Assignment 1

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Task 1 Manipulation

Question 1 Load the dataset EurostatCrime2017.csv. Notice that the first column of the csv contains the names of the countries that must be read as row names

Eurocrimedata=read.csv("C:\\Users\\Vivek\\Downloads\\EurostatCrime2017.csv", header = TRUE, r
ow.names = 1)
Eurocrimedata

)/ 1	1/201	9			Assignment			
	##		Intentio	onal homicide	Attempted_inte	ntional	homicide	
	##	Belgium		1.70	· –	_	8.47	
		Bulgaria		1.34			0.44	
		Czechia		0.62			0.72	
		Denmark		1.06			3.69	
		Germany		0.89			2.18	
		Estonia		2.20			1.22	
		Ireland		0.86			0.27	
		Greece		0.72			1.39	
		Spain		0.66			1.76	
		France		1.41			3.77	
		Croatia		1.11			3.01	
		Italy		0.61			1.81	
		Cyprus		0.82			1.17	
		Latvia		5.59			0.92	
		Lithuania		3.97			0.56	
		Luxembourg		0.34			12.53	
		Hungary		1.60			NA	
		Malta		1.96			1.30	
	##	Netherlands		17.09			NA	
		Austria		NA			NA	
	##	Poland		0.73			0.58	
	##	Portugal		0.74			NA	
		Romania		1.46			1.95	
	##	Slovenia		0.92			1.98	
	##	Slovakia		1.47			1.47	
	##	Finland		1.25			6.32	
	##	Sweden		1.13			9.09	
	##	<pre>England_and_Wales</pre>		1.24			NA	
	##	Scotland		1.09			4.52	
	##	Northern_Ireland_UK		1.29			5.30	
	##	Iceland		0.89			2.36	
	##	Liechtenstein		NA			NA	
	##	Norway		0.53			0.93	
	##	Switzerland		0.53			2.27	
	##	Montenegro		1.77			8.19	
	##	North_Macedonia		1.21			2.70	
	##	Albania		1.81			4.48	
	##	Serbia		1.12			1.58	
	##	Turkey		NA			NA	
	##	${\tt Bosnia_and_Herzegovina}$		NA			NA	
	##	Kosovo		1.85			7.51	
	##		Assault	Kidnapping Se	exual.violence	Robbery	Burglary	
	##	Belgium	611.03	10.31	63.22	166.97	NA	
	##	Bulgaria	39.58	1.44	9.19	21.94	124.57	
	##	Czechia	45.06	0.16	13.37	14.98	228.07	
	##	Denmark	33.12	NA	83.41	35.52	955.37	
		Germany	166.09	5.60	42.19	47.08	442.53	
		Estonia	5.78	0.00	19.69	15.28	NA	
		Ireland	84.59	1.59	53.11	45.71	399.24	
		Greece	14.02	0.72	4.21	39.66	606.86	
		Spain	38.88	0.15	25.13	143.53	376.79	
		France	NA	NA	62.50	149.81	NA	
		Croatia	19.21	0.00	11.46	20.80	289.18	
		Italy	108.56	0.33	8.44	51.44	NA	
		Cyprus	16.85	4.21	3.86	13.69	169.40	
	##	Latvia	33.69	0.21	13.44	30.97	300.08	

