Univariate Analysis

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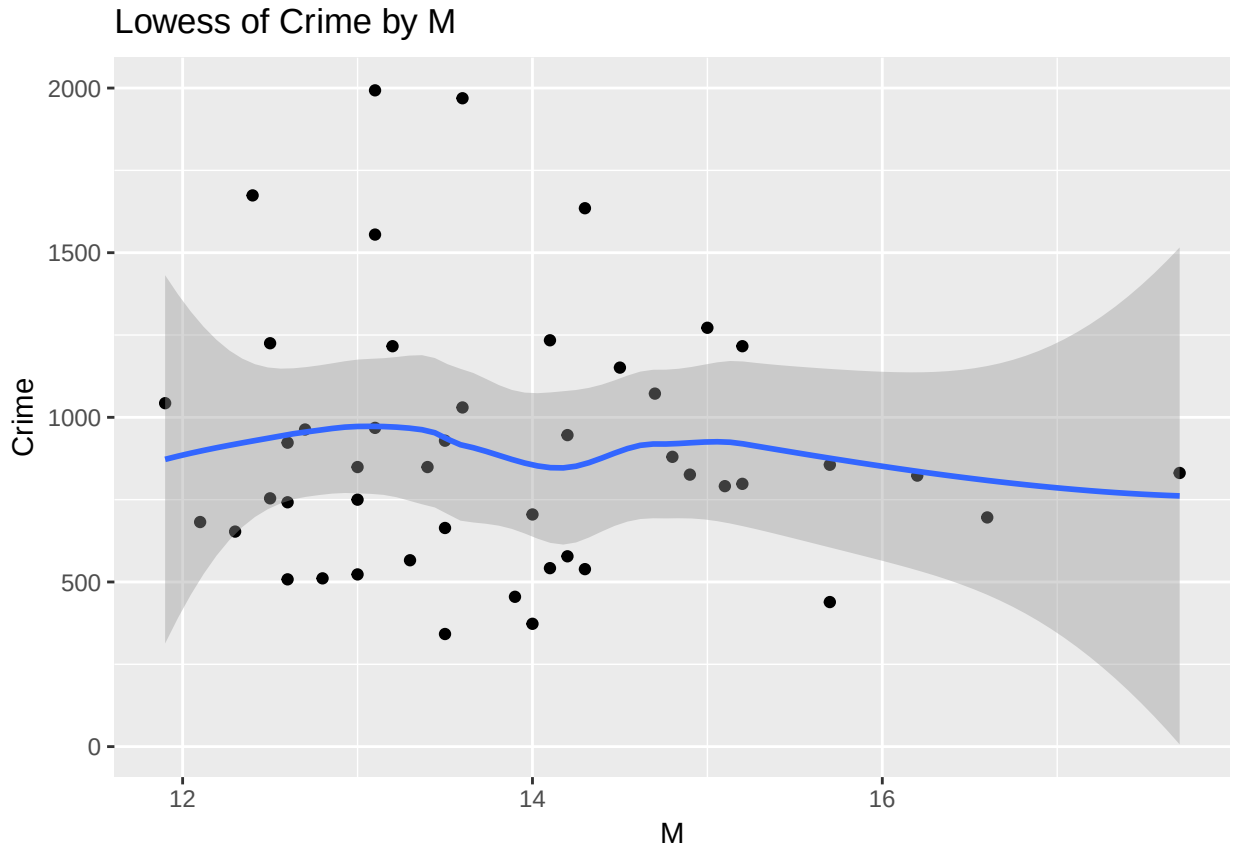
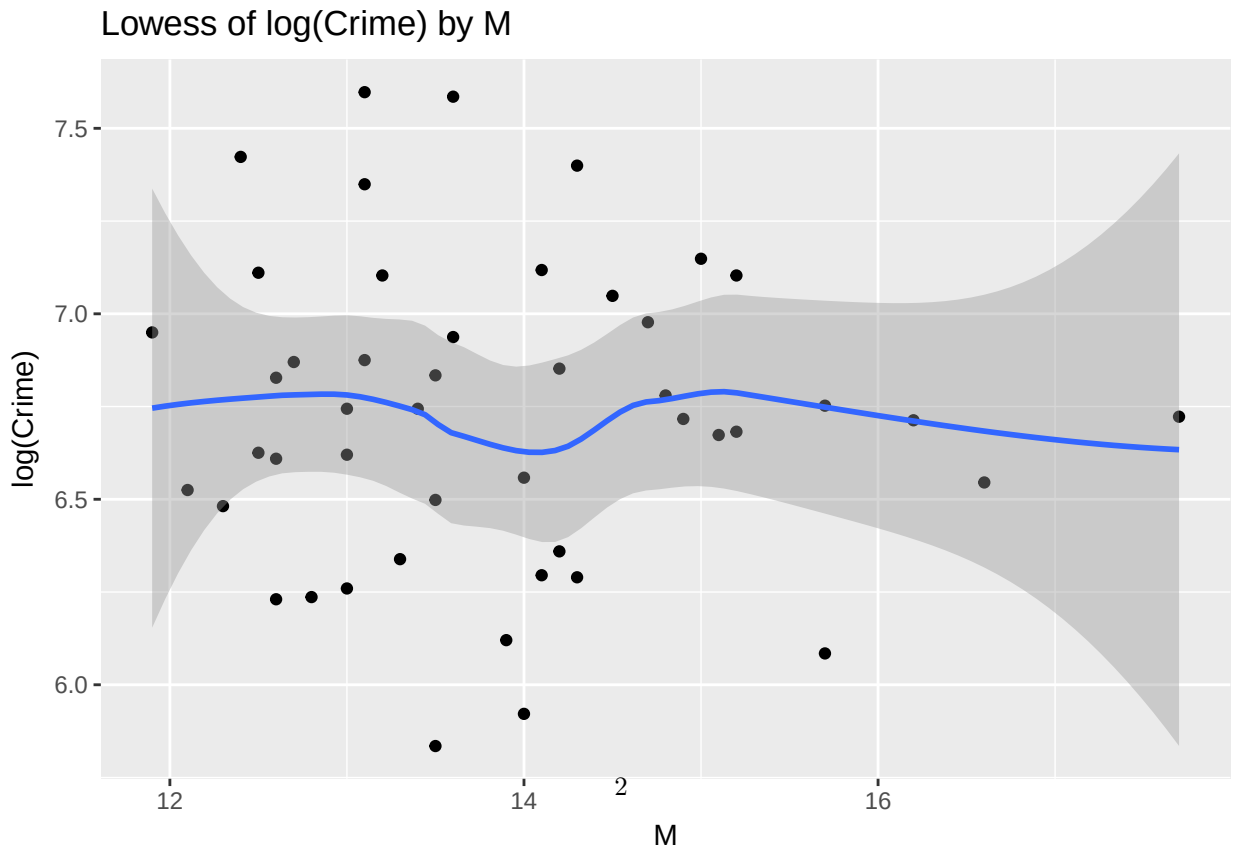
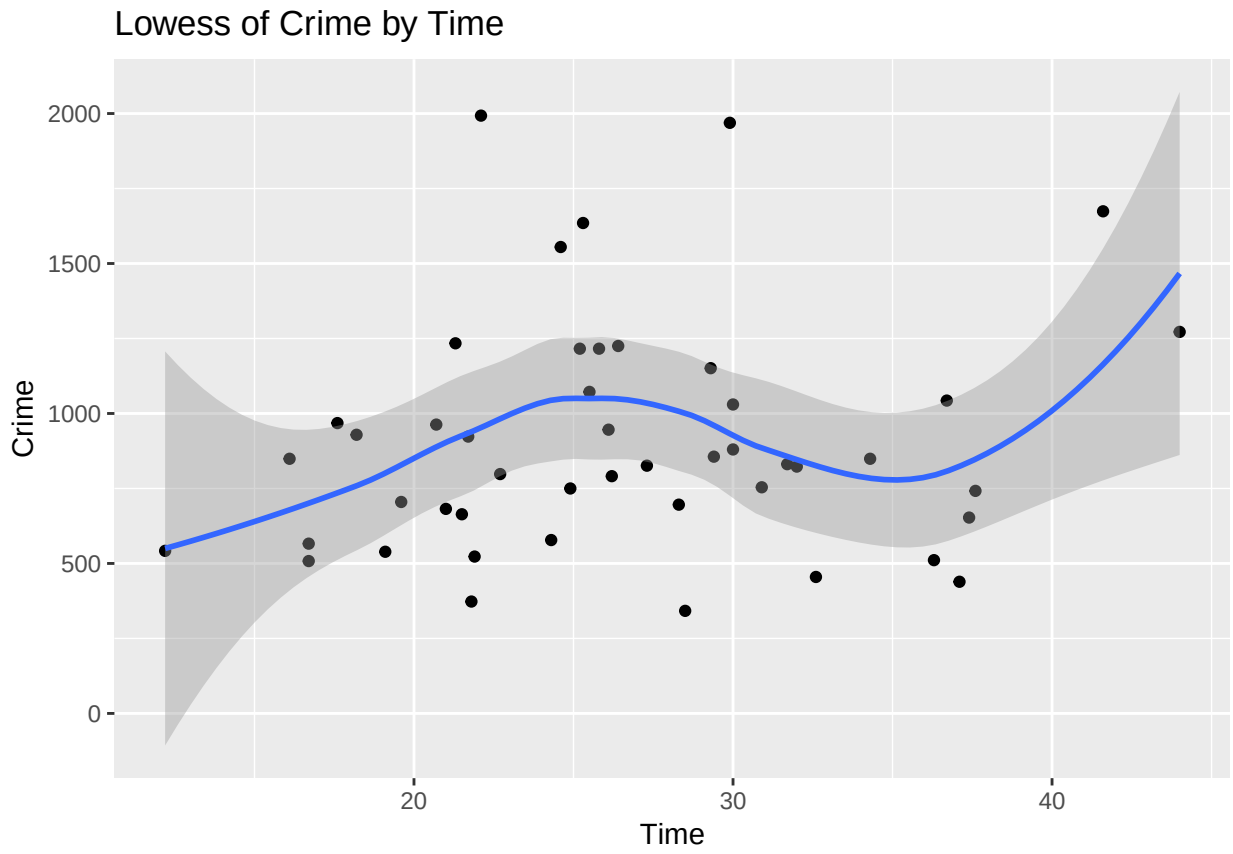
Univariate Lowess Plots

