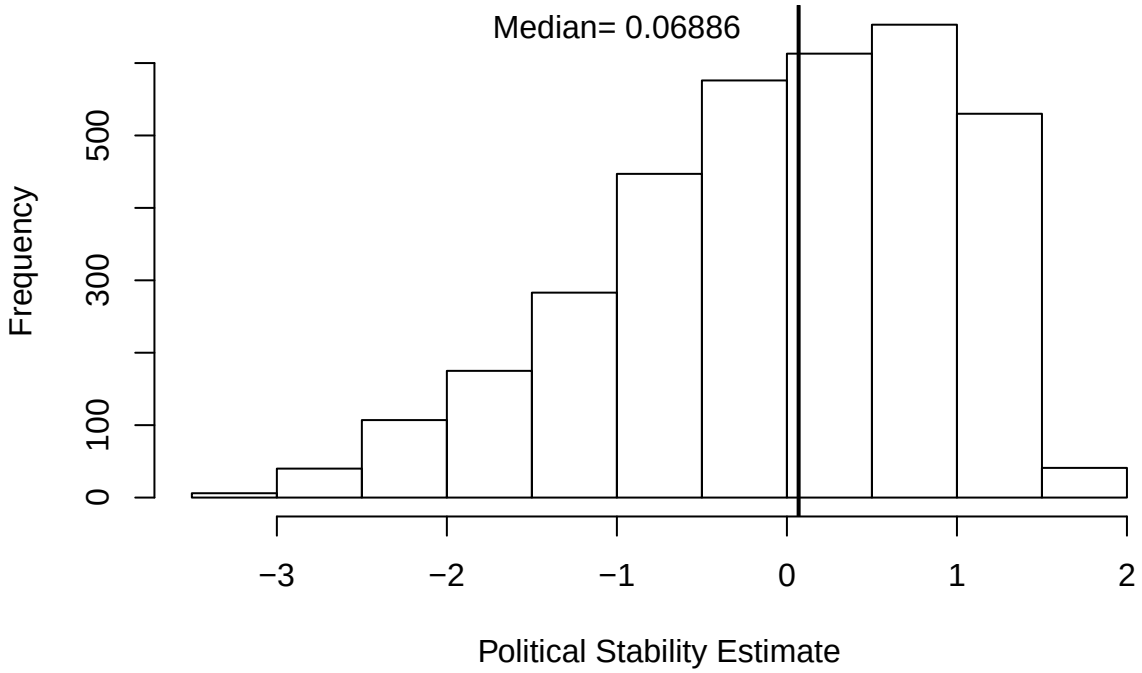
9/29/2018

Descriptive statistics on political stability around the world:

Political Stability Average and Trend for the Period of 1996-2017

- Political stability average

```
##     Min.  1st Qu.   Median     Mean  3rd Qu.     Max.
## -3.31494 -0.69464  0.06886 -0.03591  0.81523  1.96148
```




```
##
##         0         1
## 0.4707577 0.5292423
```

- Political stability by categories:

Var1	Freq
Highly Stable	571
Highly Unstable	611
Moderately Stable	1266
Moderately Unstable	1023