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	##	Lithuania	6.25	0.00	7.94	38.2	0 NA
	##	Luxembourg	99.04	7.79	61.29	76.8	6 NA
	##	Hungary	NA	0.03	6.00	8.5	8 NA
	##	Malta	40.41	0.00	16.95	43.8	8 342.60
	##	Netherlands	28.04	2.28	28.19	46.7	5 435.71
	##	Austria	NA	NA	NA	N.	A NA
	##	Poland	19.23	NA	8.48	21.3	7 178.32
	##	Portugal	5.66	2.83	24.62	115.2	8 221.86
	##	Romania	1.38	1.58	7.81	16.1	0 138.35
	##	Slovenia	67.67	0.05	20.67	11.5	2 423.64
	##	Slovakia	30.21	1.67	12.97	8.6	3 105.24
	##	Finland	28.73	0.02	55.49	29.8	0 401.63
	##	Sweden	46.87	NA	188.83	86.5	3 845.61
	##	<pre>England_and_Wales</pre>	875.35	7.76	229.31	131.6	3 747.03
	##	Scotland	72.84	4.30	214.75	28.7	4 279.42
	##	Northern_Ireland_UK	56.41	3.59	179.95	30.3	8 365.52
	##	Iceland	30.44	NA	140.68	14.4	8 313.29
	##	Liechtenstein	NA	NA	NA	N.	A NA
	##	Norway	40.16	NA	107.16	14.8	5 NA
	##	Switzerland	6.96	0.04	30.82	20.7	4 491.13
	##	Montenegro	23.62	0.00	3.70	18.9	6 145.09
	##	North_Macedonia	7.14	0.34	4.92	20.1	1 NA
	##	Albania	4.35	0.07	3.93	6.4	0 NA
	##	Serbia	18.24	0.17	4.45	25.9	8 239.01
	##	Turkey	NA	NA	NA	N.	A NA
	##	Bosnia_and_Herzegovina	NA	NA	NA	N.	A NA
	##	Kosovo	18.56	0.90	5.10	17.2	1 320.60
	##		Burglar	y_of_private	e_residential_pre	mises	Theft
	##	Belgium				NA	NA
	##	Bulgaria				NA	451.99
	##	Czechia				68.37	631.51
	##	Denmark			7	02.60	3721.21
	##	Germany			1	41.22	1401.36
	##	Estonia				73.35	580.18
	##	Ireland				NA	1454.59
	##	Greece			2	204.70	1019.05
	##	Spain			2	225.88	349.09
	##	France				NA	NA
	##	Croatia			1	L09.14	298.81
	##	Italy			3	323.20	1765.74
	##	Cyprus			1	L07.98	110.43
	##	Latvia				73.28	745.29
	##	Lithuania				90.94	598.33
	##	Luxembourg				NA	NA
	##	Hungary				NA	819.95
	##	Malta			1	.85.32	1793.41
	##	Netherlands			2	291.51	1517.78
	##	Austria				NA	NA
	##	Poland				55.62	281.58
	##	Portugal			1	19.31	759.36
	##	Romania				73.70	489.47
	##	Slovenia			1	40.62	994.19
	##	Slovakia				30.26	287.21
	##	Finland				86.69	2003.22
	##	Sweden			3	87.51	3524.83
	##	<pre>England_and_Wales</pre>			4	25.63	2685.07
	##	Scotland			2	201.17	1598.29
	##	Northern_Ireland_UK				NA	1254.61

```
## Iceland
                                                               113.20 1129.60
## Liechtenstein
                                                                   NA
                                                                            NA
                                                                   NA 1791.05
## Norway
## Switzerland
                                                               286.01 1647.57
## Montenegro
                                                                   NA
                                                                         80.82
## North_Macedonia
                                                                   NA
                                                                            NA
## Albania
                                                                39.80 176.98
## Serbia
                                                                63.82
                                                                       295.00
## Turkey
                                                                   NA
                                                                            NA
## Bosnia_and_Herzegovina
                                                                            NA
## Kosovo
                                                                   NA 336.69
##
                           Theft_of_a_motorized_land_vehicle
## Belgium
                                                         33.36
## Bulgaria
## Czechia
                                                        201.84
## Denmark
                                                          3.79
## Germany
                                                         65.58
## Estonia
                                                         25.77
## Ireland
                                                        102.46
## Greece
                                                        315.99
## Spain
                                                         70.70
## France
                                                            NA
## Croatia
                                                         20.56
## Italy
                                                        240.57
## Cyprus
                                                        112.31
## Latvia
                                                         55.48
## Lithuania
                                                         35.08
## Luxembourg
                                                            NA
## Hungary
                                                            NΑ
## Malta
                                                         72.13
## Netherlands
                                                        148.99
## Austria
                                                            NA
## Poland
                                                         32.78
## Portugal
                                                         99.46
## Romania
                                                         14.90
## Slovenia
                                                         26.09
## Slovakia
                                                         28.04
## Finland
                                                        110.84
## Sweden
                                                        247.52
## England_and_Wales
                                                        191.25
## Scotland
                                                        92.78
## Northern_Ireland_UK
                                                         75.59
## Iceland
                                                        137.73
## Liechtenstein
                                                            NA
                                                         77.15
## Norway
## Switzerland
                                                         78.77
## Montenegro
                                                          4.98
## North_Macedonia
                                                            NA
## Albania
                                                         11.44
## Serbia
                                                         22.31
## Turkey
                                                            NA
## Bosnia_and_Herzegovina
                                                            NA
## Kosovo
##
                           Unlawful_acts_involving_controlled_drugs_or_precursors
## Belgium
                                                                              506.65
## Bulgaria
                                                                               70.25
## Czechia
                                                                               52.93
## Denmark
                                                                              481.56
```