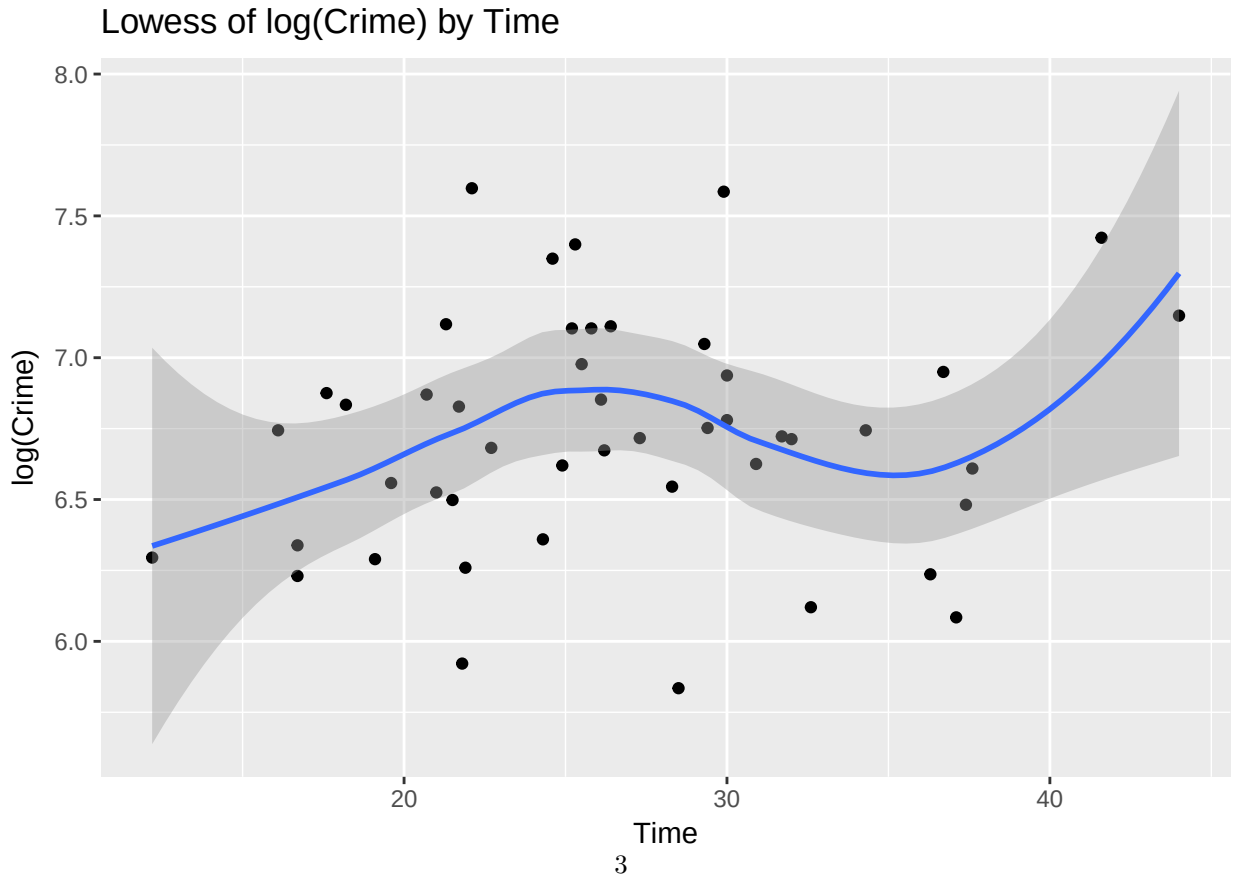
M



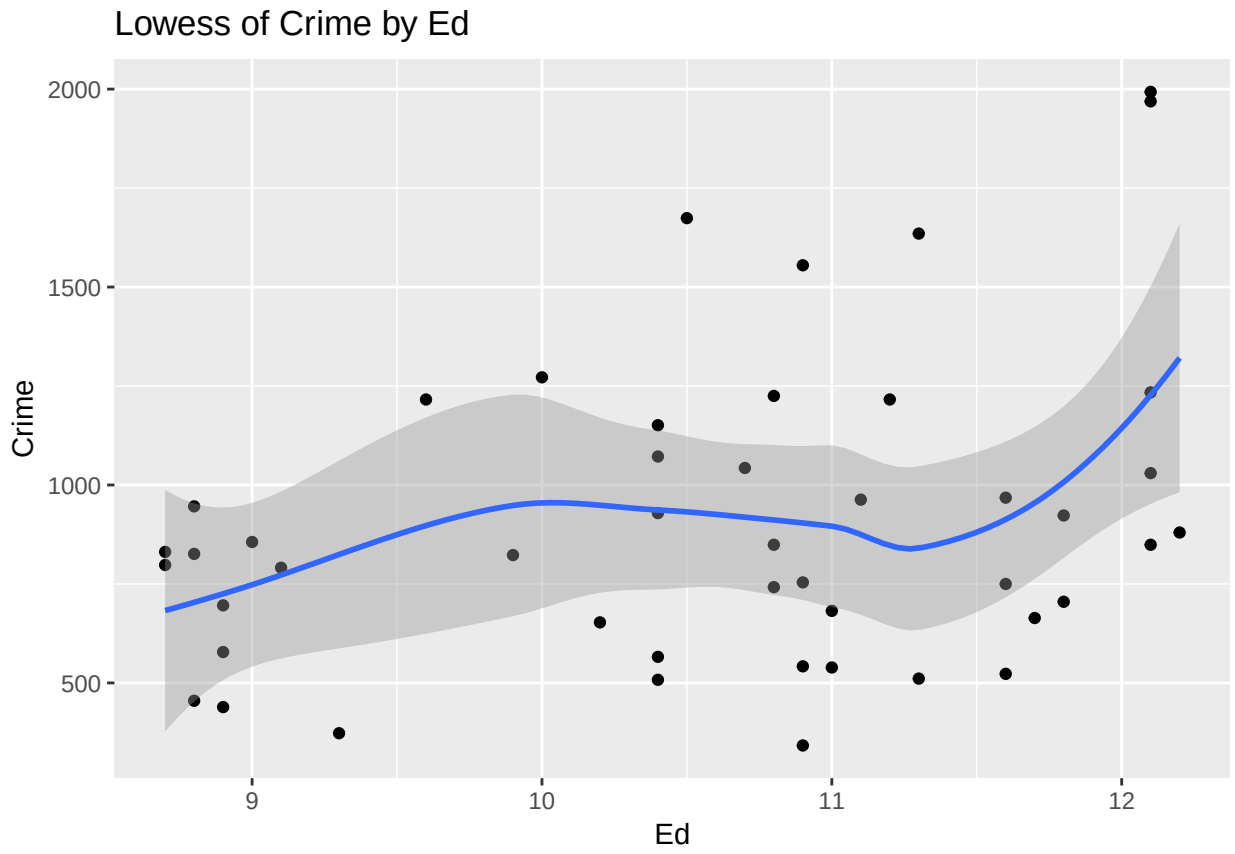


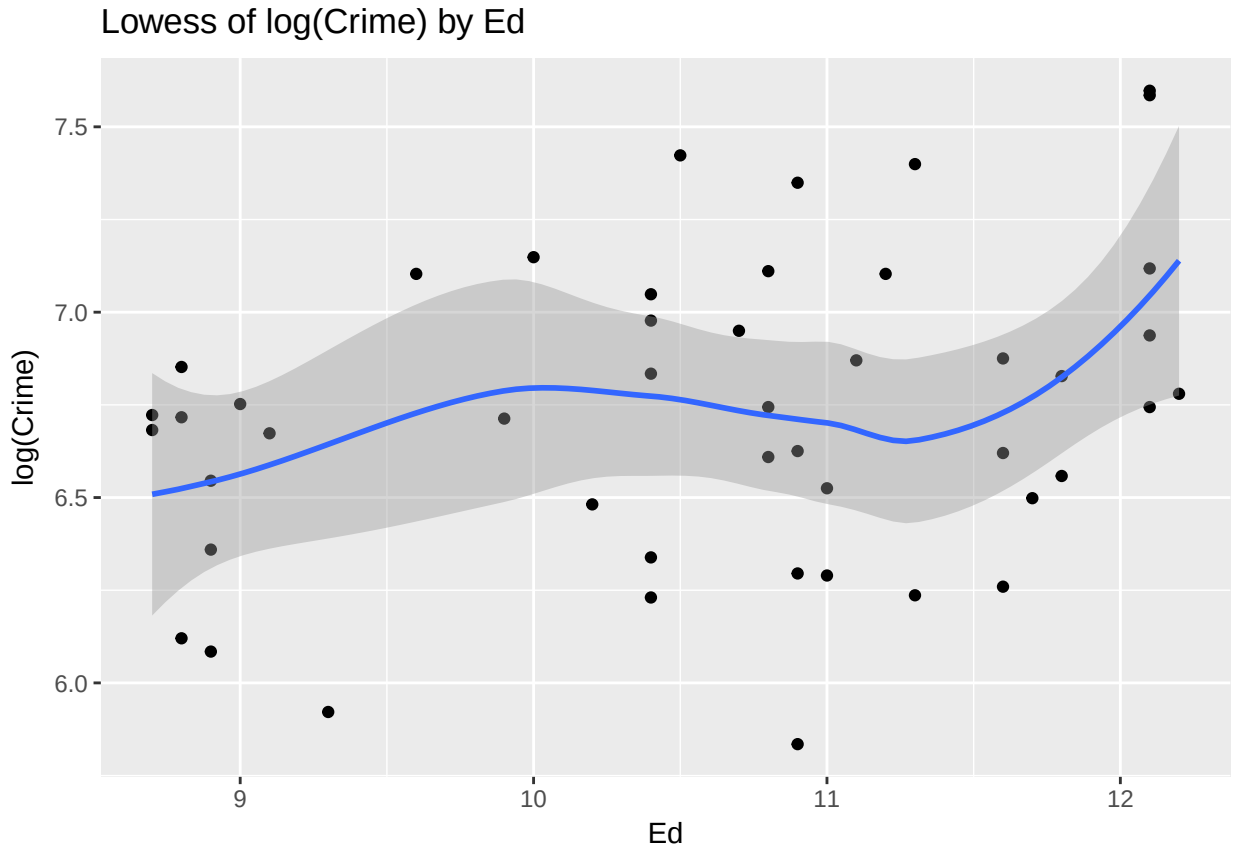
Time


Lowess of Crime by Time
Crime
2000
1500
1000
500
0
20
30
40
Time

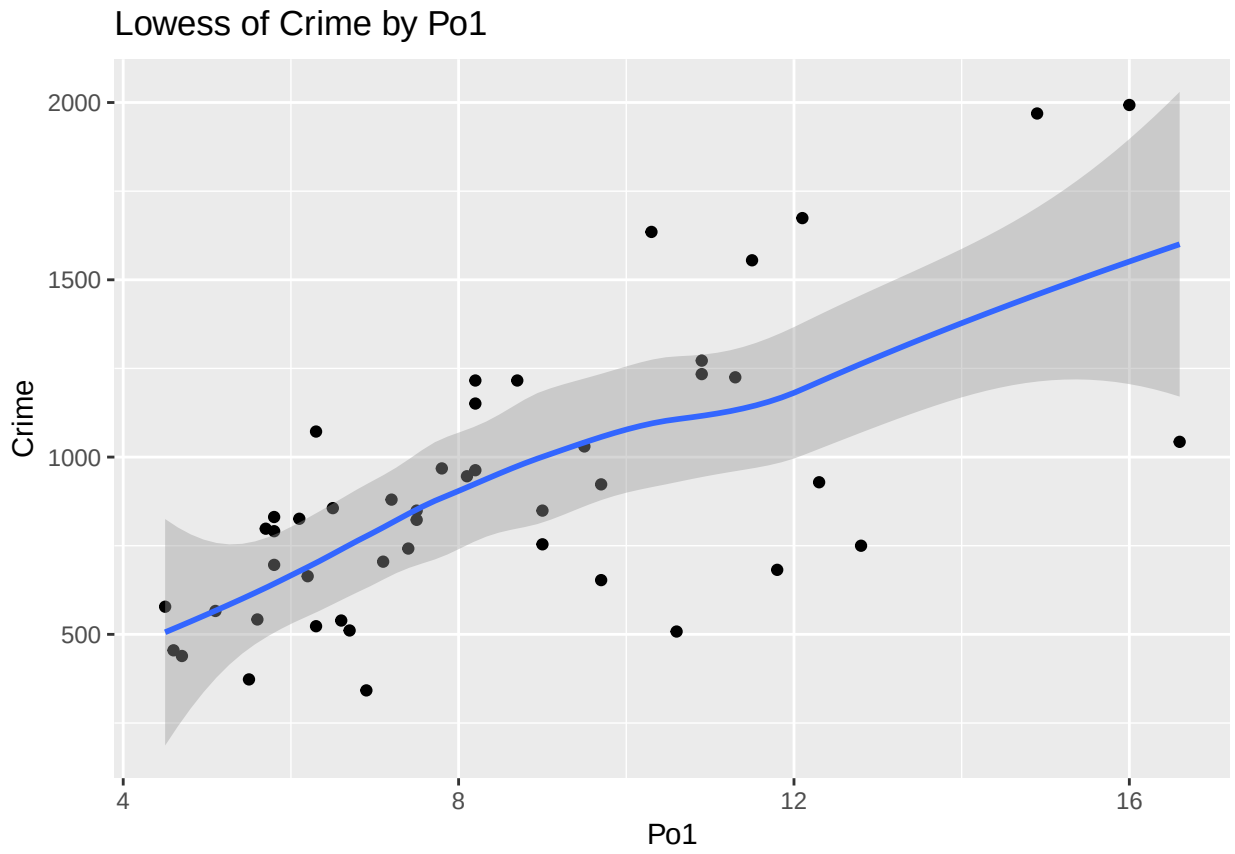

Lowess of log(Crime) by Time
log(Crime)
8.0
7.5
7.0
6.5
6.0
20
30
40
Time

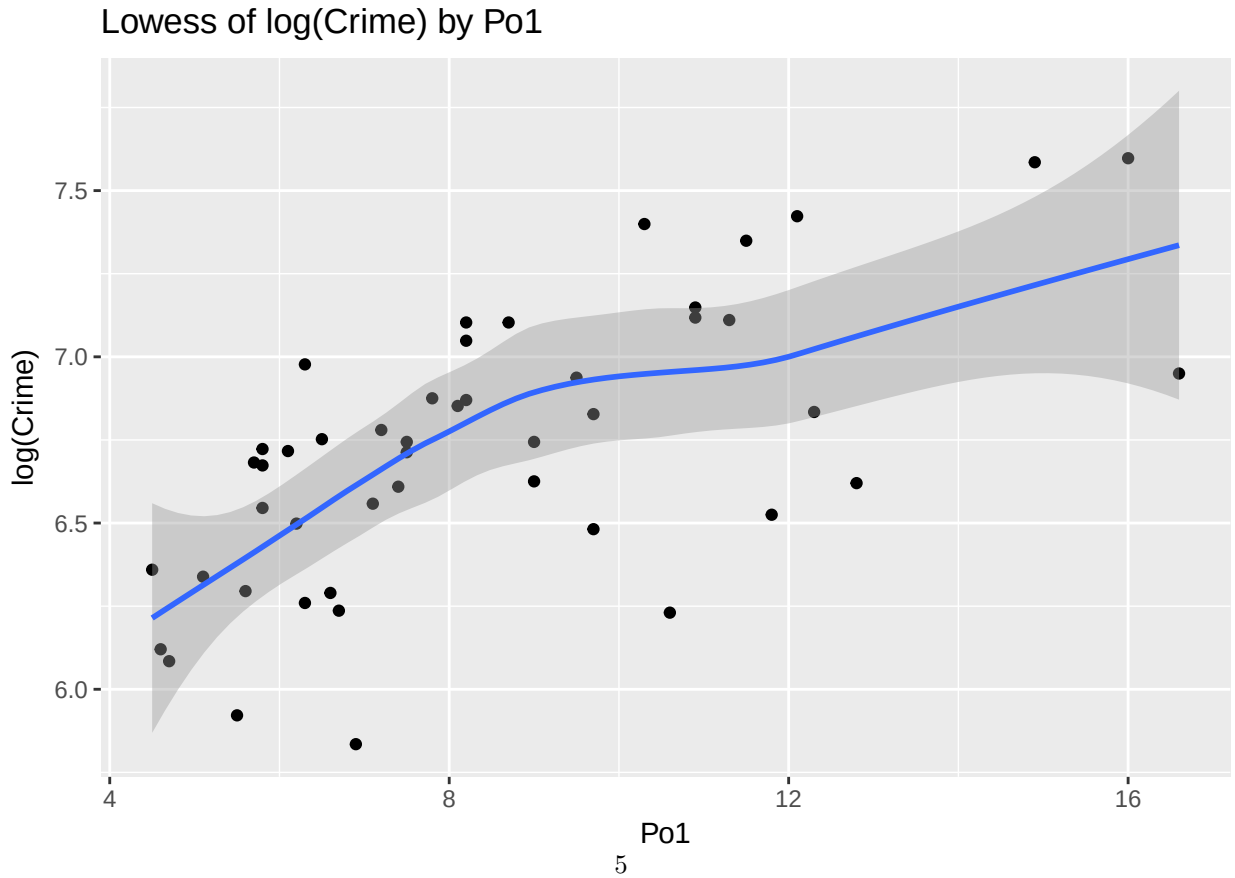
Ed


Lowess of Crime by Ed
Crime
2000
1500
1000
500
9
10
11
12
Ed

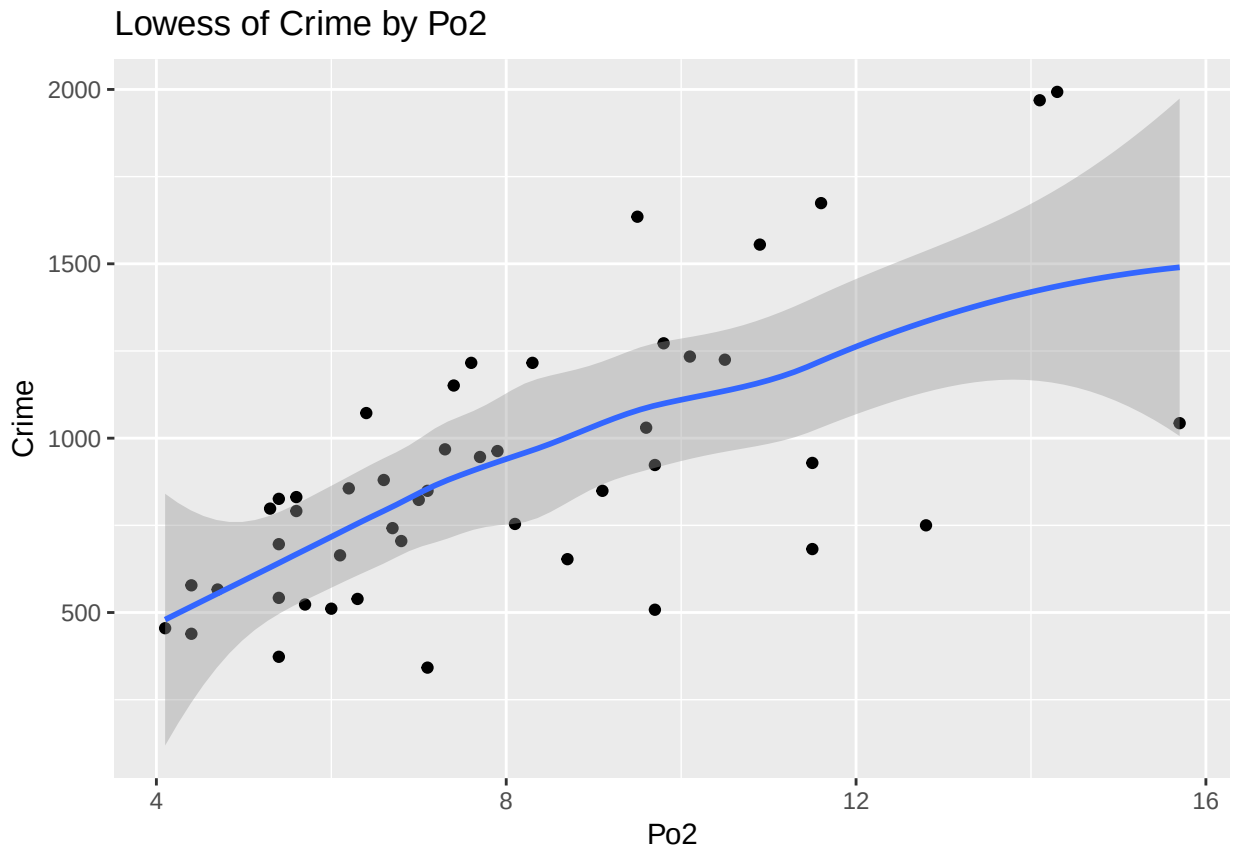

Lowess of log(Crime) by Ed
log(Crime)
7.5
7.0
6.5
6.0
9
10
11
12
Ed

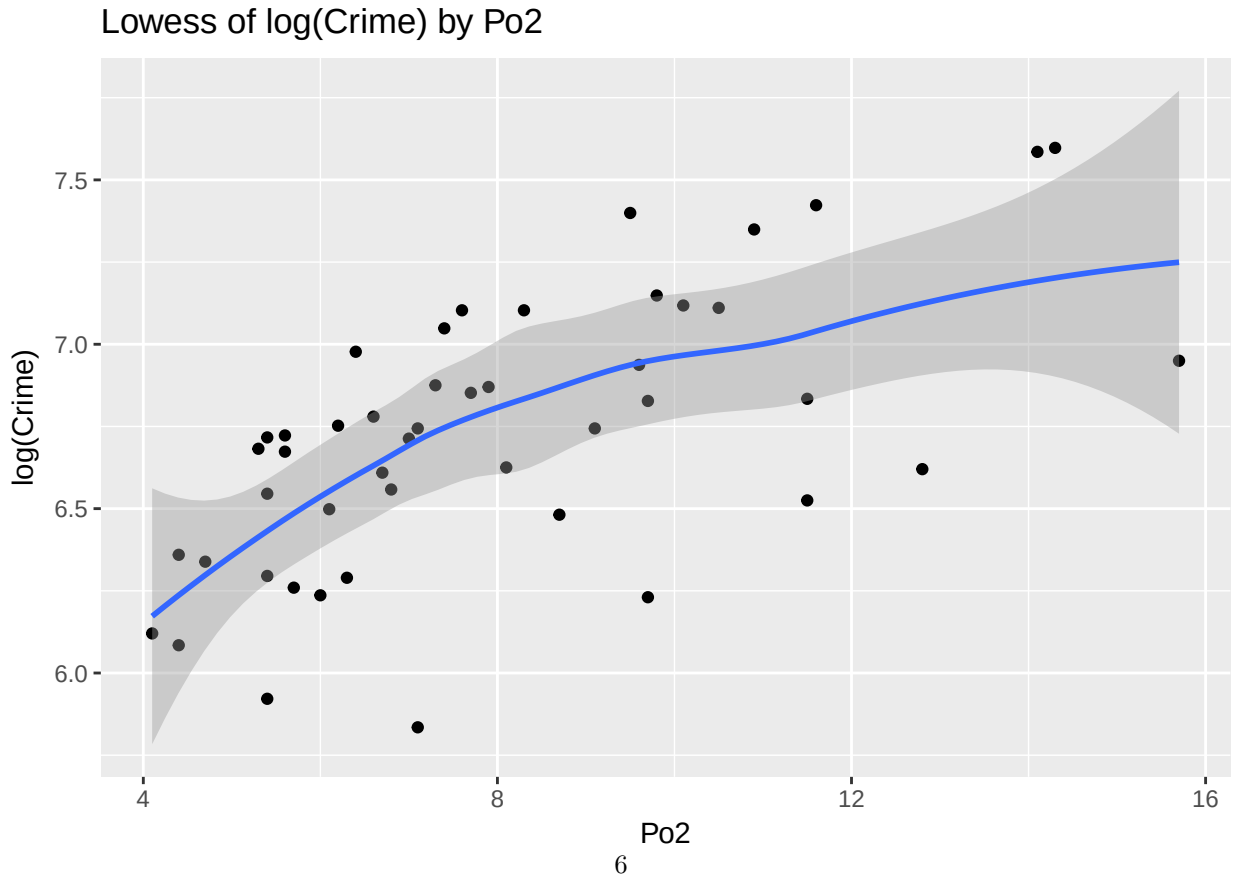
Po1


Lowess of Crime by Po1