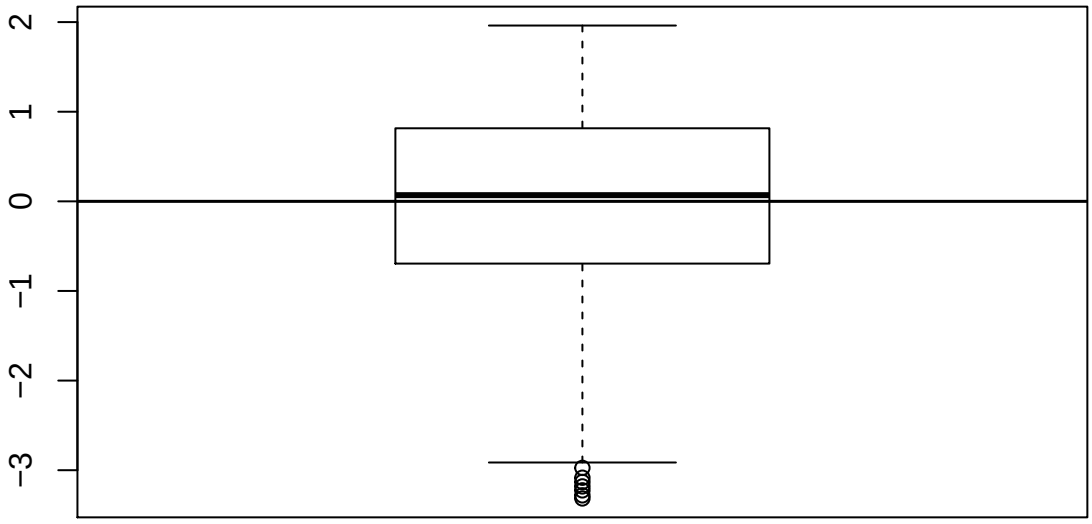
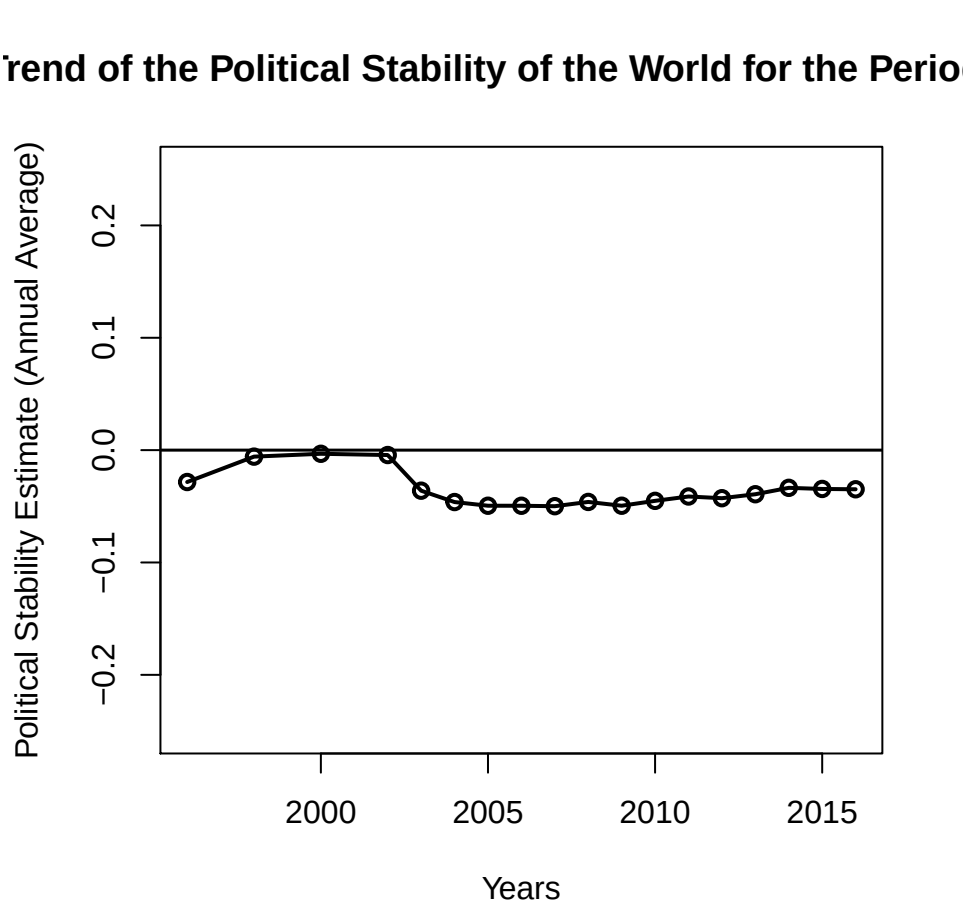
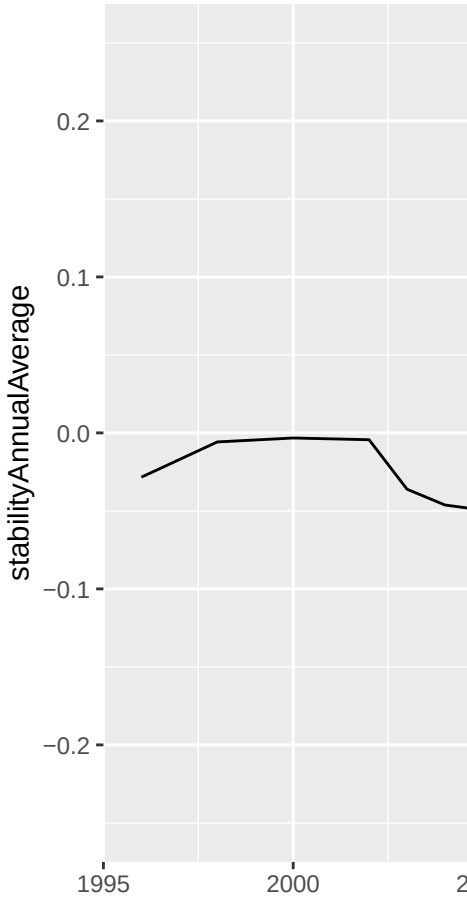