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##	Germany	400.60	
##	Estonia	441.46	
##	Ireland	351.58	
##	Greece	118.82	
##	Spain	27.85	
##	France	344.77	
##	Croatia	NA	
##	Italy	63.28	
##	Cyprus	111.02	
##	Latvia	153.27	
##	Lithuania	92.07	
##	Luxembourg	454.23	
##	Hungary	65.96	
##	Malta	67.35	
##	Netherlands	70.11	
##	Austria	NA	
##	Poland	170.26	
##	Portugal	62.86	
##	Romania	25.24	
##	Slovenia	78.61	
##	Slovakia	27.23	
##	Finland	505.61	
	Sweden	1027.08	
##	<pre>England_and_Wales</pre>	44.43	
##	Scotland	596.43	
##	Northern_Ireland_UK	336.11	
##	Iceland	641.05	
##	Liechtenstein	NA	
##	Norway	638.70	
##	Switzerland	951.05	
##	Montenegro	37.12	
	North_Macedonia	NA	
	Albania	72.55	
	Serbia	119.41	
	Turkey	NA	
	Bosnia_and_Herzegovina	NA	
##	Kosovo	74.46	

Question 2

The size (number of rows and columns) and the structure of this dataset.

str(Eurocrimedata)

```
## 'data.frame':
                    41 obs. of 11 variables:
## $ Intentional homicide
                                                                 1.7 1.34 0.62 1.06 0.89 2.
                                                            : num
2 0.86 0.72 0.66 1.41 ...
## $ Attempted intentional homicide
                                                            : num 8.47 0.44 0.72 3.69 2.18
1.22 0.27 1.39 1.76 3.77 ...
## $ Assault
                                                                  611 39.6 45.1 33.1 166.1
## $ Kidnapping
                                                            : num 10.31 1.44 0.16 NA 5.6 ...
## $ Sexual.violence
                                                            : num 63.22 9.19 13.37 83.41 42.
19 ...
## $ Robbery
                                                                   167 21.9 15 35.5 47.1 ...
## $ Burglary
                                                                  NA 125 228 955 443 ...
                                                            : num
## $ Burglary_of_private_residential_premises
                                                                  NA NA 68.4 702.6 141.2 ...
                                                            : num
## $ Theft
                                                                  NA 452 632 3721 1401 ...
                                                            : num
## $ Theft_of_a_motorized_land_vehicle
                                                                  NA 33.36 201.84 3.79 65.58
                                                           : num
## $ Unlawful_acts_involving_controlled_drugs_or_precursors: num 506.6 70.2 52.9 481.6 400.
6 ...
```

```
nrow(Eurocrimedata)
```

```
## [1] 41
```

```
ncol(Eurocrimedata)
```

```
## [1] 11
```

Question 3

Please consider NA values as 0 in this case. Add a new column called All Theft Remove the columns: Theft, Theft of a motorized land vehicle, Burglary, and Burglary of private residential premises.

```
Eurocrimedata$Theft[is.na(Eurocrimedata$Theft)] <-0
Eurocrimedata$Burglary[is.na(Eurocrimedata$Burglary)]<- 0
Eurocrimedata$Burglary_of_private_residential_premises[(is.na(Eurocrimedata$Burglary_of_private_residential_premises))]<-0
Eurocrimedata$Theft_of_a_motorized_land_vehicle[is.na(Eurocrimedata$Theft_of_a_motorized_land_vehicle)]<-0
```

Eurocrimedata\$All_Theft<-(Eurocrimedata\$Theft+Eurocrimedata\$Theft_of_a_motorized_land_vehicle
+Eurocrimedata\$Burglary+Eurocrimedata\$Burglary_of_private_residential_premises)
Eurocrimedata\$All_Theft</pre>

```
## [1] 0.00 609.92 1129.79 5382.97 2050.69 679.30 1956.29 2146.60

## [9] 1022.46 0.00 717.69 2329.51 500.12 1174.13 724.35 0.00

## [17] 819.95 2393.46 2393.99 0.00 548.30 1199.99 716.42 1584.54

## [25] 450.75 2602.38 5005.47 4048.98 2171.66 1695.72 1693.82 0.00

## [33] 1868.20 2503.48 230.89 0.00 228.22 620.14 0.00 0.00

## [41] 670.41
```