Crime
2000
1500
1000
500
4
8
12
16
Po1

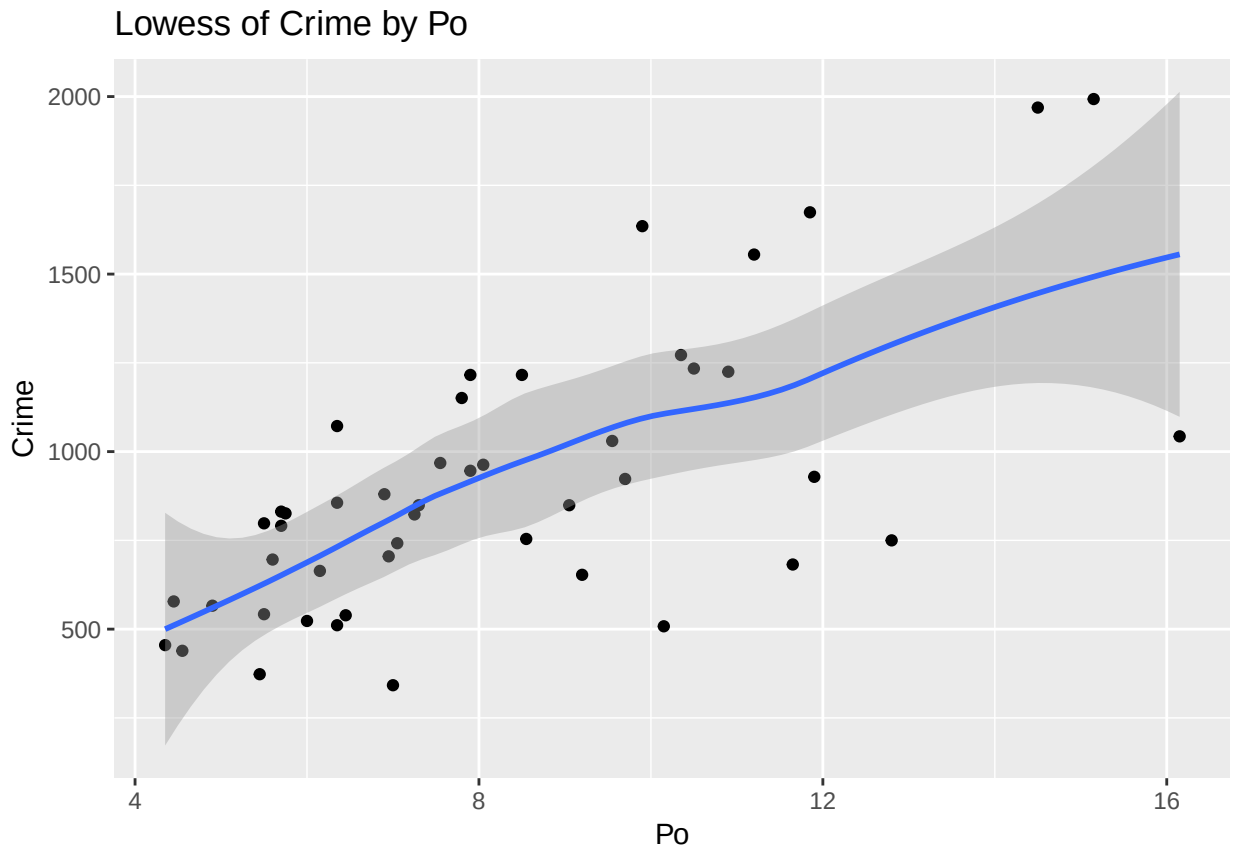

Lowess of log(Crime) by Po1
log(Crime)
7.5
7.0
6.5
6.0
4
8
12
16
Po1

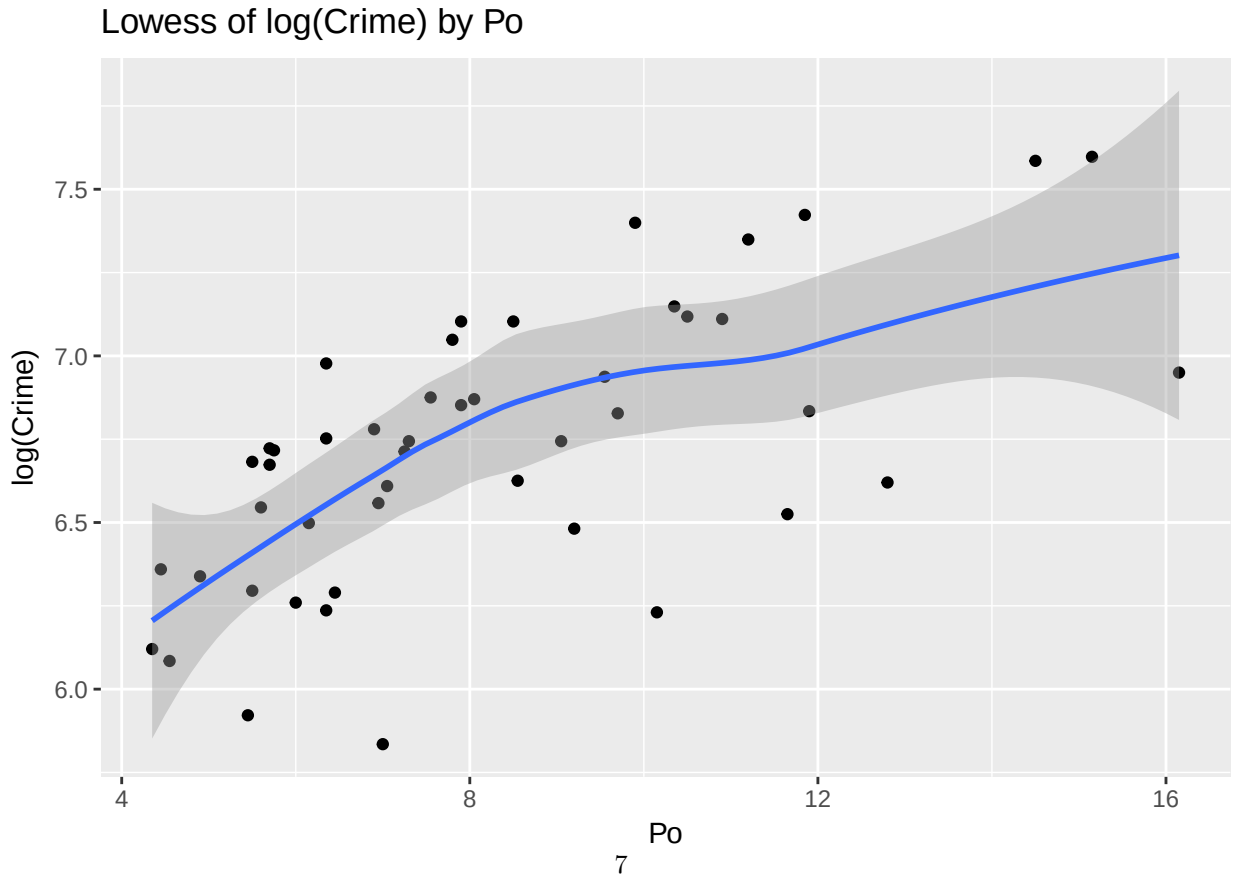
Po2


Lowess of Crime by Po2
Crime
2000
1500
1000
500
4
8
12
16
Po2

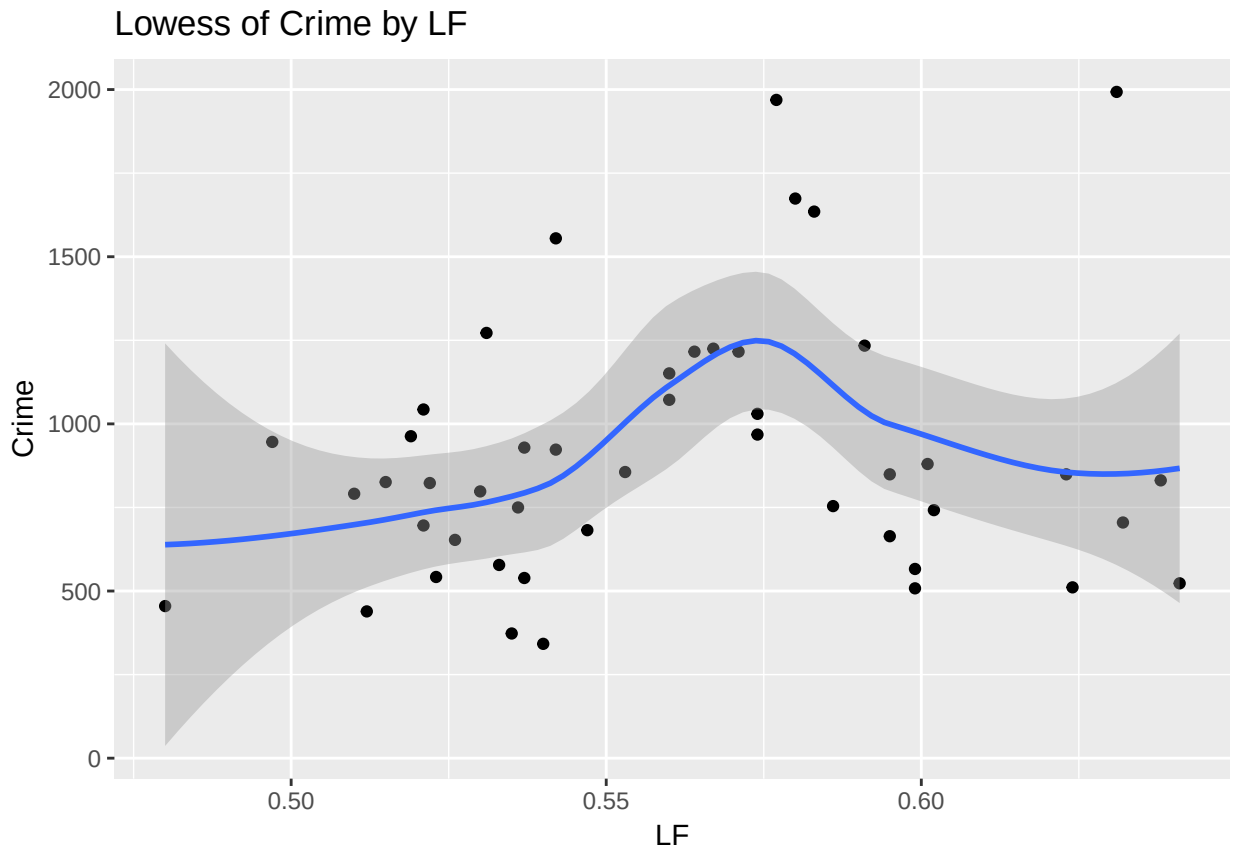

Lowess of log(Crime) by Po2
log(Crime)
7.5
7.0
6.5
6.0
4
8
12
16
Po2

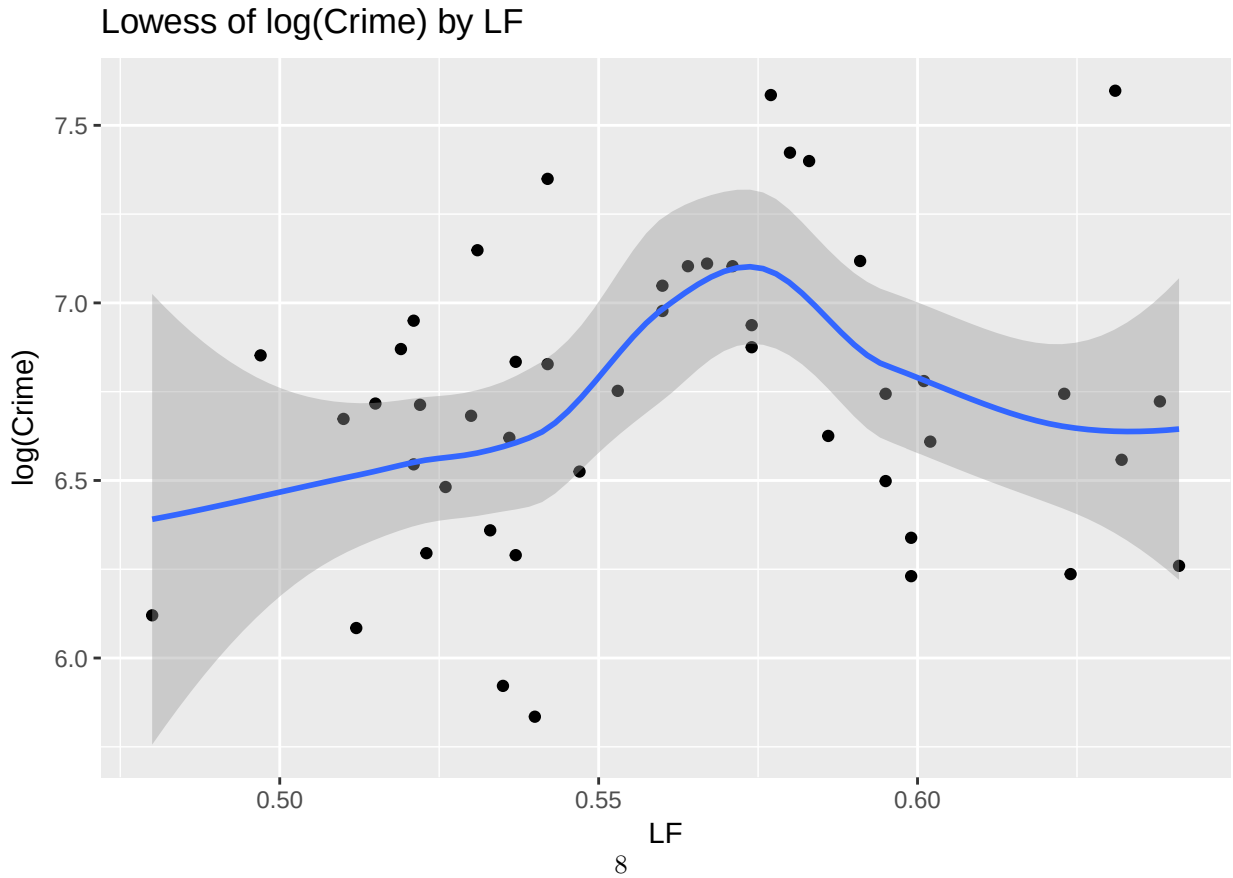
Po


Lowess of Crime by Po
Crime
2000
1500
1000
500
4
8
12
16
Po

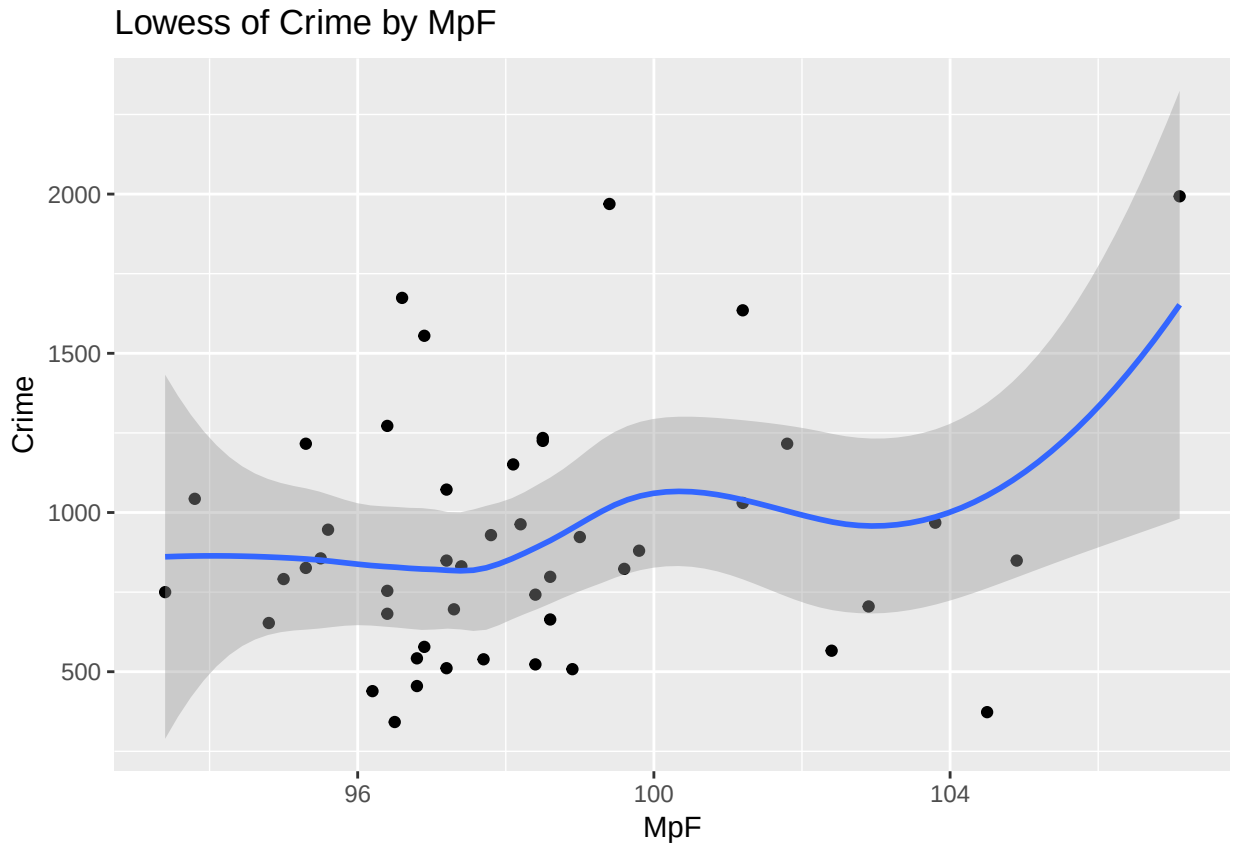

Lowess of log(Crime) by Po
log(Crime)
7.5
7.0
6.5
6.0
4
8
12
16
Po