Figure 1: The Political Stability Average of the World for the Period of 1996-2017

- Political stability trend



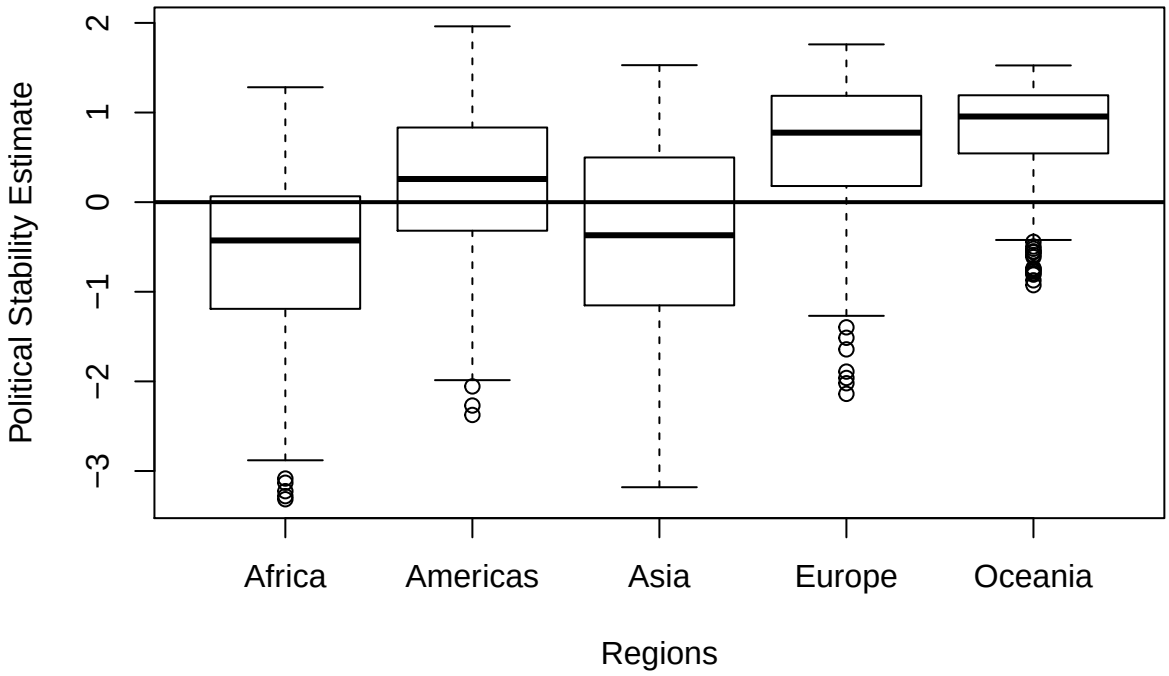


Political Stability by Region and Subregion