str(Eurocrimedata)

```
## 'data.frame':
                   41 obs. of 12 variables:
## $ Intentional homicide
                                                           : num 1.7 1.34 0.62 1.06 0.89 2.
2 0.86 0.72 0.66 1.41 ...
## $ Attempted_intentional_homicide
                                                           : num 8.47 0.44 0.72 3.69 2.18
1.22 0.27 1.39 1.76 3.77 ...
## $ Assault
                                                           : num 611 39.6 45.1 33.1 166.1
## $ Kidnapping
                                                           : num 10.31 1.44 0.16 NA 5.6 ...
## $ Sexual.violence
                                                           : num 63.22 9.19 13.37 83.41 42.
19 ...
## $ Robbery
                                                           : num 167 21.9 15 35.5 47.1 ...
## $ Burglary
                                                           : num 0 125 228 955 443 ...
## $ Burglary_of_private_residential_premises
                                                           : num 0 0 68.4 702.6 141.2 ...
## $ Theft
                                                           : num 0 452 632 3721 1401 ...
## $ Theft_of_a_motorized_land_vehicle
                                                           : num 0 33.36 201.84 3.79 65.58
## $ Unlawful_acts_involving_controlled_drugs_or_precursors: num 506.6 70.2 52.9 481.6 400.
6 ...
## $ All_Theft
                                                           : num 0 610 1130 5383 2051 ...
```

```
NewEurocrimedata<-data.frame(Eurocrimedata)
NewEurocrimedata <-subset(Eurocrimedata, select = -c(7,8,9,10))
NewEurocrimedata</pre>
```

				3			
##		Intentio	onal homicide	Attempted_inte	ntional	homicide	
##	Belgium		1.70	· –	_	8.47	
	Bulgaria		1.34			0.44	
	Czechia		0.62			0.72	
	Denmark		1.06			3.69	
	Germany		0.89			2.18	
	Estonia		2.20			1.22	
	Ireland		0.86			0.27	
	Greece		0.72			1.39	
	Spain		0.66			1.76	
	France		1.41			3.77	
	Croatia		1.11			3.01	
	Italy		0.61			1.81	
	Cyprus		0.82			1.17	
	Latvia		5.59			0.92	
	Lithuania		3.97			0.56	
	Luxembourg		0.34			12.53	
	· ·		1.60			12.55 NA	
	Hungary Malta		1.96				
						1.30	
	Netherlands		17.09			NA	
	Austria		NA 0.73			NA O FO	
	Poland		0.73			0.58	
	Portugal		0.74			NA 1 05	
	Romania		1.46			1.95	
	Slovenia		0.92			1.98	
	Slovakia		1.47			1.47	
	Finland		1.25			6.32	
	Sweden		1.13			9.09	
	<pre>England_and_Wales</pre>		1.24			NA	
	Scotland		1.09			4.52	
	Northern_Ireland_UK		1.29			5.30	
##	Iceland		0.89			2.36	
##	Liechtenstein		NA			NA	
##	Norway		0.53			0.93	
##	Switzerland		0.53			2.27	
##	Montenegro		1.77			8.19	
##	North_Macedonia		1.21			2.70	
##	Albania		1.81			4.48	
##	Serbia		1.12			1.58	
##	Turkey		NA			NA	
##	Bosnia_and_Herzegovina		NA			NA	
##	Kosovo		1.85			7.51	
##		Assault	Kidnapping Se	exual.violence	Robbery		
##	Belgium	611.03	10.31	63.22	166.97		
##	Bulgaria	39.58	1.44	9.19	21.94		
##	Czechia	45.06	0.16	13.37	14.98		
##	Denmark	33.12	NA	83.41	35.52		
##	Germany	166.09	5.60	42.19	47.08		
	Estonia	5.78	0.00	19.69	15.28		
	Ireland	84.59	1.59	53.11	45.71		
	Greece	14.02	0.72	4.21	39.66		
	Spain	38.88	0.15	25.13	143.53		
	France	NA	NA	62.50	149.81		
	Croatia	19.21	0.00	11.46	20.80		
	Italy	108.56	0.33	8.44			
	Cyprus	16.85	4.21	3.86	13.69		
	Latvia	33.69	4.21 0.21	13.44	30.97		
##	Latvia	33.09	0.21	13.44	20.37		