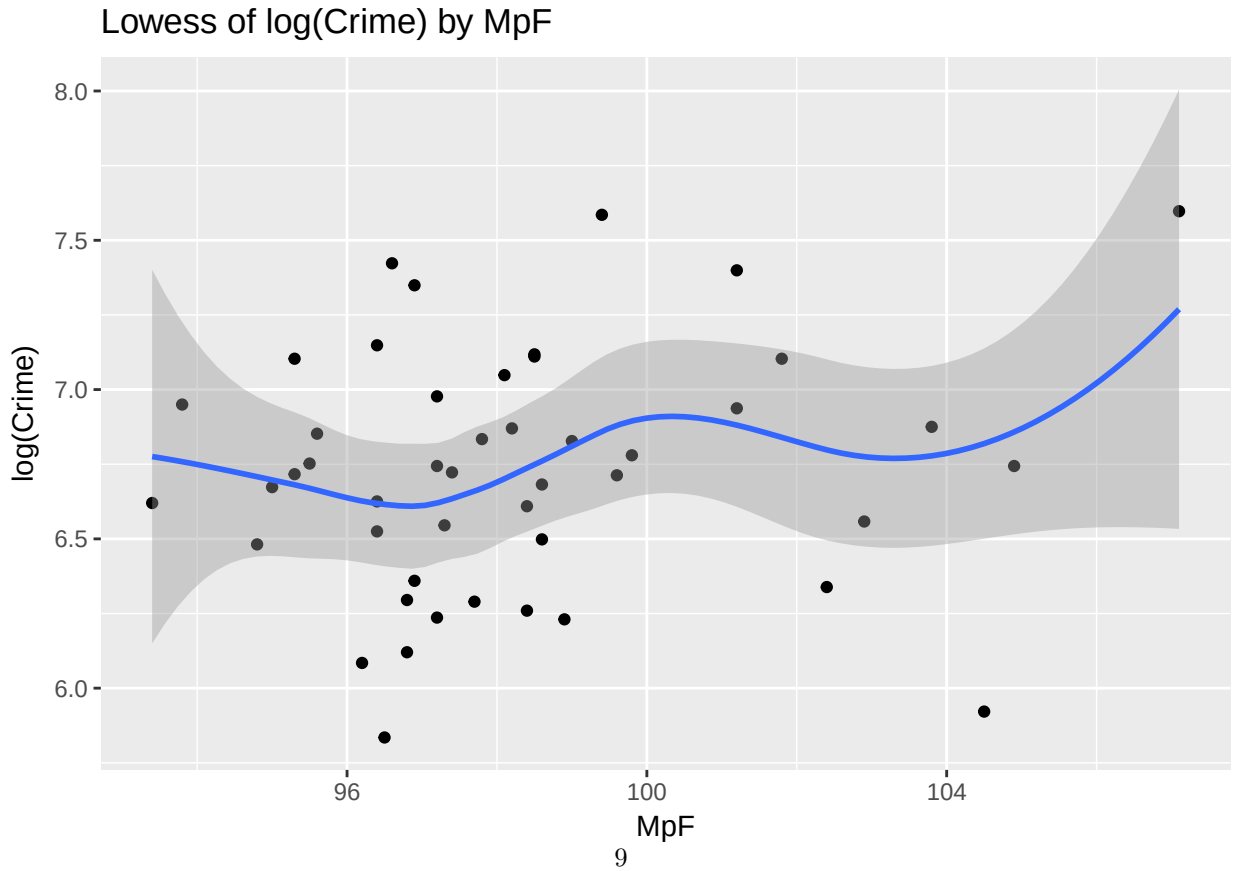
LF


Lowess of Crime by LF
Crime
2000
1500
1000
500
0
0.50
0.55
0.60
LF

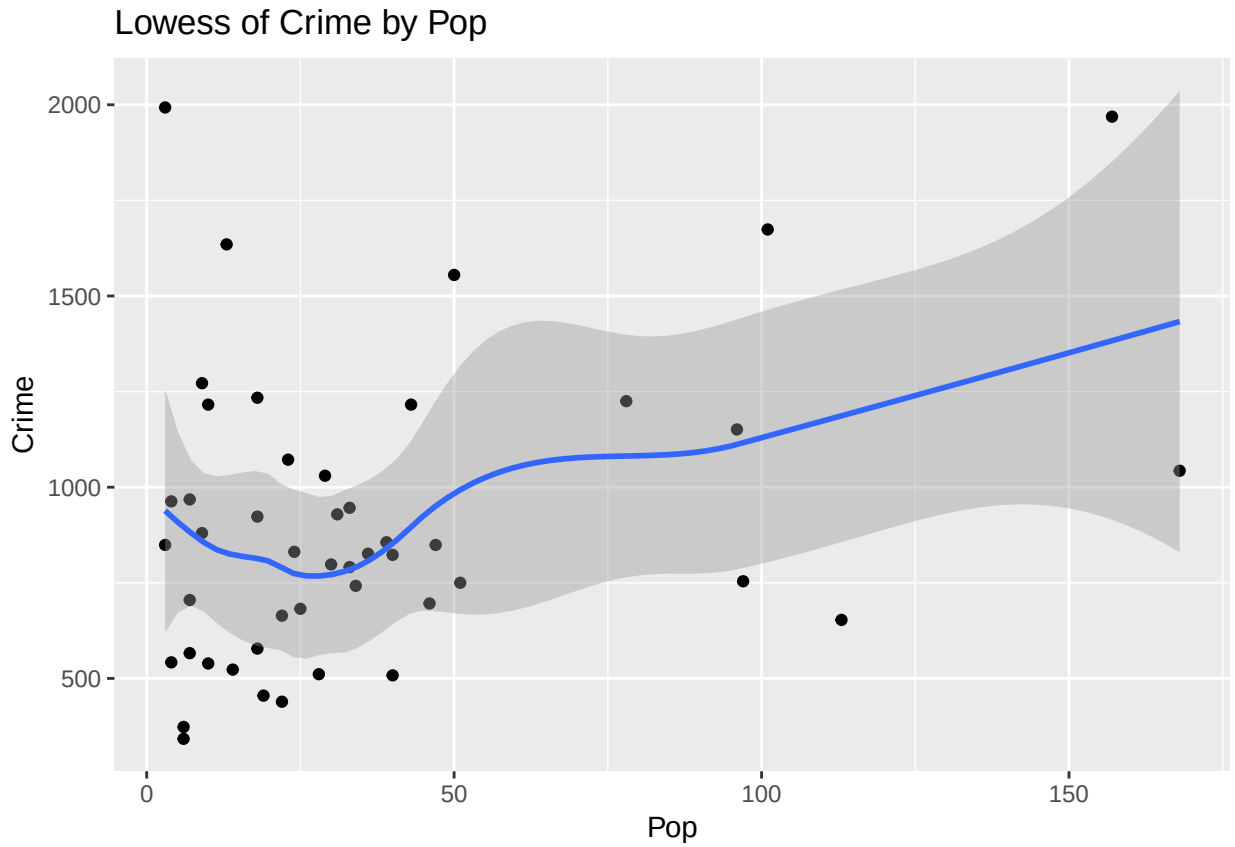

Lowess of log(Crime) by LF
log(Crime)
7.5
7.0
6.5
6.0
0.50
0.55
0.60
LF

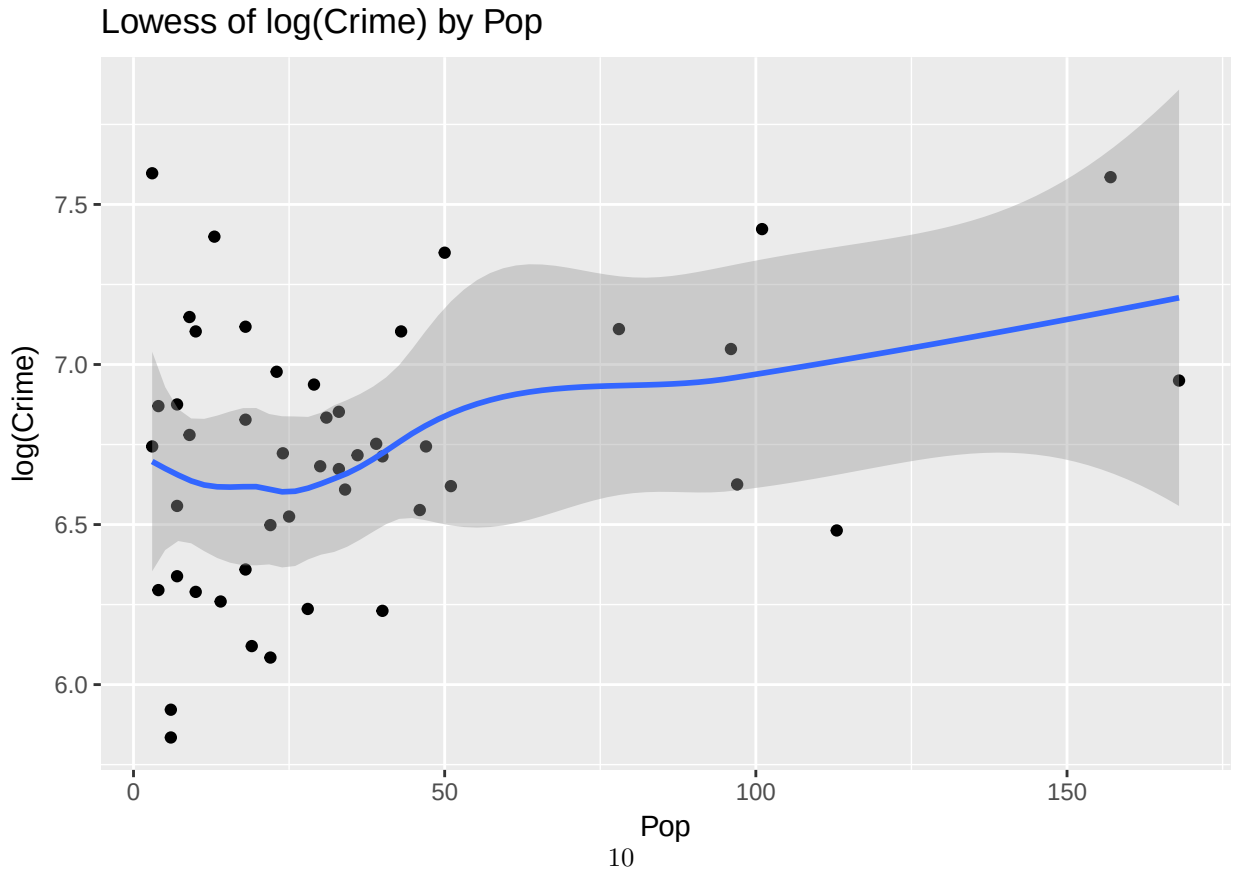
MpF


Lowess of Crime by MpF
Crime
2000
1500
1000
500
96
100
104
MpF

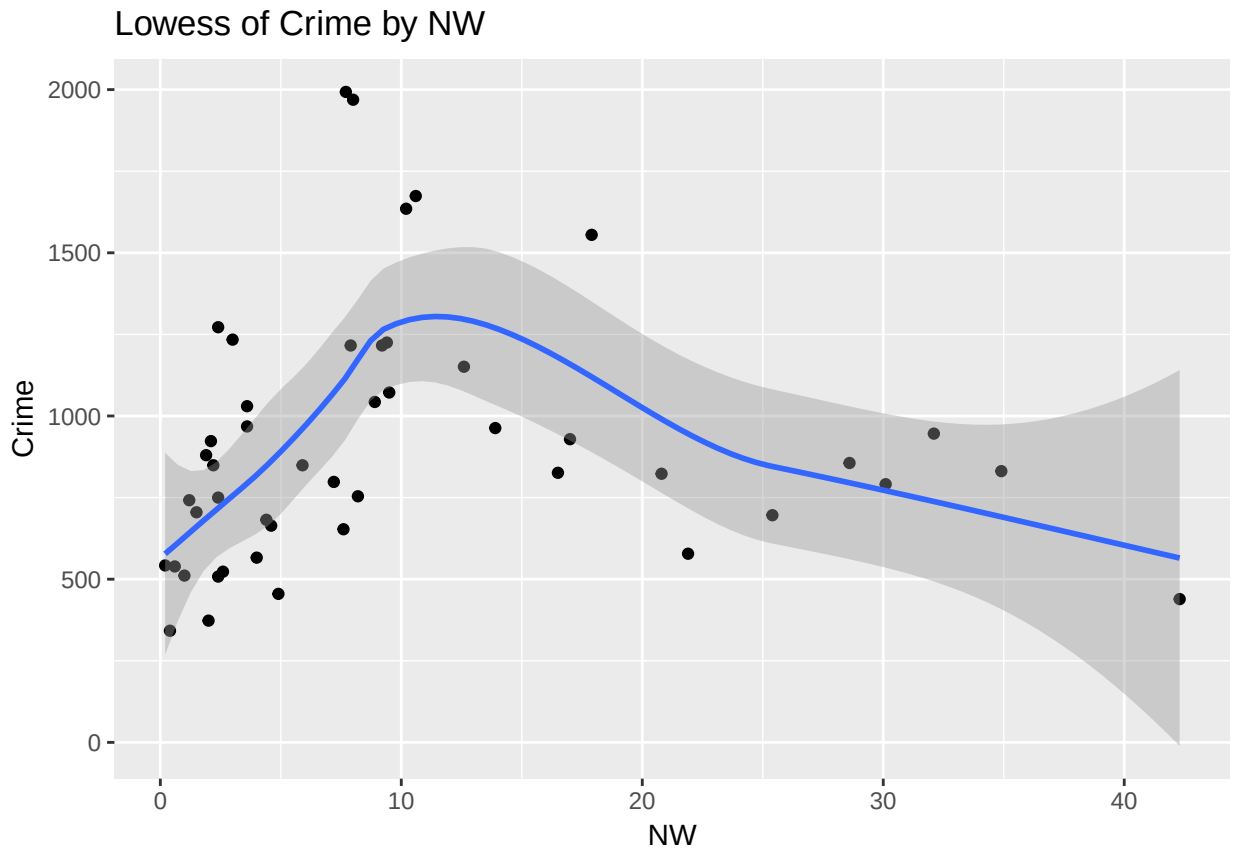

Lowess of log(Crime) by MpF
log(Crime)
8.0
7.5
7.0
6.5
6.0
96
100
104
MpF

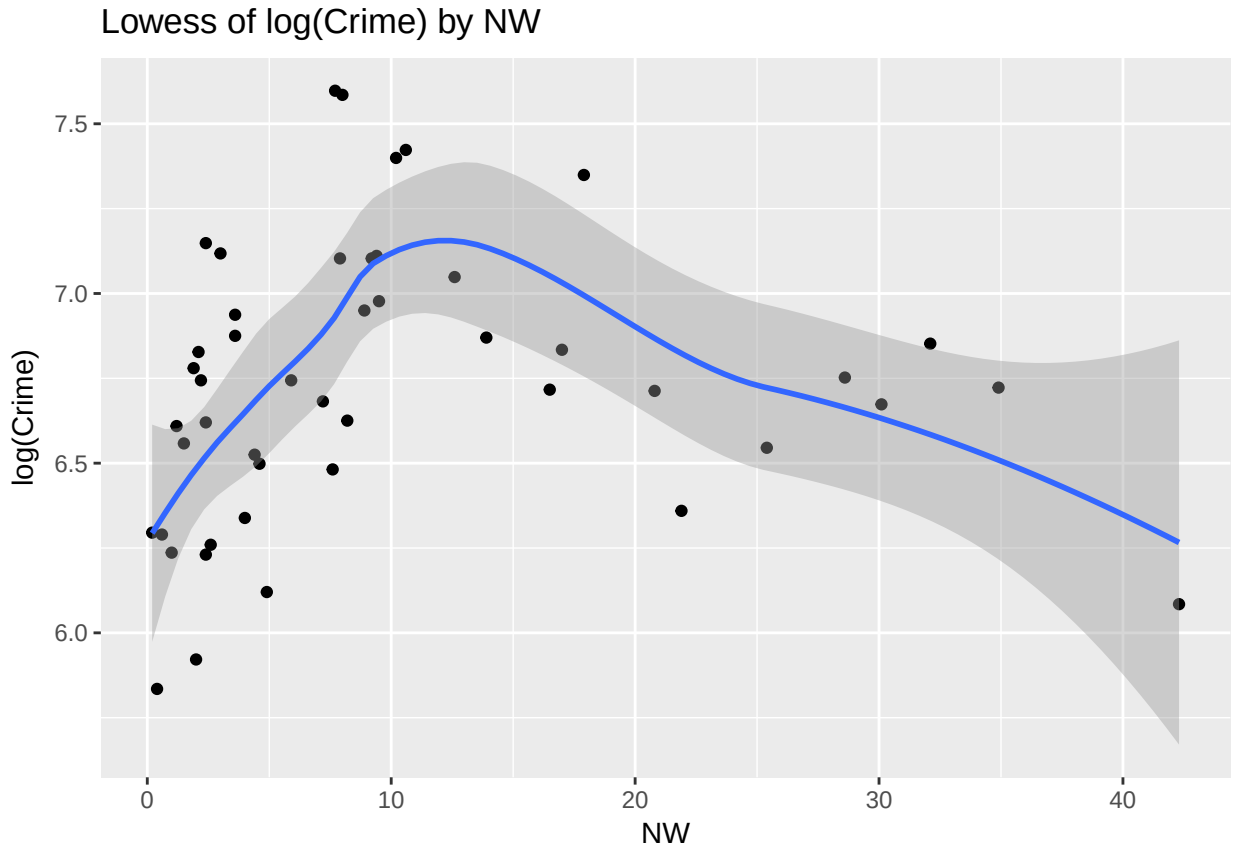
Pop


Lowess of Crime by Pop
Crime
2000
1500
1000
500
0
50
100
150
Pop

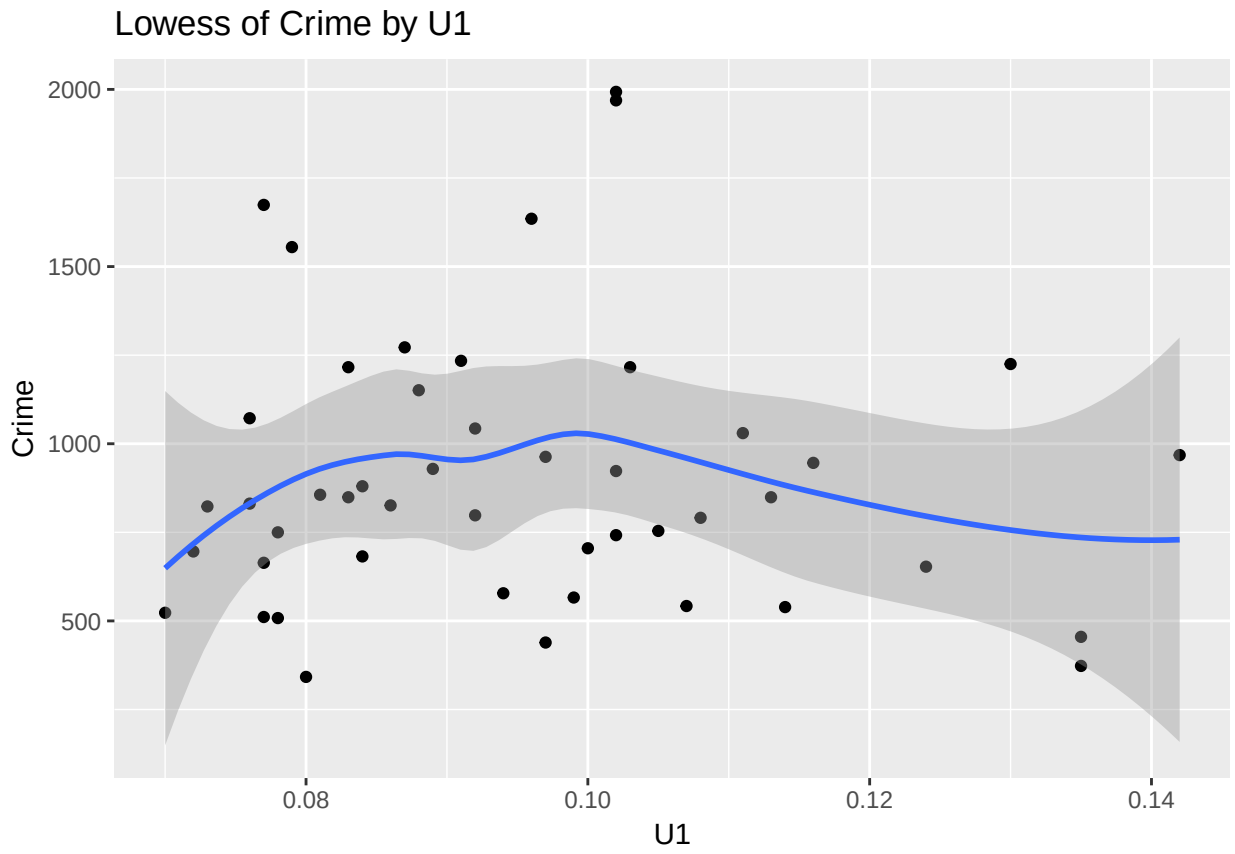

Lowess of log(Crime) by Pop