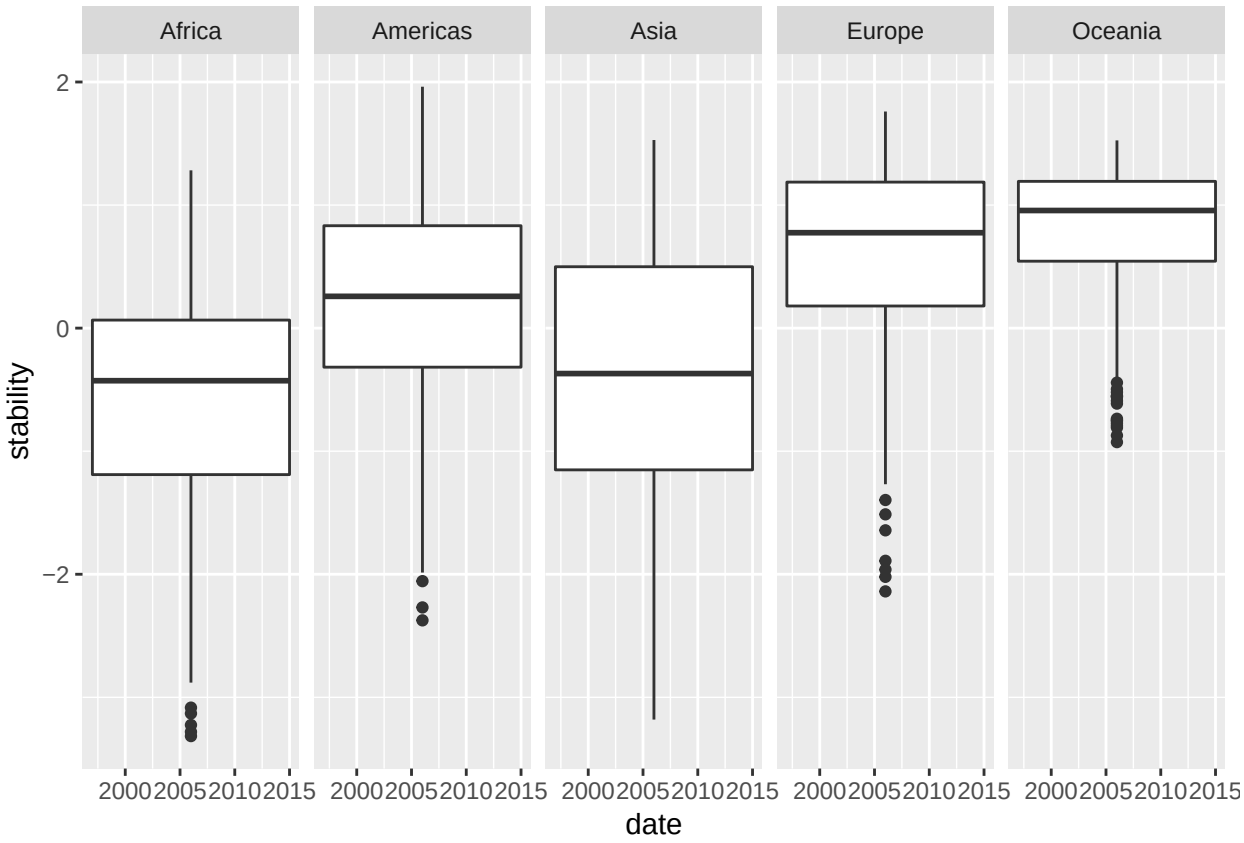
- Political stability average by region

A	frica A	mericas A	sia E	urope O	ceania
0	664	269	541	132	28
1	278	425	356	581	197