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	##	Lithuania	6.25	0.00	7.94	38.20	
	##	Luxembourg	99.04	7.79	61.29	76.86	
	##	Hungary	NA	0.03	6.00	8.58	
		Malta	40.41	0.00	16.95	43.88	
		Netherlands	28.04	2.28	28.19	46.75	
		Austria	NA	NA	NA	NA	
		Poland	19.23	NA	8.48	21.37	
		Portugal	5.66	2.83	24.62	115.28	
		Romania	1.38	1.58	7.81	16.10	
		Slovenia	67.67	0.05	20.67	11.52	
		Slovakia	30.21	1.67	12.97	8.63	
		Finland		0.02		29.80	
			28.73		55.49		
		Sweden	46.87	NA 7. 7.6	188.83	86.53	
		England_and_Wales	875.35	7.76	229.31	131.63	
		Scotland	72.84	4.30	214.75	28.74	
		Northern_Ireland_UK	56.41	3.59	179.95	30.38	
		Iceland	30.44	NA	140.68	14.48	
		Liechtenstein	NA	NA	NA	NA	
		Norway	40.16	NA	107.16	14.85	
		Switzerland	6.96	0.04	30.82	20.74	
		Montenegro	23.62	0.00	3.70	18.96	
		North_Macedonia	7.14	0.34	4.92	20.11	
		Albania	4.35	0.07	3.93	6.40	
	##	Serbia	18.24	0.17	4.45	25.98	
	##	Turkey	NA	NA	NA	NA	
	##	Bosnia_and_Herzegovina	NA	NA	NA	NA	
	##	Kosovo	18.56	0.90	5.10	17.21	
	##		Unlawful_	_acts_involvin	ng_controlled_	drugs_or	_precursors
	##	Belgium					506.65
	##	Bulgaria					70.25
	##	Czechia					52.93
	##	Denmark					481.56
	##	Germany					400.60
	##	Estonia					441.46
	##	Ireland					351.58
	##	Greece					118.82
	##	Spain					27.85
	##	France					344.77
	##	Croatia					NA
	##	Italy					63.28
	##	Cyprus					111.02
		Latvia					153.27
	##	Lithuania					92.07
	##	Luxembourg					454.23
		Hungary					65.96
		Malta					67.35
		Netherlands					70.11
		Austria					NA
		Poland					170.26
		Portugal					62.86
		Romania					25.24
		Slovenia					78.61
		Slovakia					27.23
		Finland					505.61
		Sweden					1027.08
		England_and_Wales					44.43
		Scotland					596.43
		Northern_Ireland_UK					336.11
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## Iceland		641.05
## Liechtenstein		NA
## Norway		638.70
## Switzerland		951.05
## Montenegro		37.12
## North_Macedonia		NA
## Albania		72.55
## Serbia		119.41
## Turkey		NA
## Bosnia_and_Herzegovir	na	NA
## Kosovo	.•	74.46
##	All_Theft	,
## Belgium	0.00	
## Bulgaria	609.92	
## Czechia	1129.79	
## Denmark	5382.97	
## Germany	2050.69	
## Estonia	679.30	
## Ireland	1956.29	
## Greece	2146.60	
## Spain	1022.46	
## France	0.00	
## Croatia	717.69	
## Italy	2329.51	
## Cyprus	500.12	
## Latvia	1174.13	
## Lithuania	724.35	
## Luxembourg	0.00	
## Hungary	819.95	
## Malta	2393.46	
## Netherlands	2393.99	
## Austria	0.00	
## Poland	548.30	
## Portugal	1199.99	
## Romania	716.42	
## Slovenia	1584.54	
## Slovakia	450.75	
## Finland	2602.38	
## Sweden	5005.47	
## England_and_Wales	4048.98	
## Scotland	2171.66	
## Northern_Ireland_UK	1695.72	
## Iceland	1693.82	
## Liechtenstein	0.00	
	1868.20	
## Norway ## Switzerland		
	2503.48	
## Montenegro	230.89	
## North_Macedonia	0.00	
## Albania	228.22	
## Serbia	620.14	
## Turkey	0.00	
## Bosnia_and_Herzegovir		
## Kosovo	670.41	

Question 5 and 6

Remove the countries with missing data from the data frame. Adding new data frame containing complete cases.

```
newdf<-NewEurocrimedata[!complete.cases(NewEurocrimedata),]
Countries<-row.names(newdf)
Countries</pre>
```

```
##
   [1] "Denmark"
                                  "France"
   [3] "Croatia"
                                  "Hungary"
## [5] "Netherlands"
                                  "Austria"
                                  "Portugal"
## [7] "Poland"
   [9] "Sweden"
                                  "England_and_Wales"
## [11] "Iceland"
                                  "Liechtenstein"
                                  "North Macedonia"
## [13] "Norway"
## [15] "Turkey"
                                  "Bosnia_and_Herzegovina"
```

```
a<-NewEurocrimedata[complete.cases(NewEurocrimedata),]
str(a)</pre>
```

```
## 'data.frame':
                   25 obs. of 8 variables:
                                                           : num 1.7 1.34 0.62 0.89 2.2 0.8
## $ Intentional_homicide
6 0.72 0.66 0.61 0.82 ...
## $ Attempted intentional homicide
                                                           : num 8.47 0.44 0.72 2.18 1.22
0.27 1.39 1.76 1.81 1.17 ...
## $ Assault
                                                           : num 611.03 39.58 45.06 166.09
5.78 ...
## $ Kidnapping
                                                           : num 10.31 1.44 0.16 5.6 0 ...
                                                           : num 63.22 9.19 13.37 42.19 19.
## $ Sexual.violence
69 ...
## $ Robbery
                                                           : num 167 21.9 15 47.1 15.3 ...
## $ Unlawful_acts_involving_controlled_drugs_or_precursors: num 506.6 70.2 52.9 400.6 441.
5 ...
## $ All Theft
                                                           : num 0 610 1130 2051 679 ...
```