log(Crime)
7.5
7.0
6.5
6.0
0
50
100
150
Pop

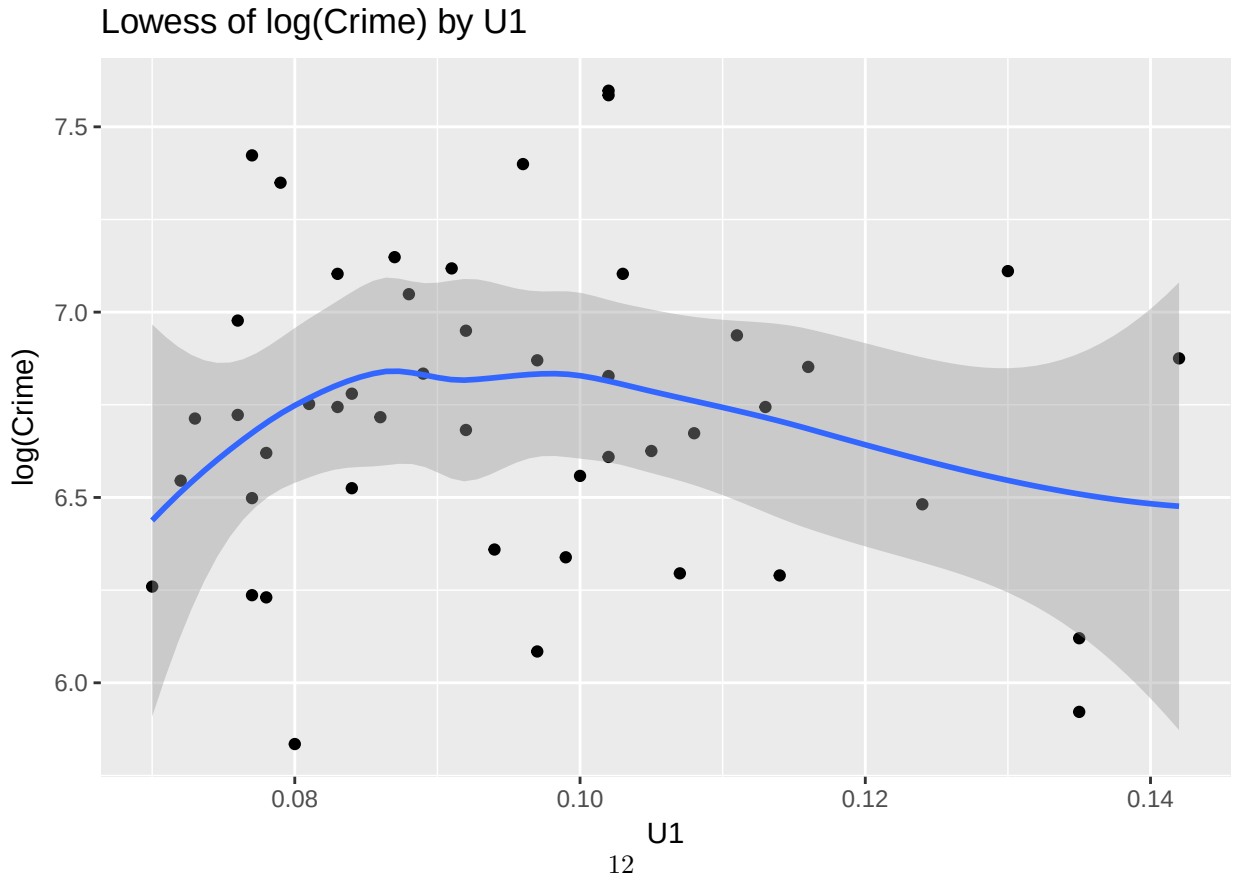
NW


Lowess of Crime by NW
Crime
NW
2000
1500
1000
500
0
0
10
20
30
40

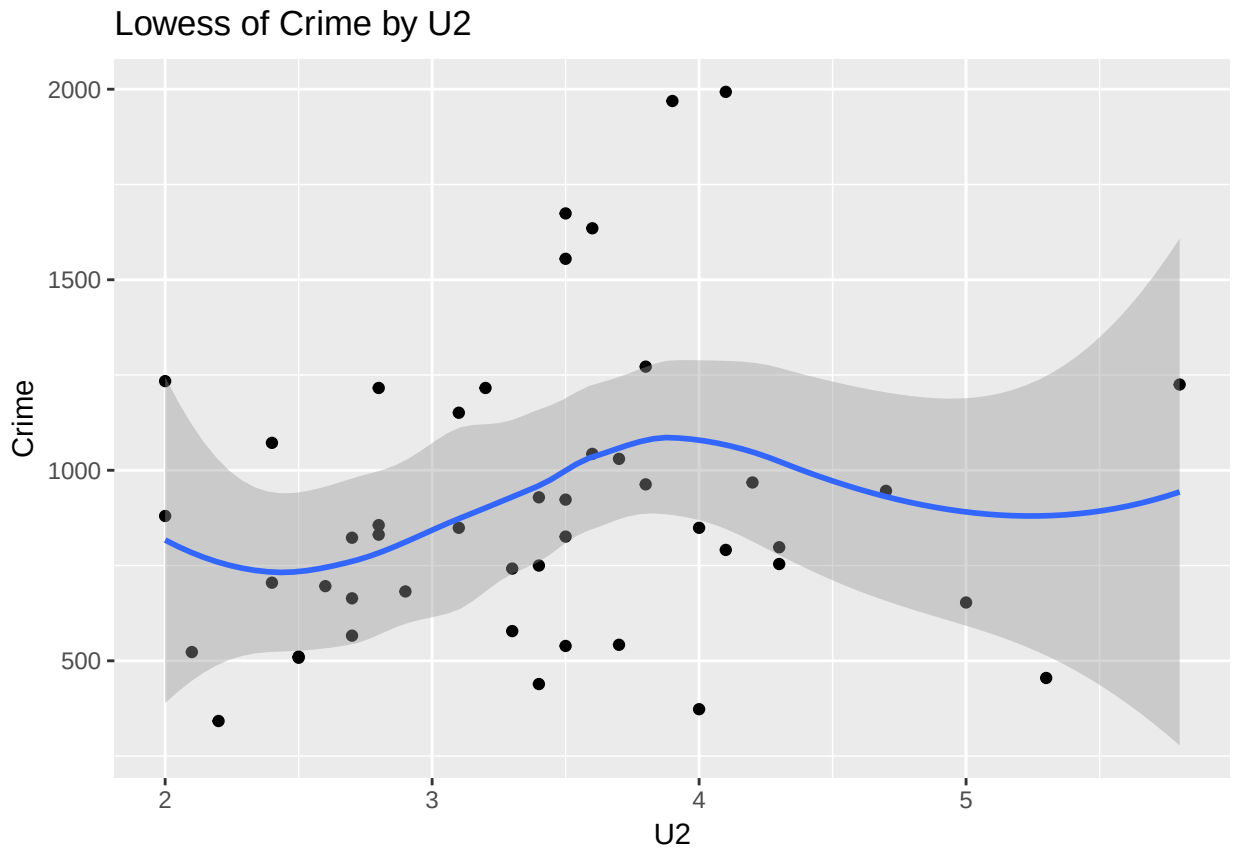

Lowess of log(Crime) by NW
log(Crime)
NW
7.5
7.0
6.5
6.0
0
10
20
30
40

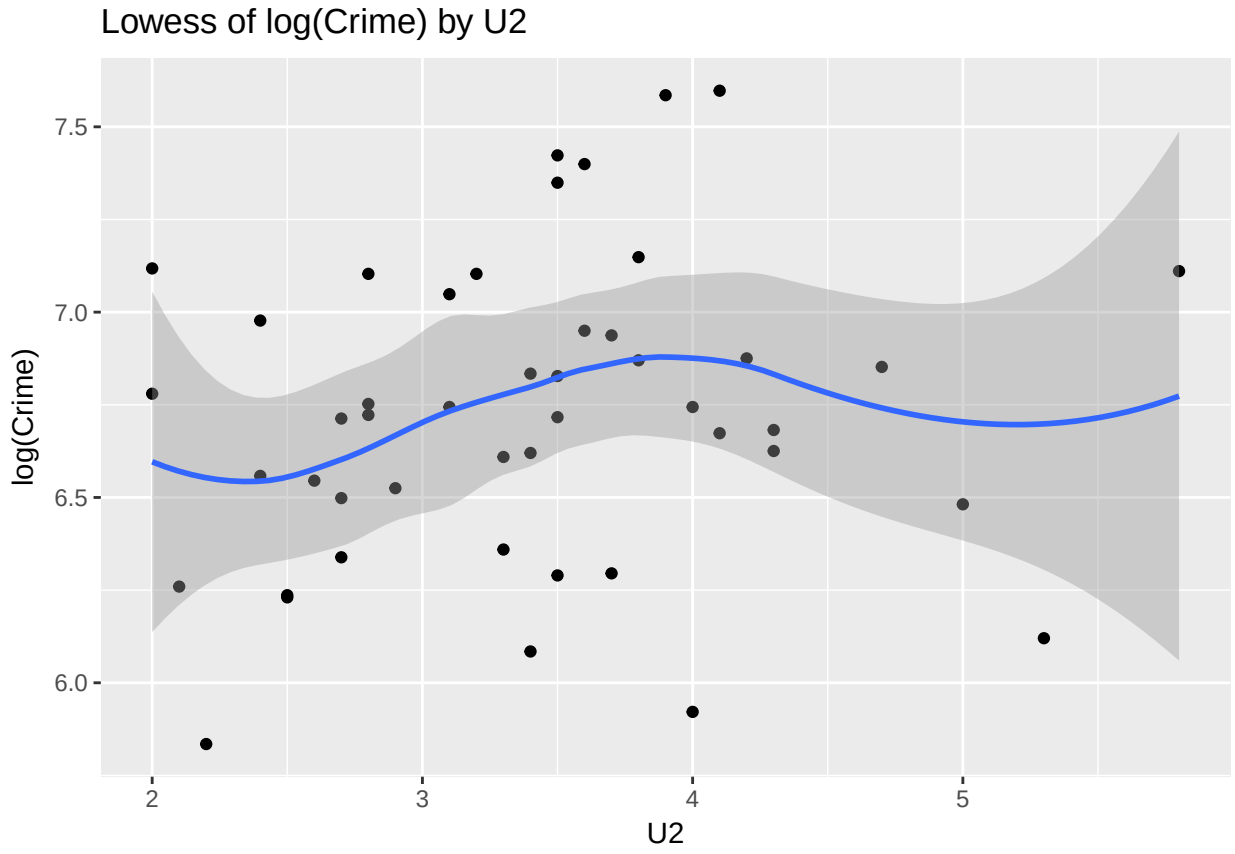
U1


Lowess of Crime by U1
Crime
2000
1500
1000
500
0.08
0.10
0.12
0.14
U1

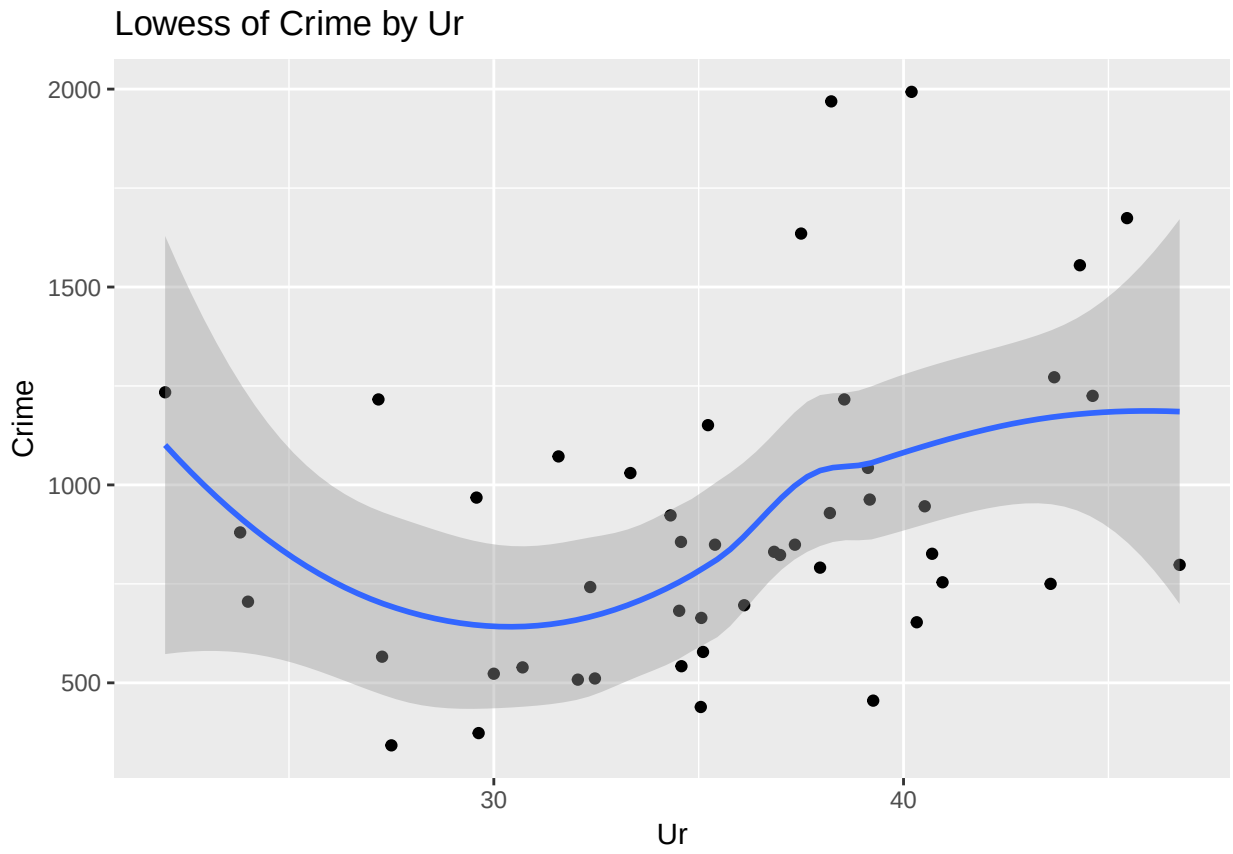

Lowess of log(Crime) by U1
log(Crime)
7.5
7.0
6.5
6.0
0.08
0.10
0.12
0.14
U1

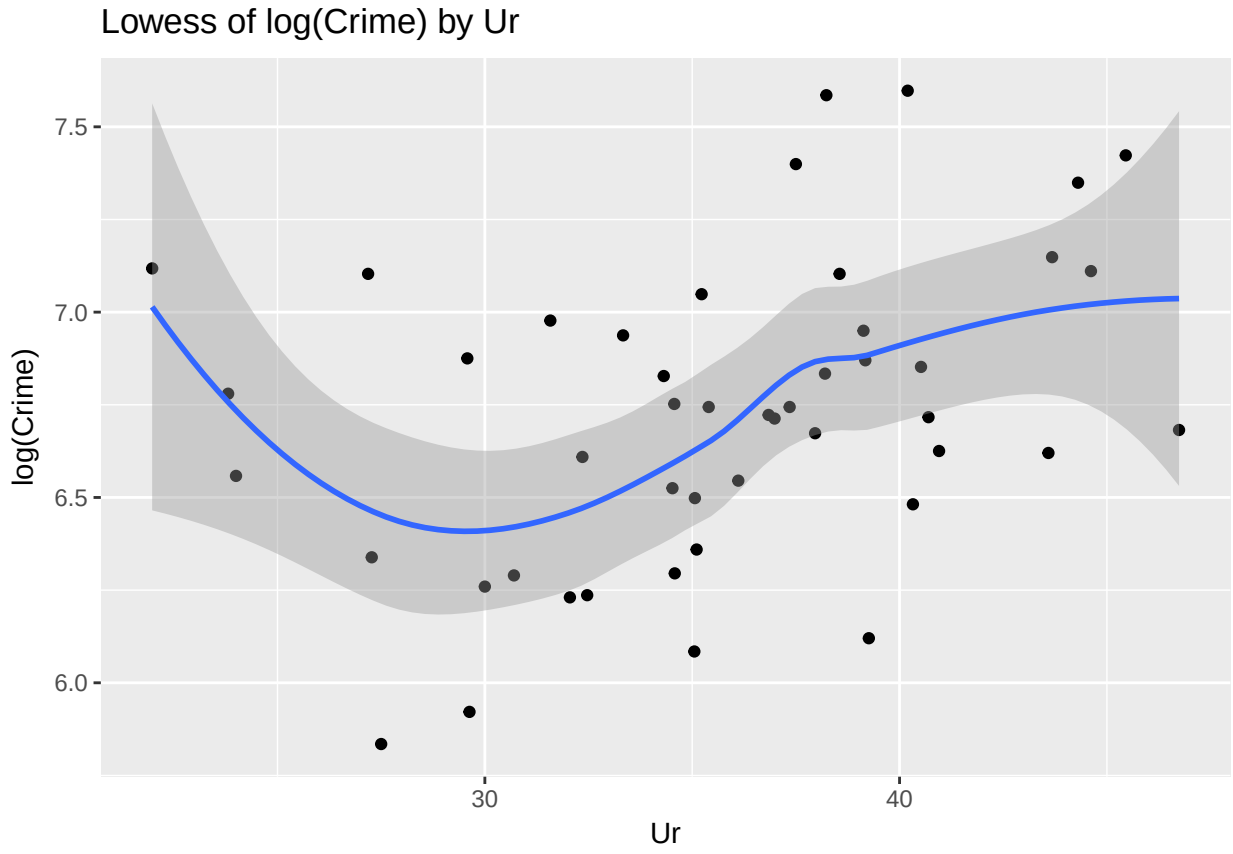
U2


Lowess of Crime by U2
Crime
2000
1500