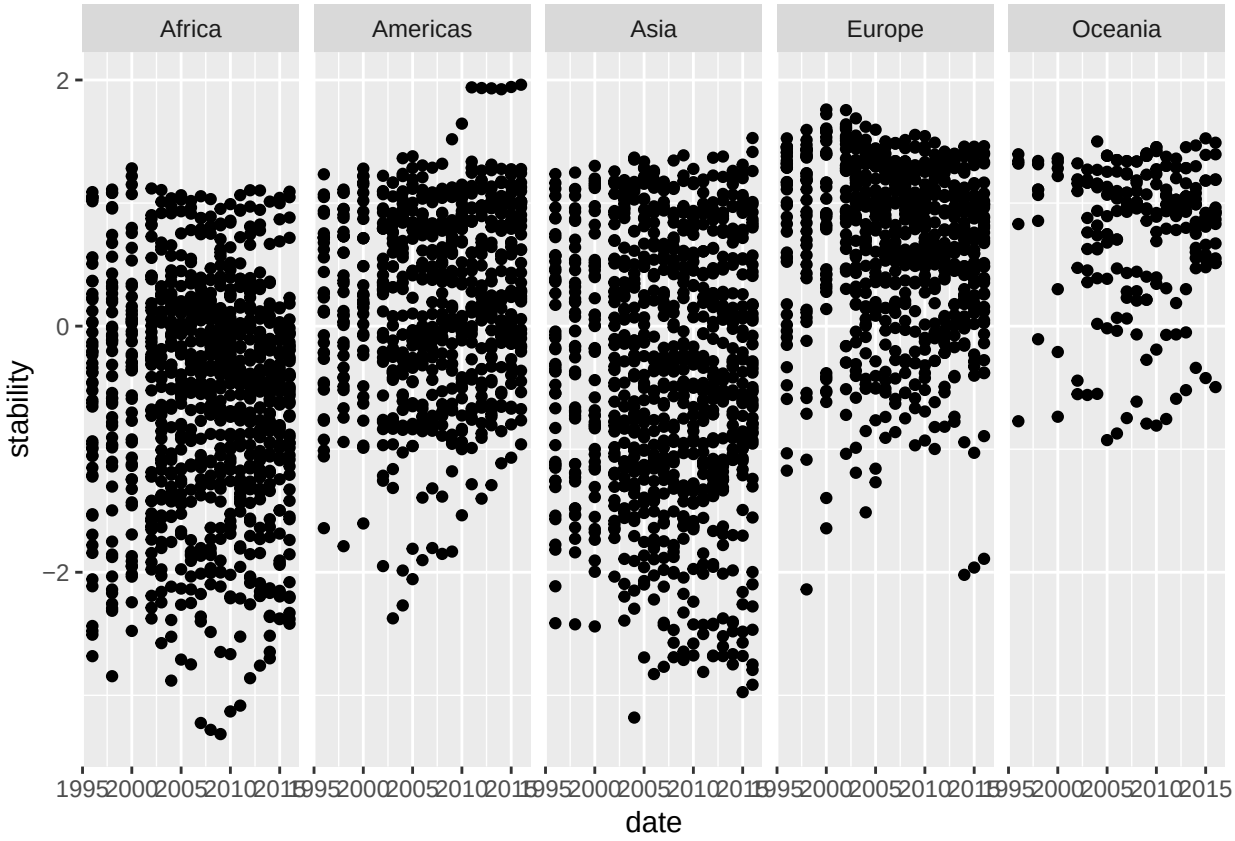
```
##
##         Africa   Americas       Asia     Europe    Oceania
##   0 0.19129934 0.07749928 0.15586286 0.03802939 0.00806684
##   1 0.08009219 0.12244310 0.10256410 0.16738692 0.05675598
```




```
## Warning: Continuous x aesthetic -- did you forget aes(group=...)?
```