Task 2: Analysis

The 3 most common crimes in Ireland in 2017 and the country which the highest overall record of offences

```
Top<- sort(a['Ireland',],decreasing = TRUE)
Top[1]</pre>
```

```
## All_Theft
## Ireland 1956.29
```

```
Top[2]
```

```
## Unlawful_acts_involving_controlled_drugs_or_precursors
## Ireland 351.58
```

```
Top[3]
```

```
## Assault
## Ireland 84.59
```

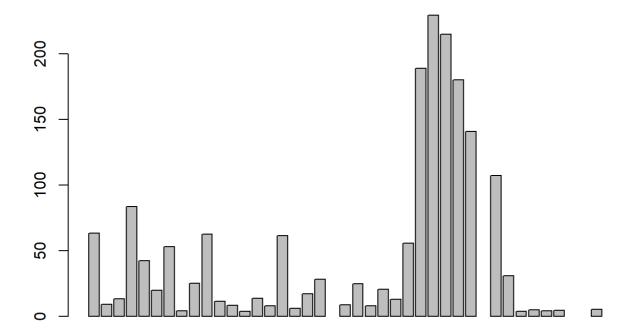
```
Highestoffense<-sort(apply(a,MARGIN=1,FUN= sum),decreasing = TRUE)
Highestoffense[1]</pre>
```

```
## Switzerland
## 3515.89
```

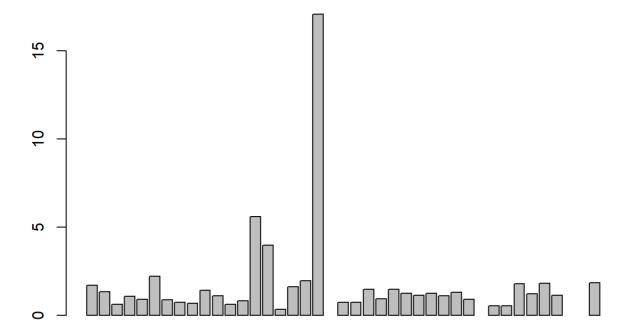
Task3 Creativity.

All the crimes individually are plotted in form of barplot, boxplot and pair. In case of bar plot x- axis are the countries. In case of boxplot we can see that most of the graphs are negatively skewed.

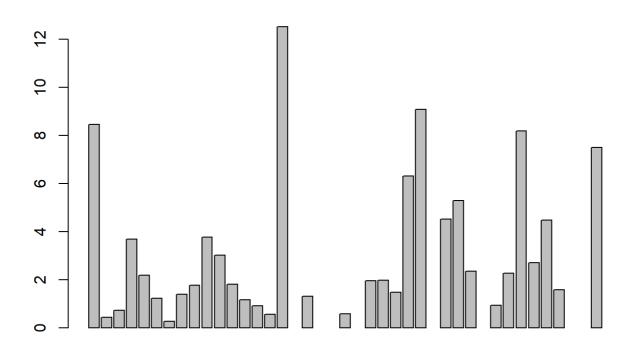
barplot(NewEurocrimedata\$Sexual.violence)



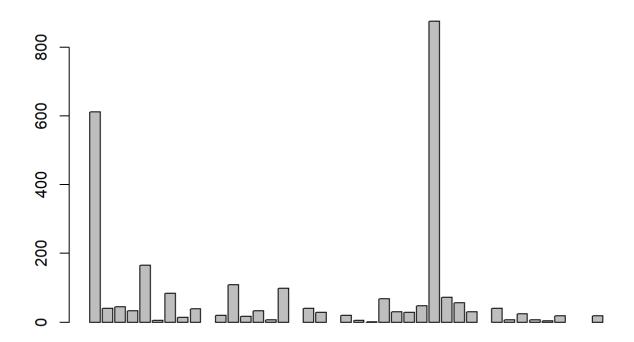
barplot(NewEurocrimedata\$Intentional_homicide)