1000
500
2
3
4
5
U2

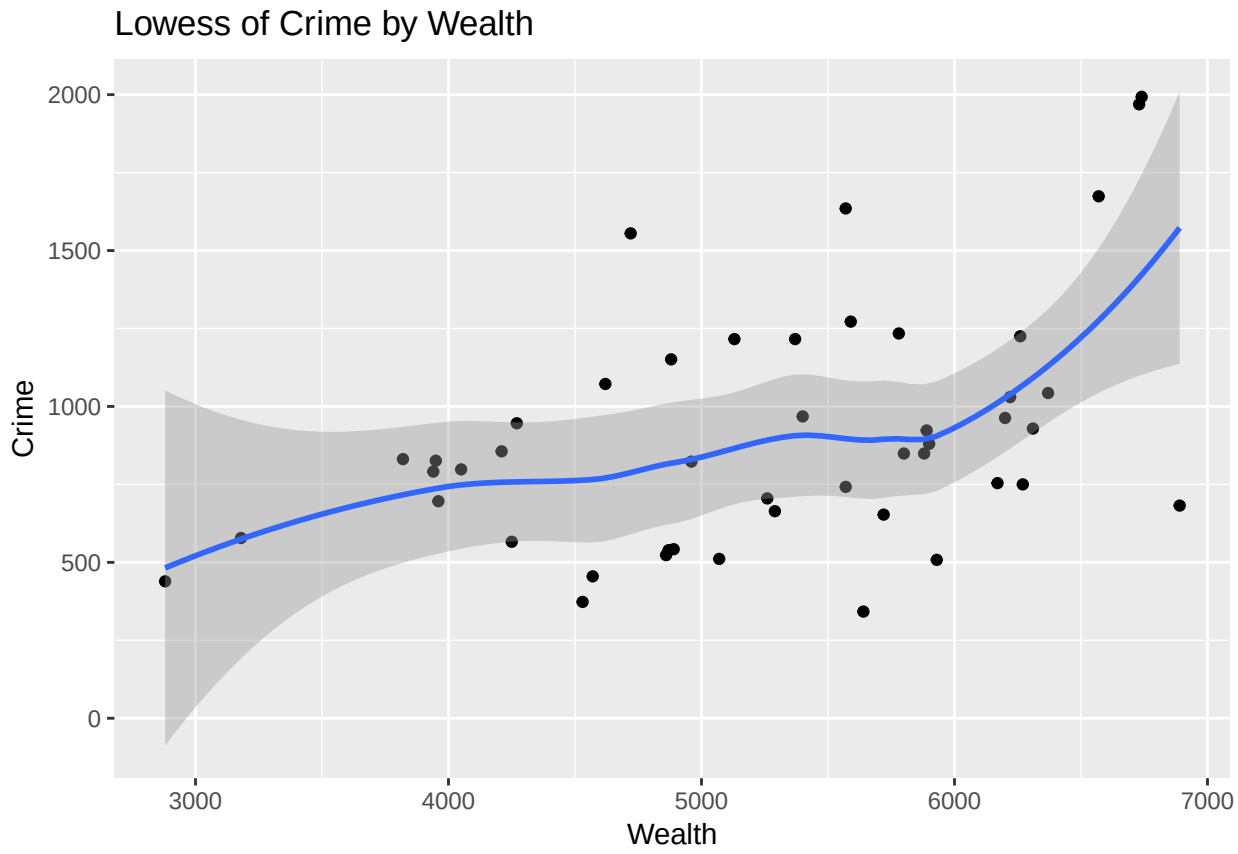

Lowess of log(Crime) by U2
log(Crime)
7.5
7.0
6.5
6.0
2
3
4
5
U2

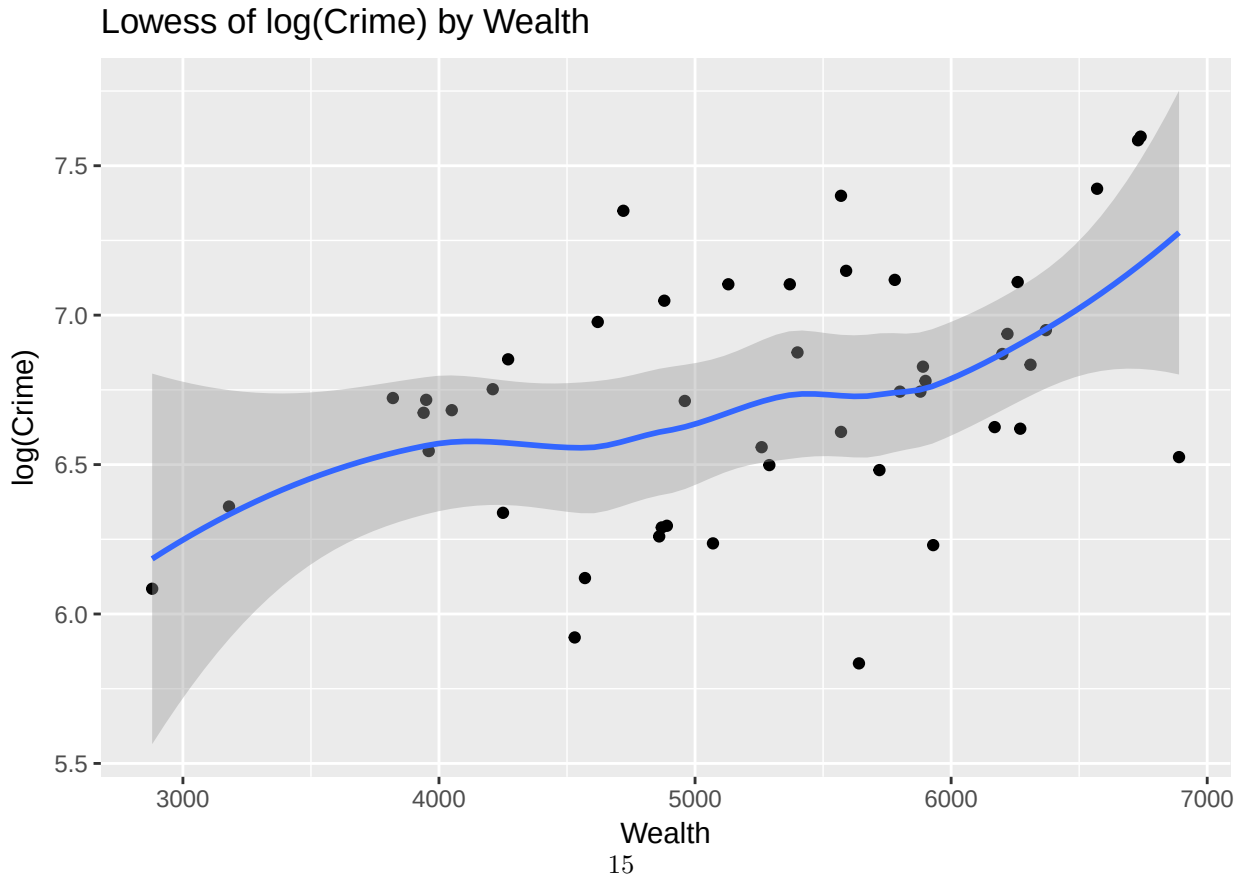
Ur


Lowess of Crime by Ur
2000
1500
1000
500
Crime
30
40
Ur

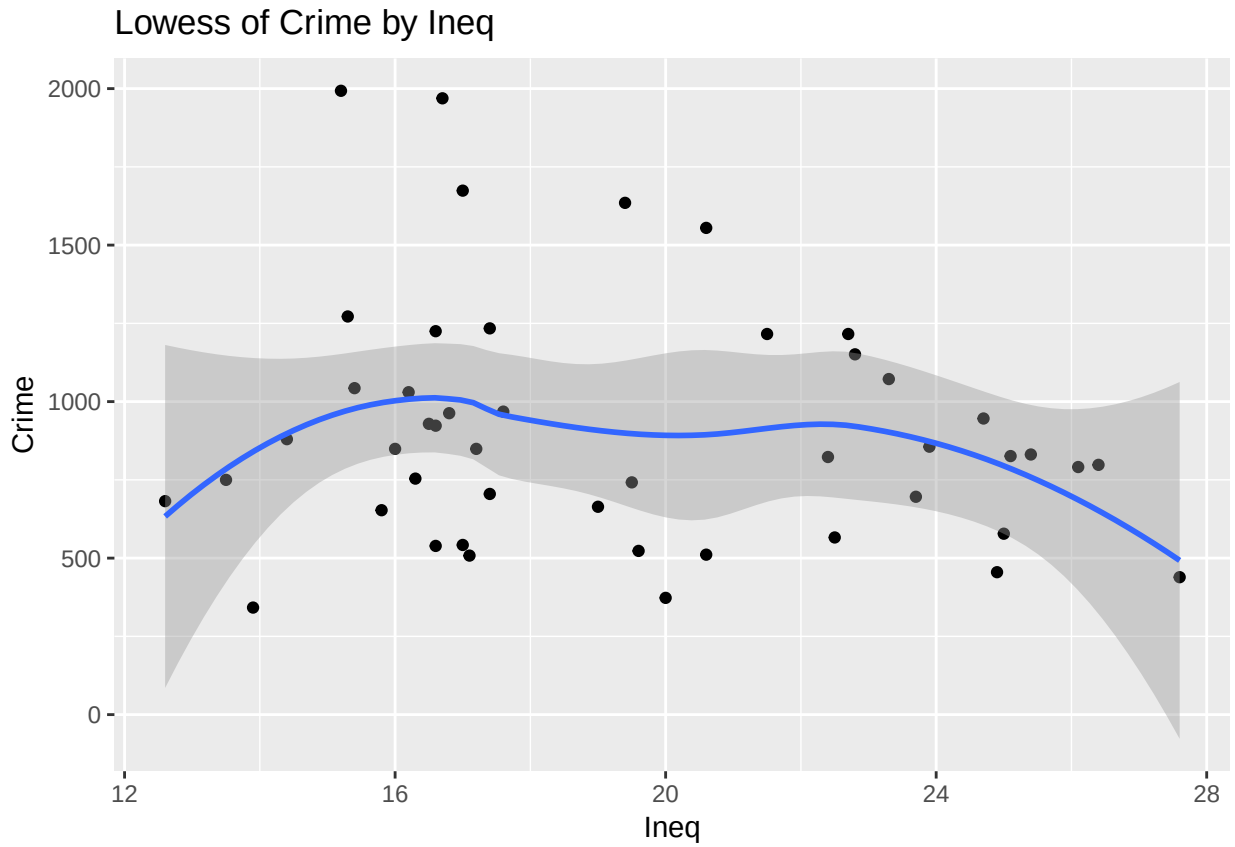

Lowess of log(Crime) by Ur
7.5
7.0
6.5
6.0
log(Crime)
30
40
Ur

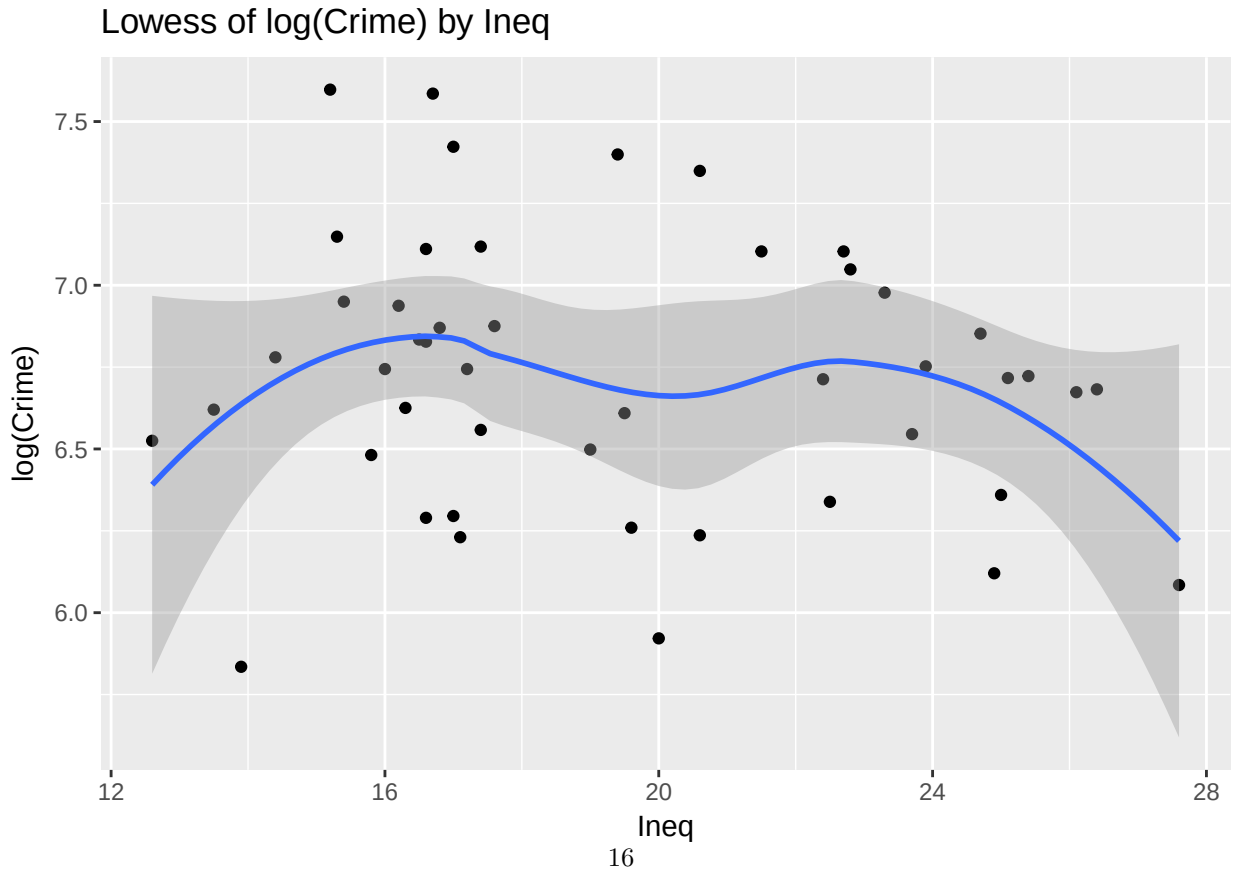
Wealth


Lowess of Crime by Wealth
Crime
2000
1500
1000
500
0
3000
4000
5000
6000
7000
Wealth

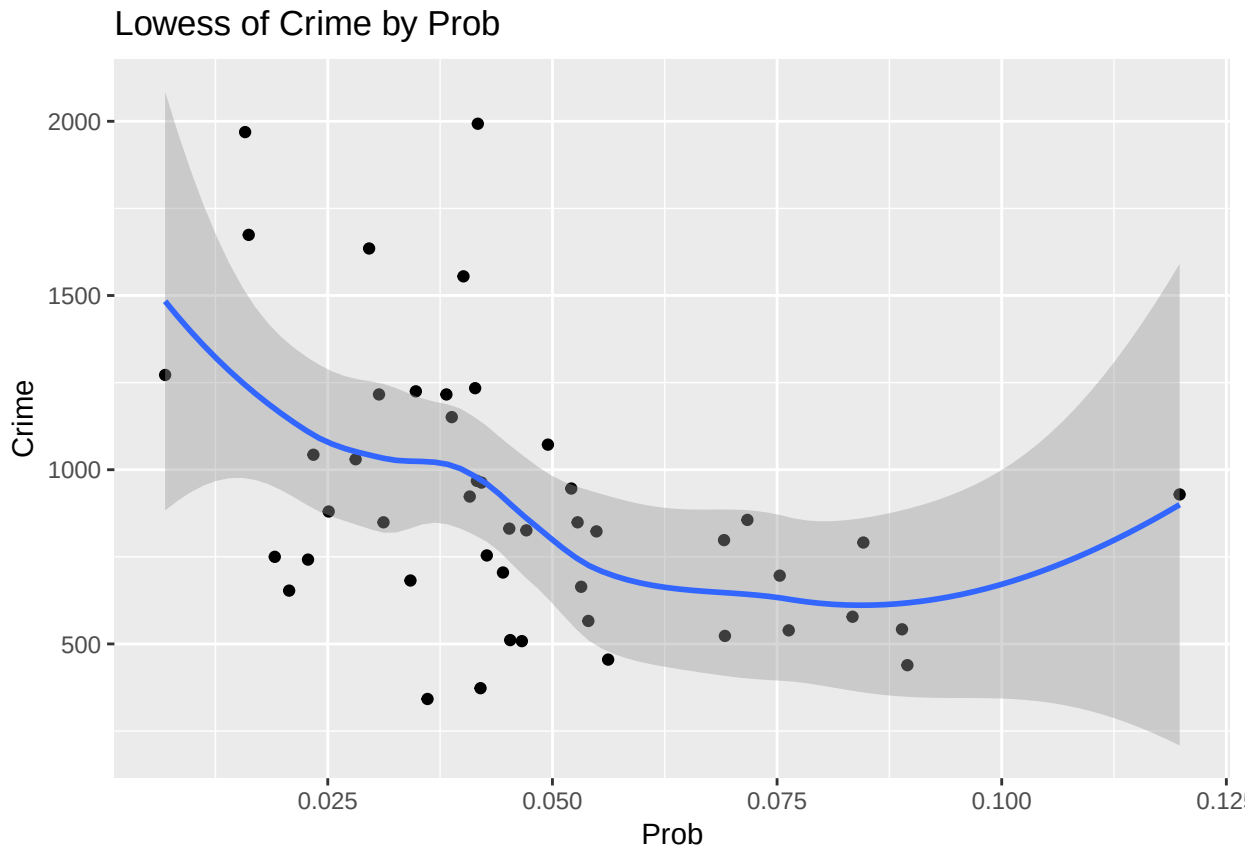

Lowess of log(Crime) by Wealth
log(Crime)
7.5
7.0
6.5
6.0
5.5
3000
4000
5000
6000
7000
Wealth