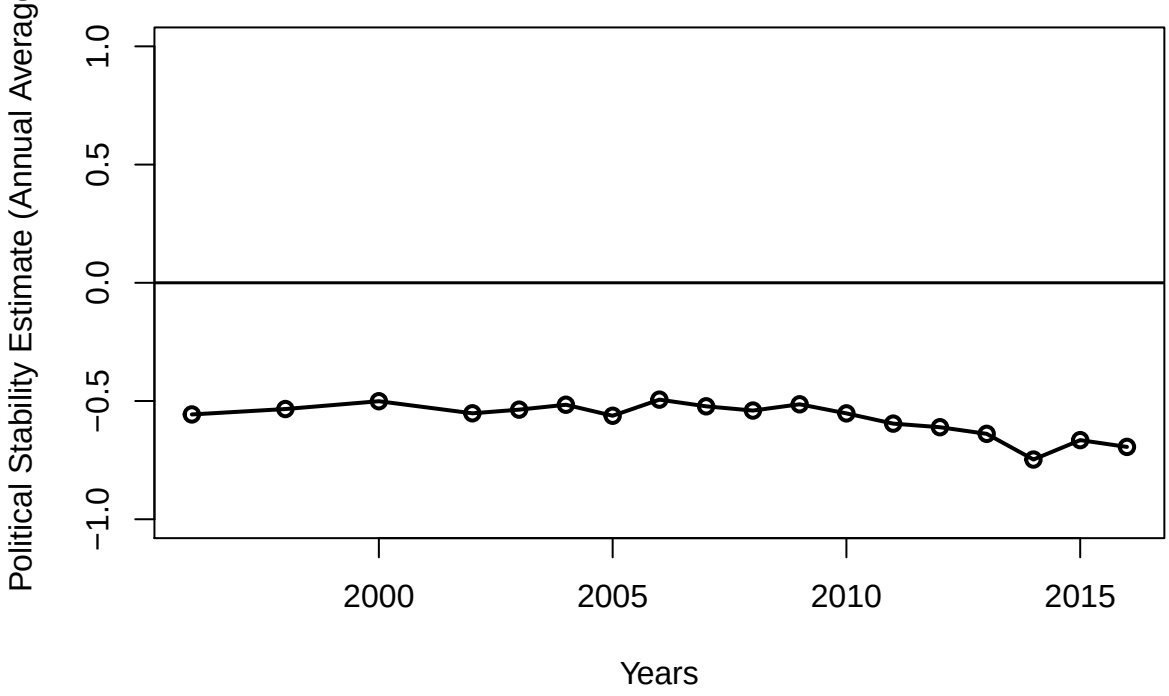


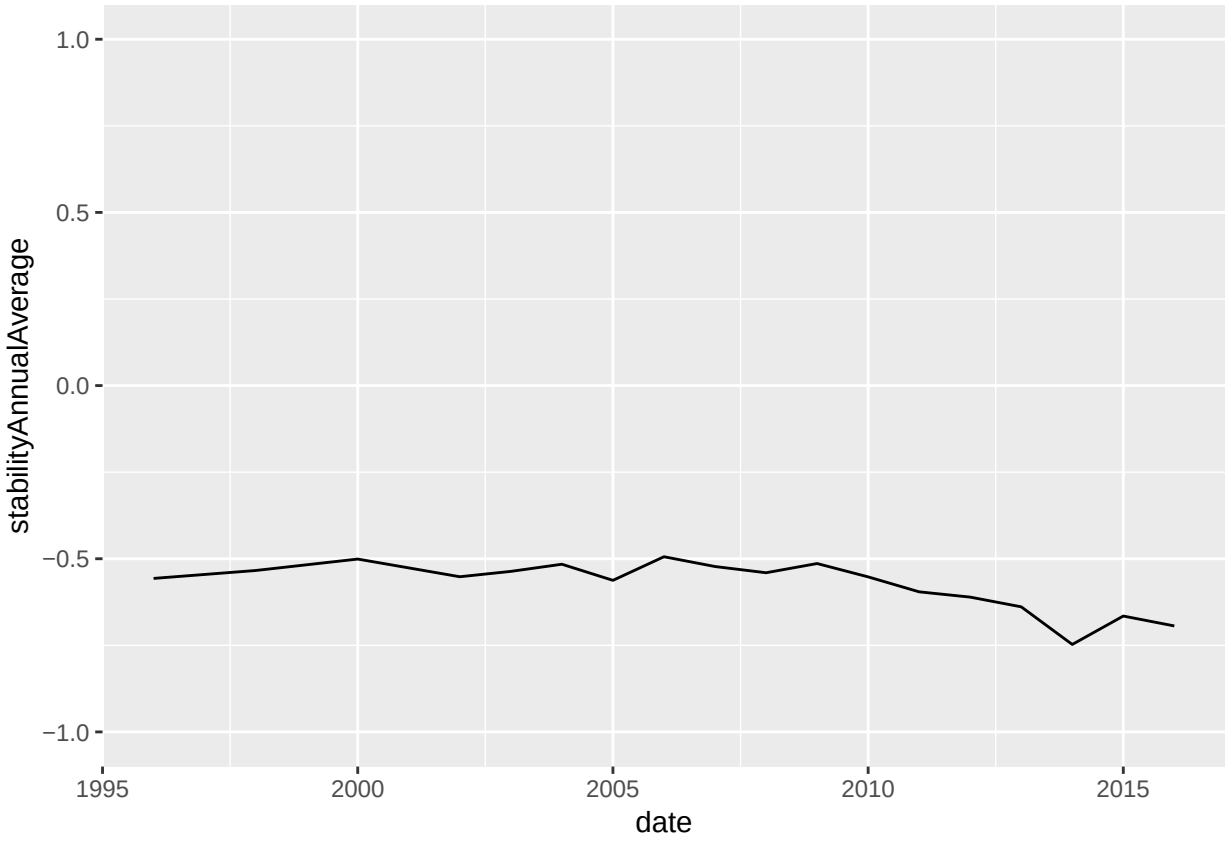
- Political stability trends by region




```
## # A tibble: 6 x 2
##    date stabilityAnnualAverage
##   <dbl>                  <dbl>
## 1  1996                 -0.557
## 2  1998                 -0.534
## 3  2000                 -0.501
## 4  2002                 -0.552
## 5  2003                 -0.536
## 6  2004                 -0.516
```