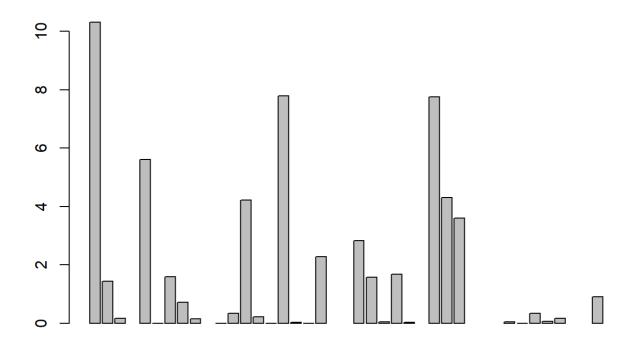
barplot(NewEurocrimedata\$Attempted_intentional_homicide)



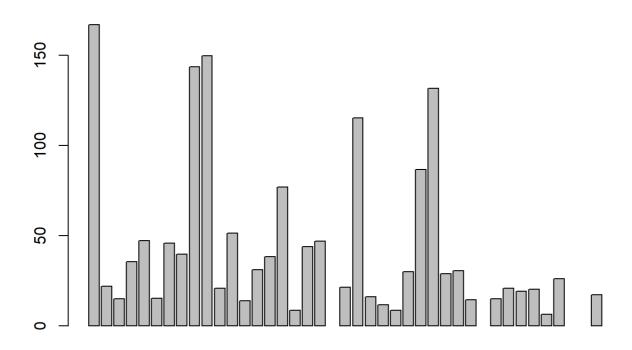
barplot(NewEurocrimedata\$Assault)



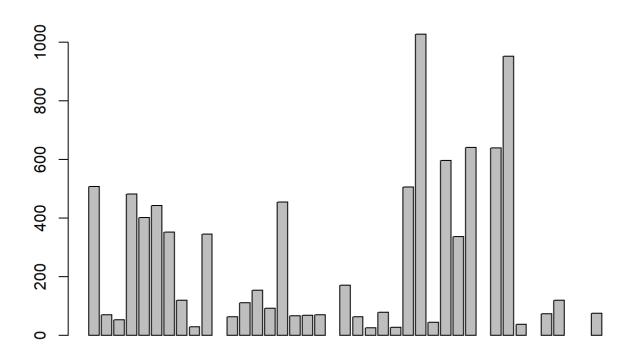
barplot(NewEurocrimedata\$Kidnapping)



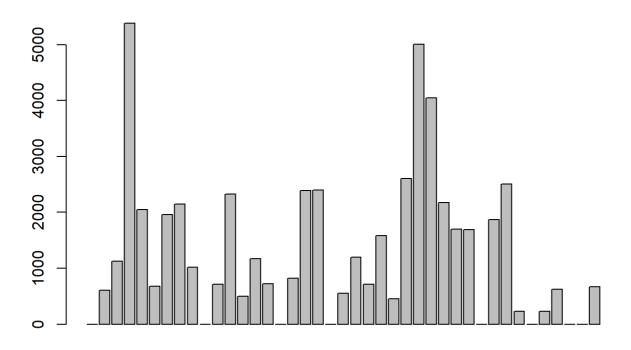
barplot(NewEurocrimedata\$Robbery)



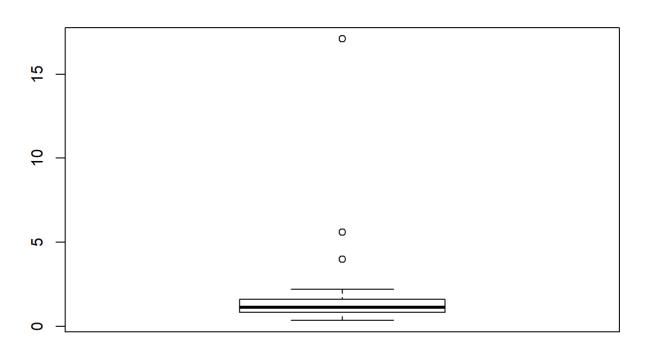
barplot(NewEurocrimedata\$Unlawful_acts_involving_controlled_drugs_or_precursors)



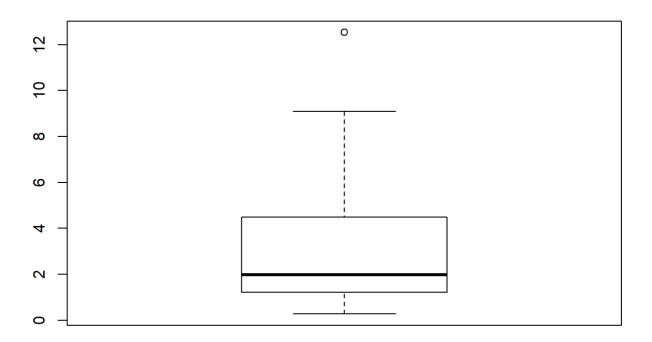
barplot(NewEurocrimedata\$All_Theft)