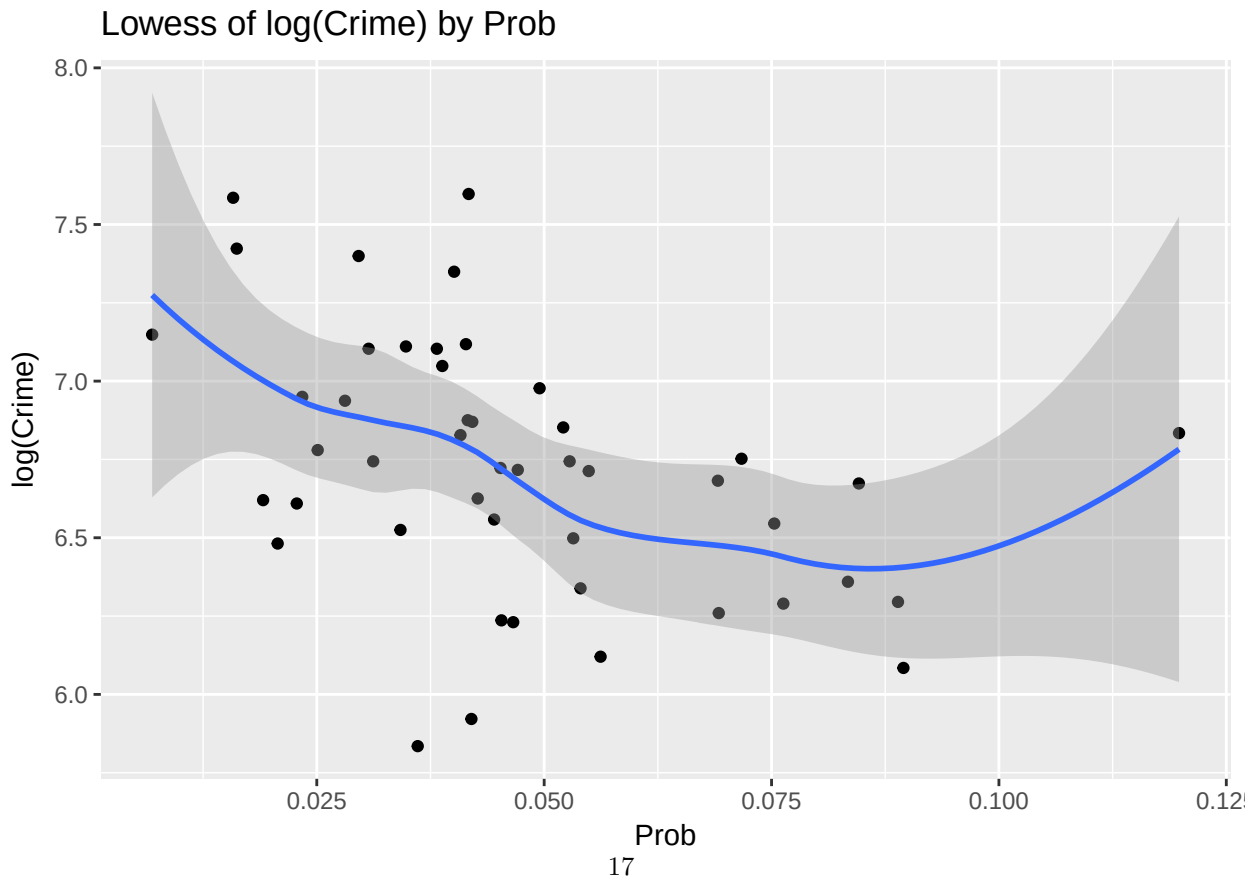
Ineq


Lowess of Crime by Ineq
Crime
2000
1500
1000
500
0
12
16
20
24
28
Ineq

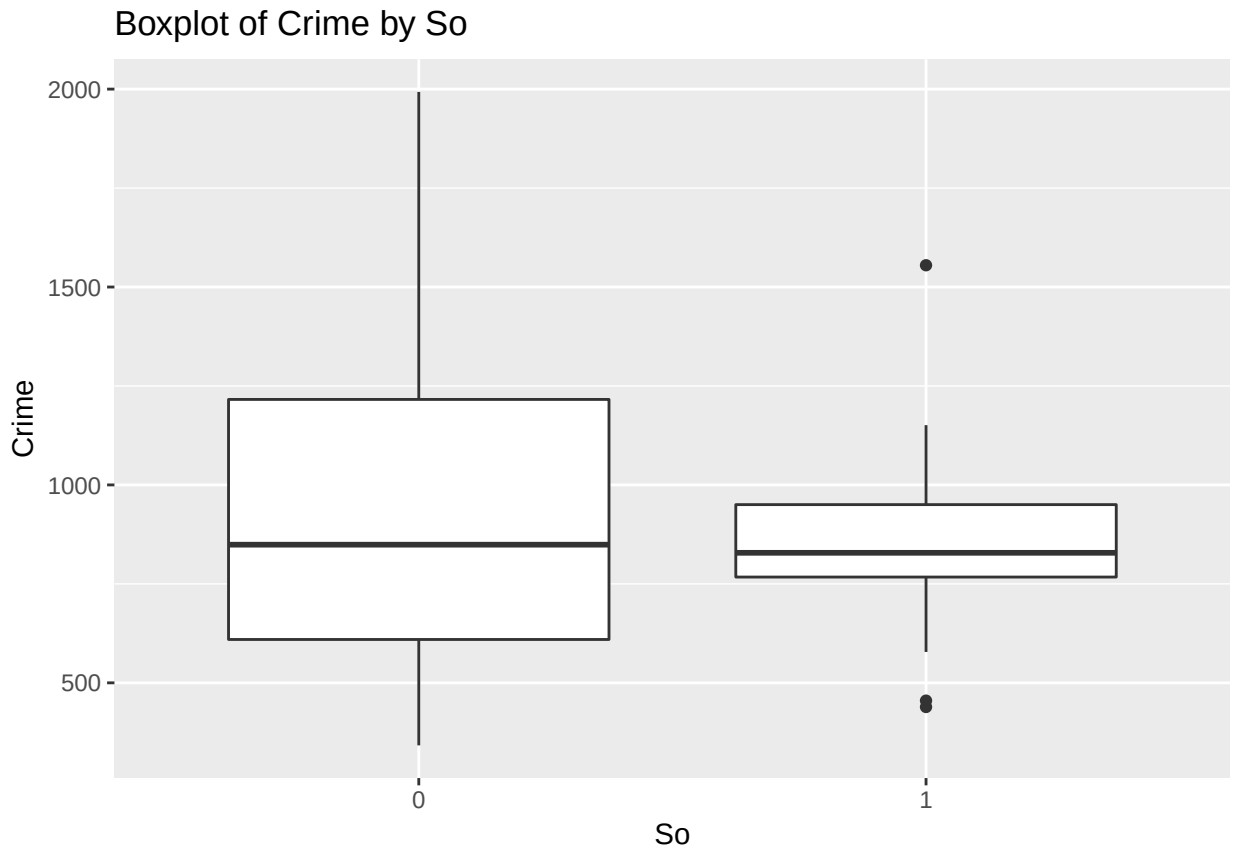

Lowess of log(Crime) by Ineq
log(Crime)
7.5
7.0
6.5
6.0
12
16
20
24
28
Ineq

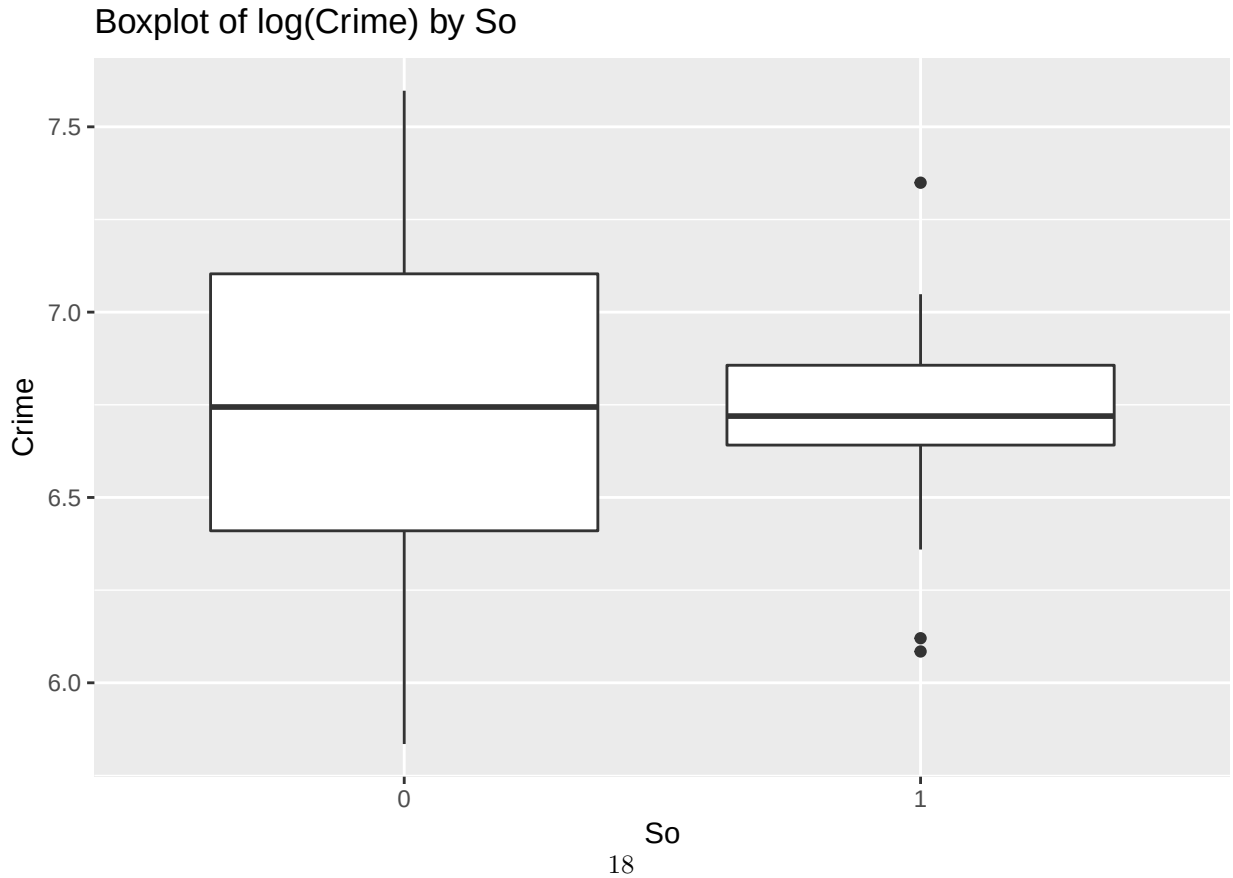
Prob


Lowess of Crime by Prob
Crime
2000
1500
1000
500
0.025
0.050
0.075
0.100
Prob


Lowess of log(Crime) by Prob
log(Crime)
8.0
7.5
7.0
6.5
6.0
0.025
0.050
0.075
0.100
Prob