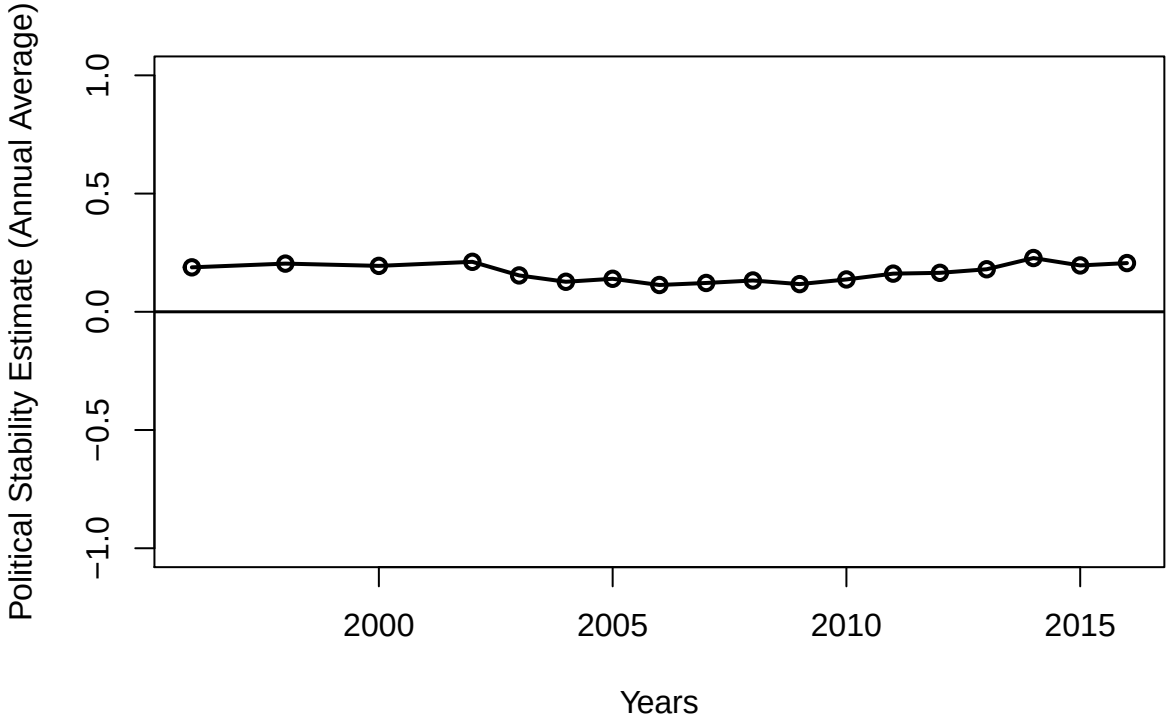
Fig. 1.3 − Trend of the Political Stability in Africa for the Period of 1996−