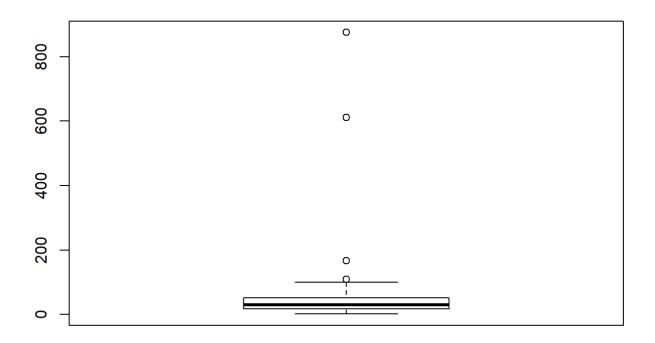
boxplot(NewEurocrimedata\$Intentional_homicide)



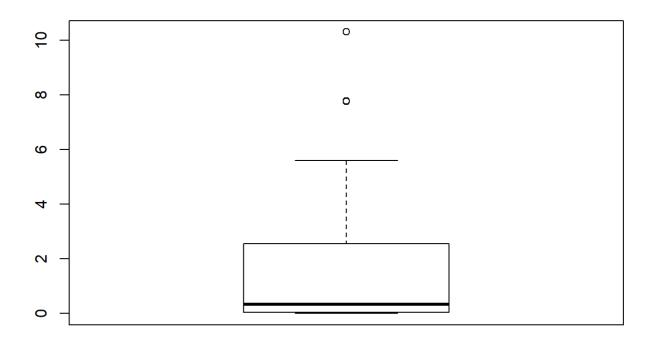
boxplot(NewEurocrimedata\$Attempted_intentional_homicide)



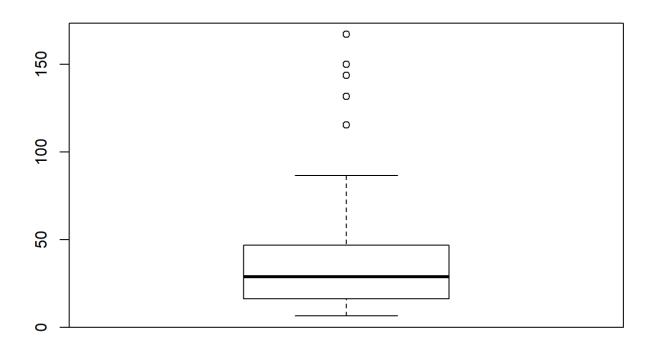
boxplot(NewEurocrimedata\$Assault)



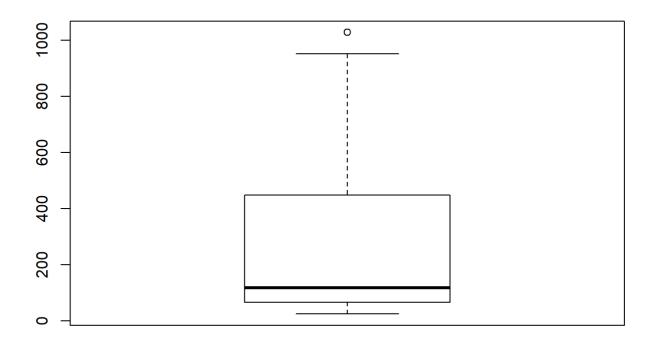
boxplot(NewEurocrimedata\$Kidnapping)



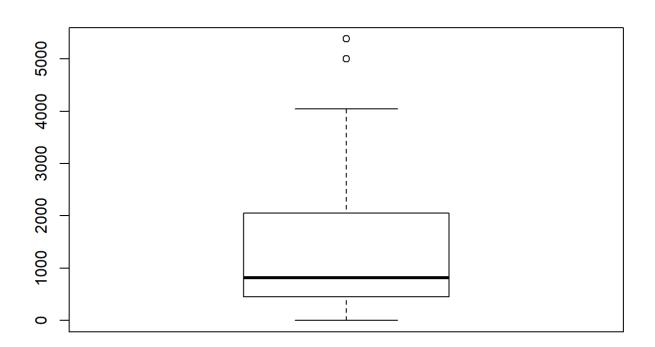
boxplot(NewEurocrimedata\$Robbery)



boxplot(NewEurocrimedata\$Unlawful_acts_involving_controlled_drugs_or_precursors)



boxplot(NewEurocrimedata\$All_Theft)



pairs(NewEurocrimedata)