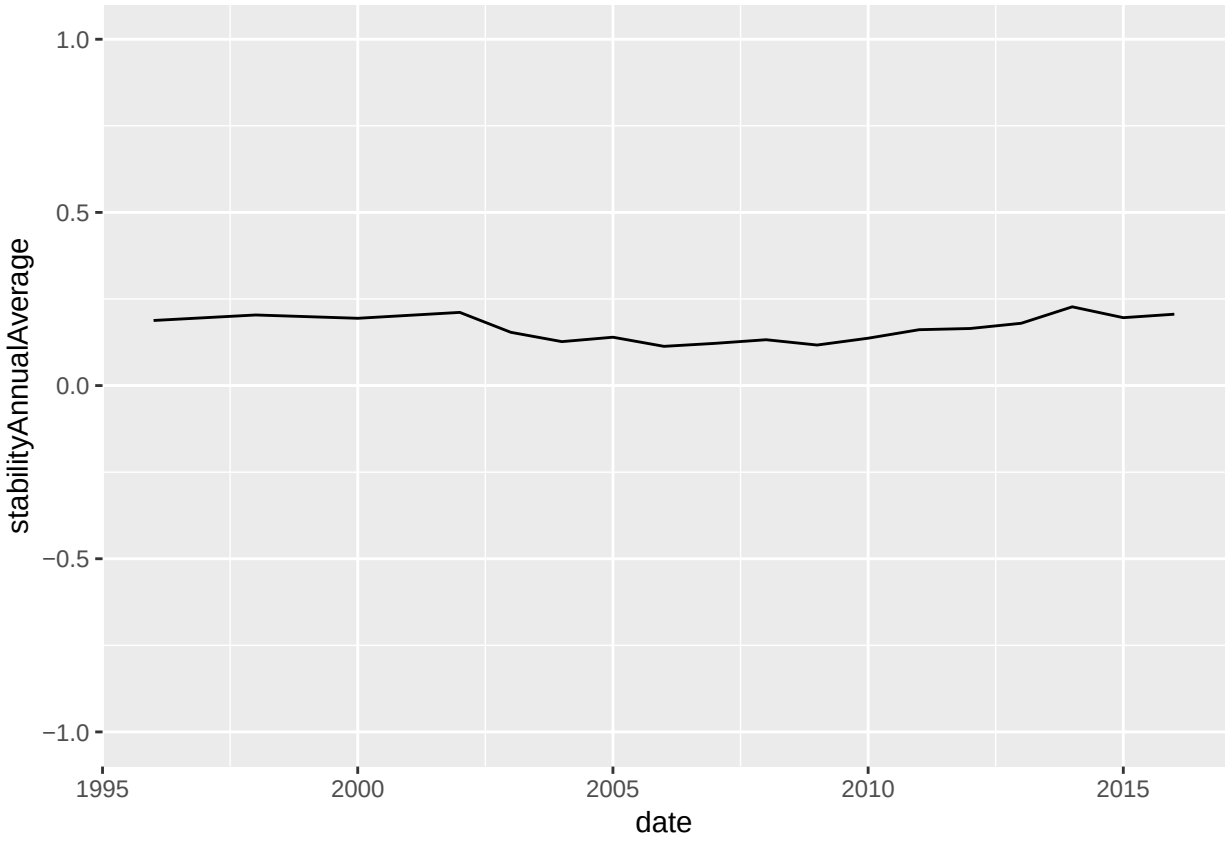





```
## # A tibble: 6 x 2
##    date stabilityAnnualAverage
##   <dbl>                  <dbl>
## 1  1996                  0.188
## 2  1998                  0.204
## 3  2000                  0.194
## 4  2002                  0.211
## 5  2003                  0.154
## 6  2004                  0.127
```

- Trend of the Political Stability for the Rest of the World for the Period (




1.0
0.5
0.0
−0.5
−1.0
stabilityAnnualAverage
1995
2000
2005
2010
2015
date