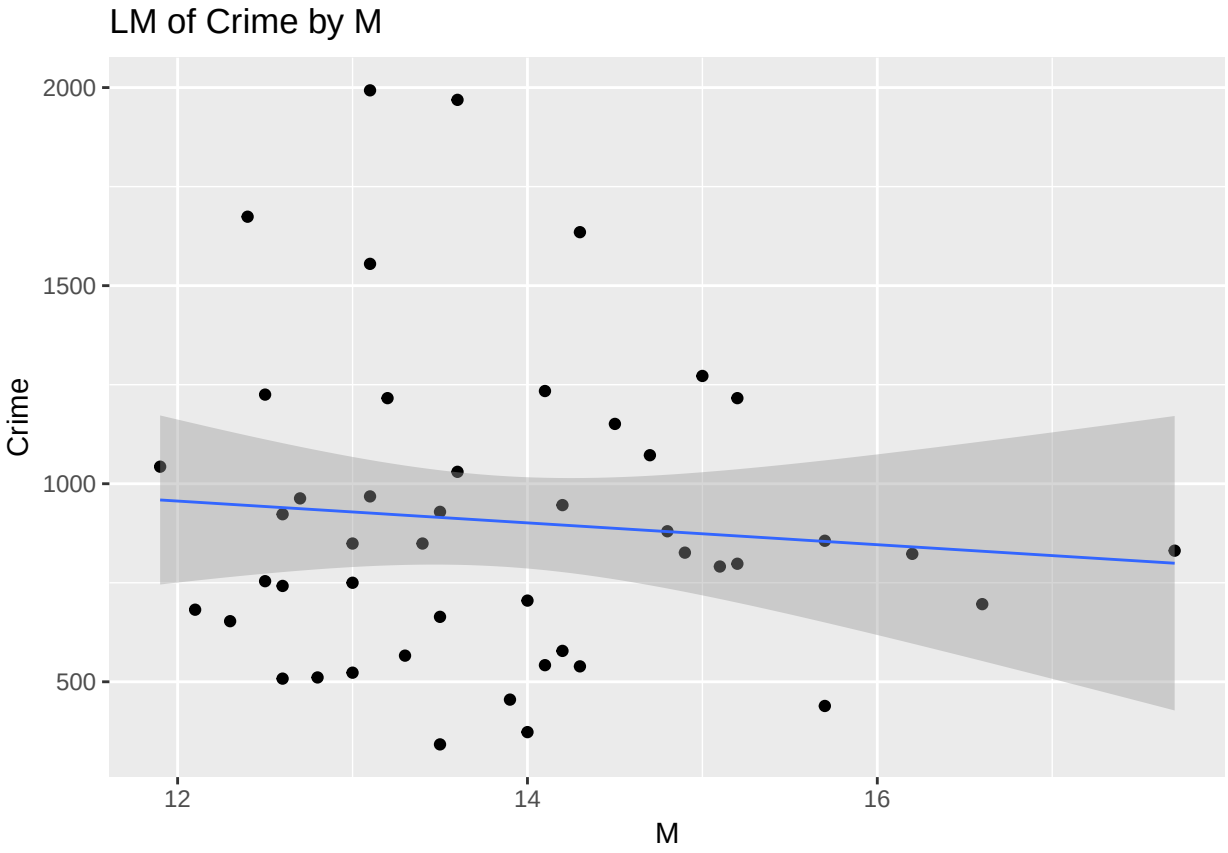
So

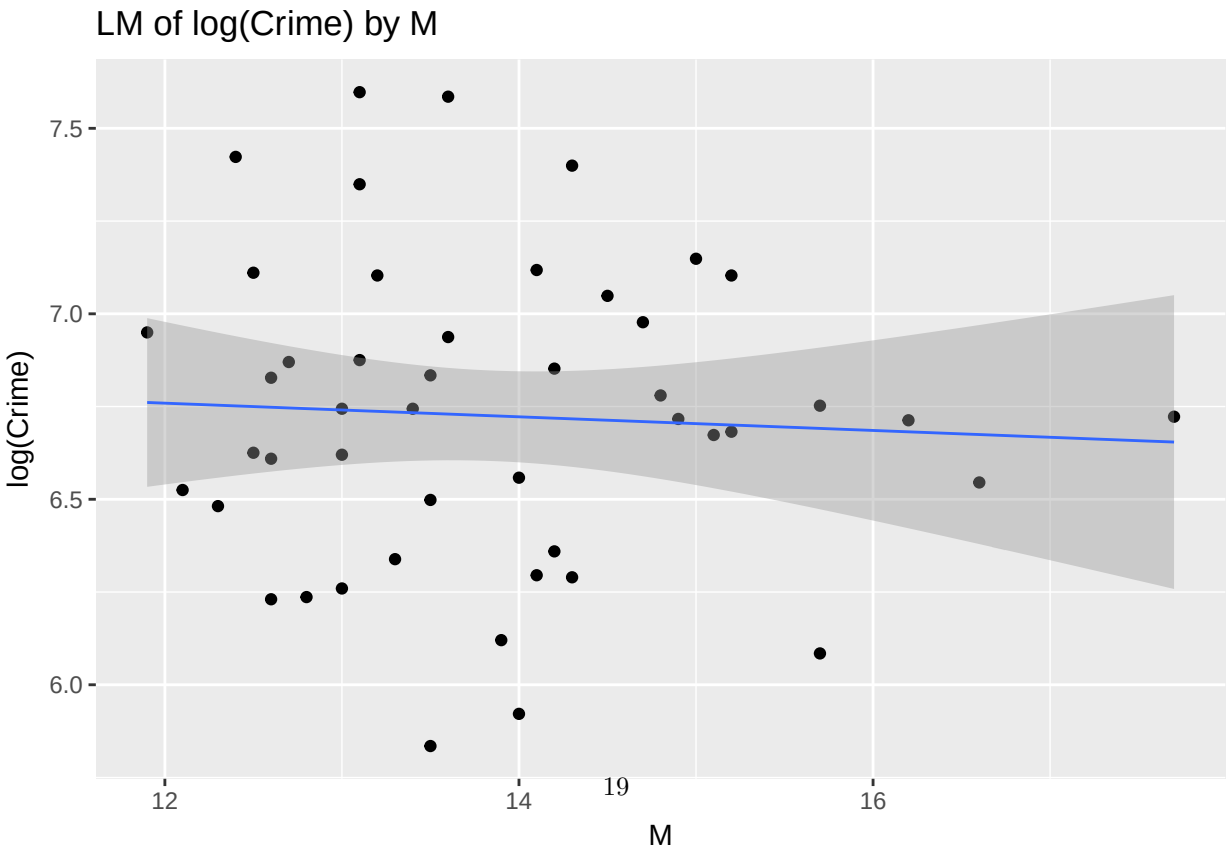

Boxplot of Crime by So
2000
1500
1000
500
Crime
0
1
So


Boxplot of log(Crime) by So
7.5
7.0
6.5
6.0
Crime
0
1
So

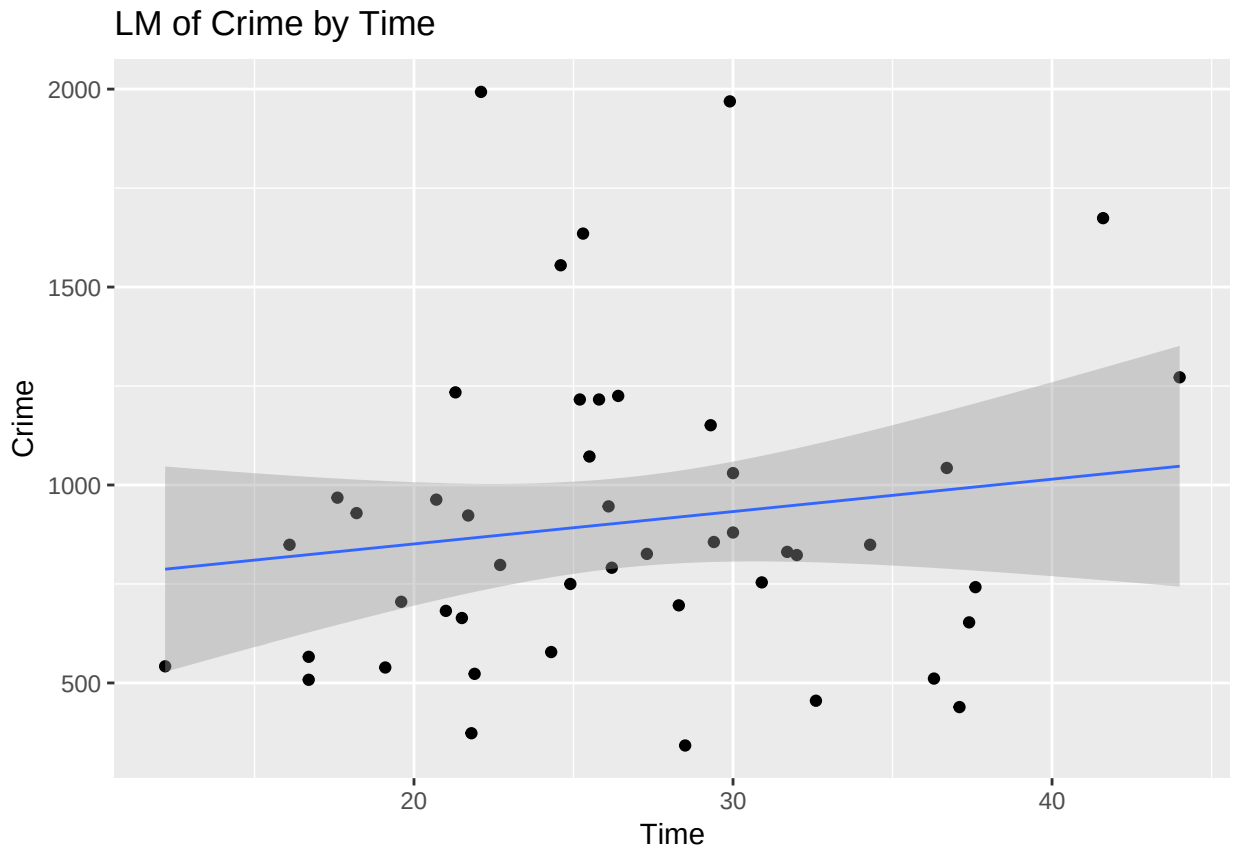
Univariate Linear Fits

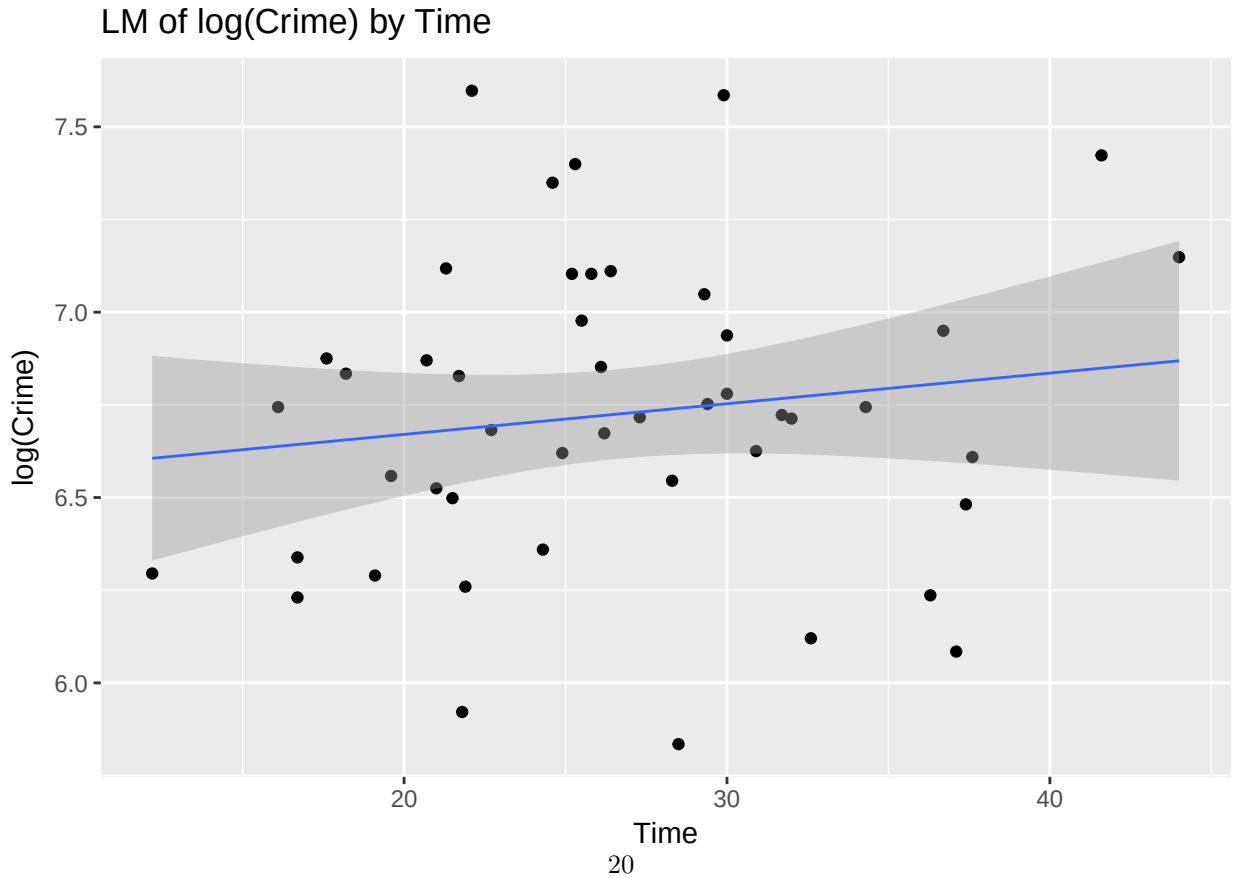
M



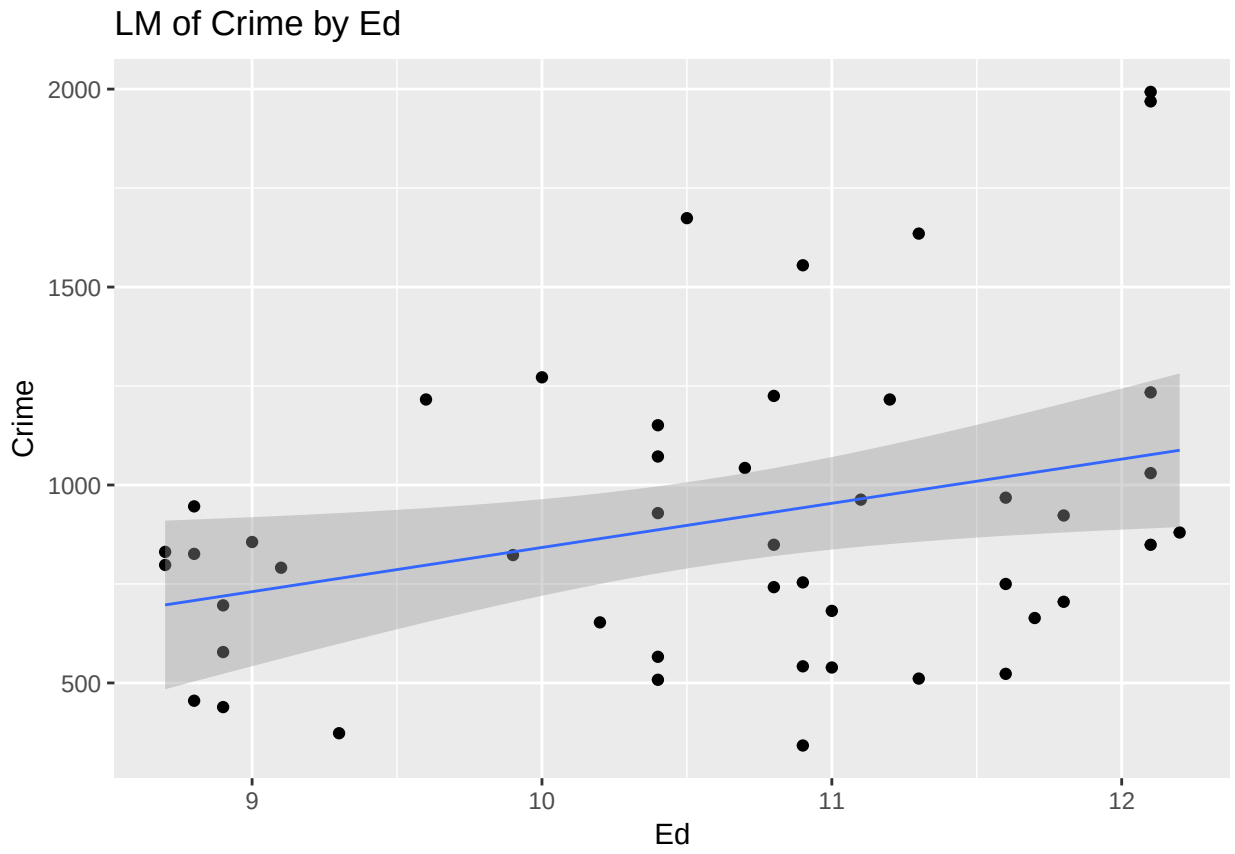


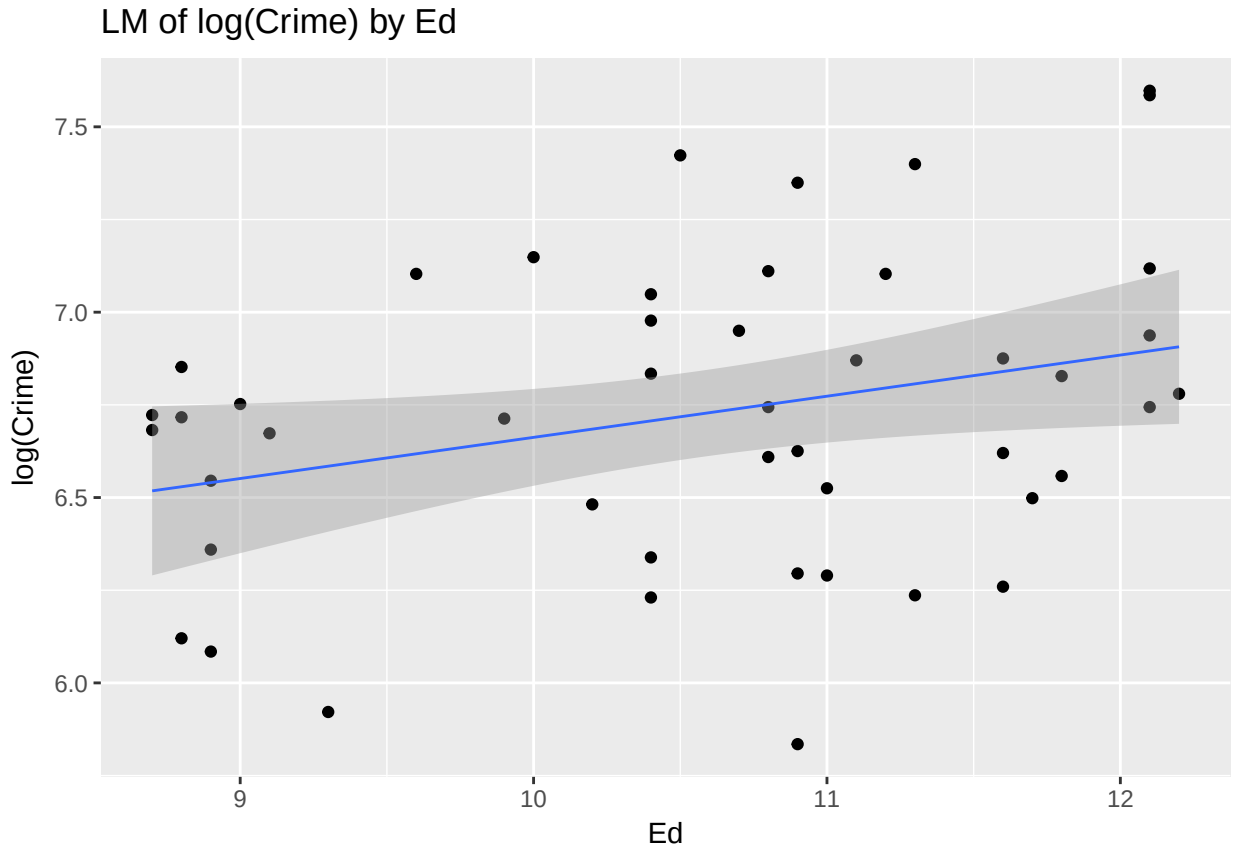
Time


LM of Crime by Time
Crime
2000
1500
1000
500
20
30
40
Time

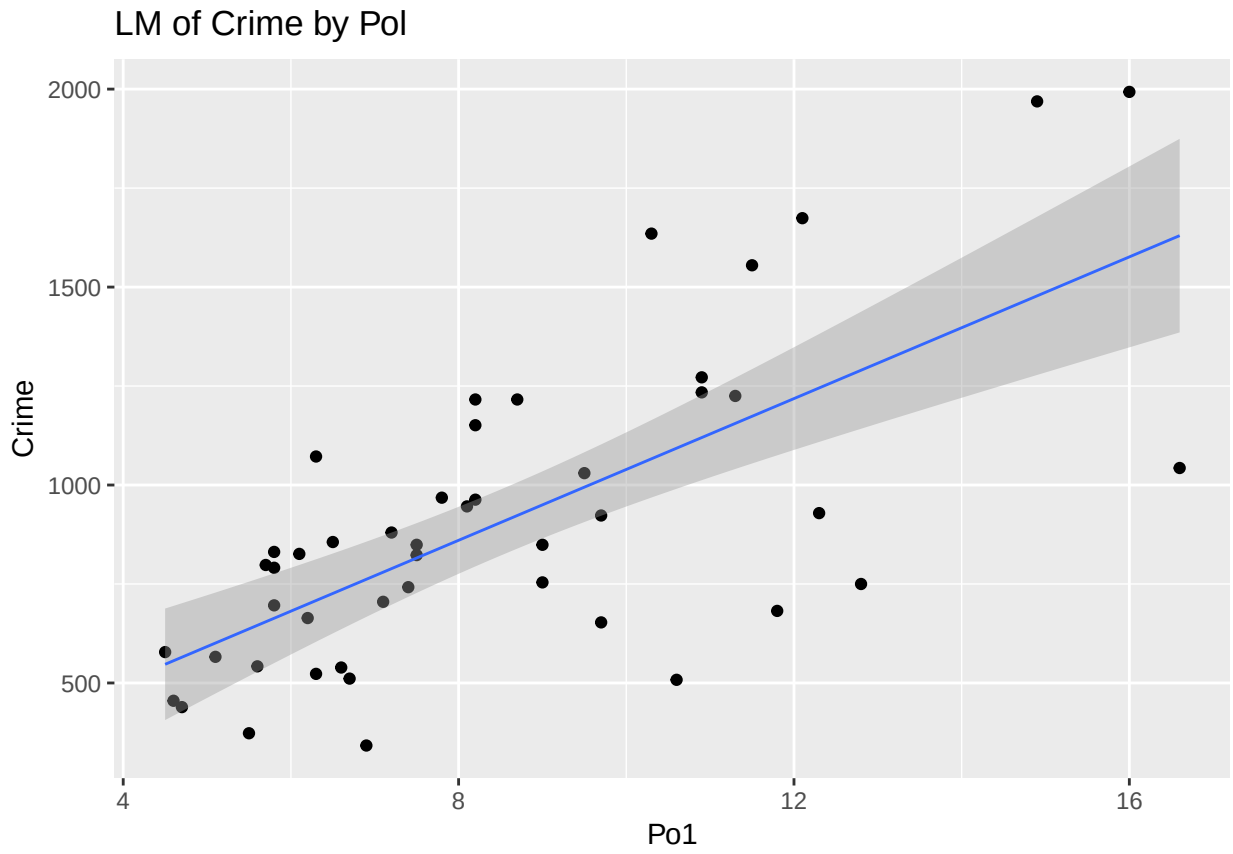

LM of log(Crime) by Time
log(Crime)
7.5
7.0
6.5
6.0
20
30
40
Time

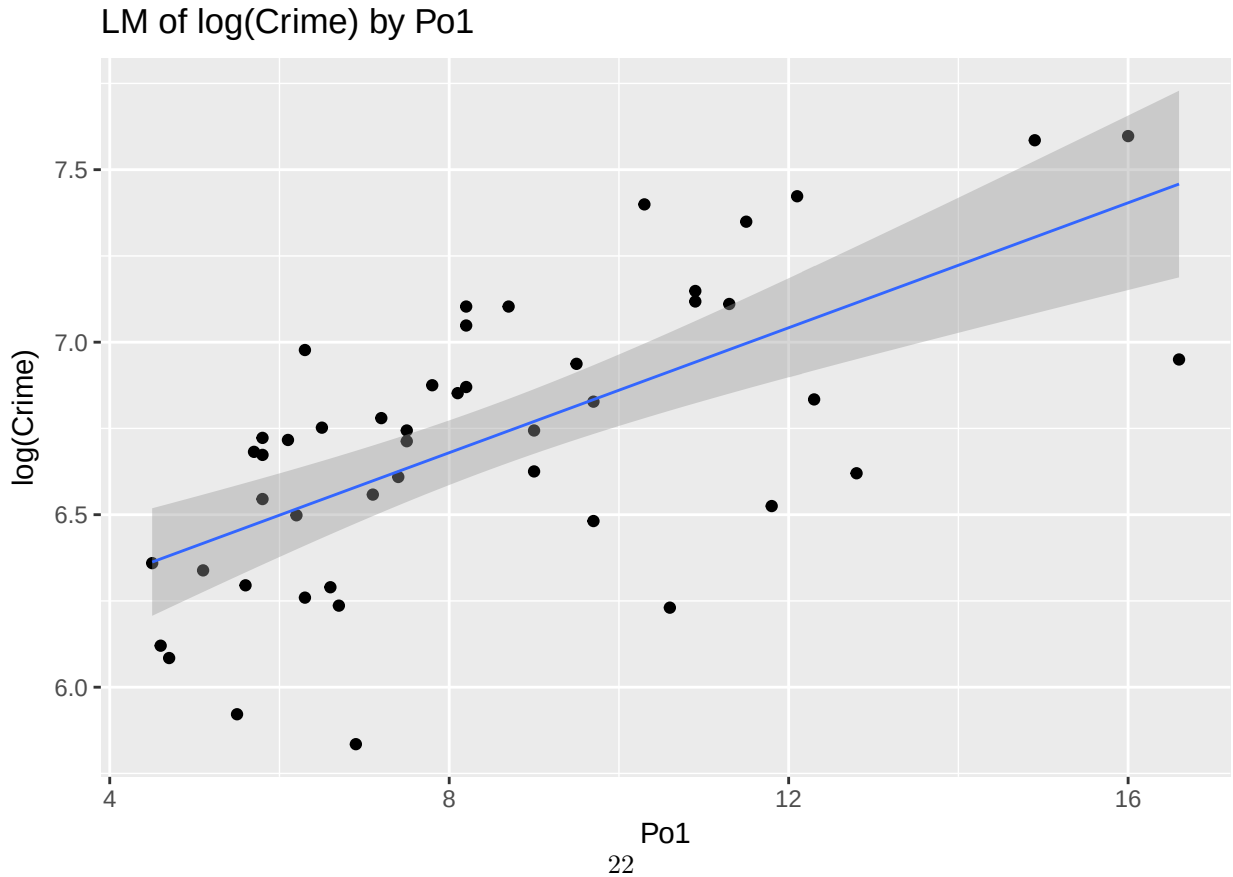
Ed


LM of Crime by Ed
Crime
2000
1500
1000
500
9
10
11
12
Ed

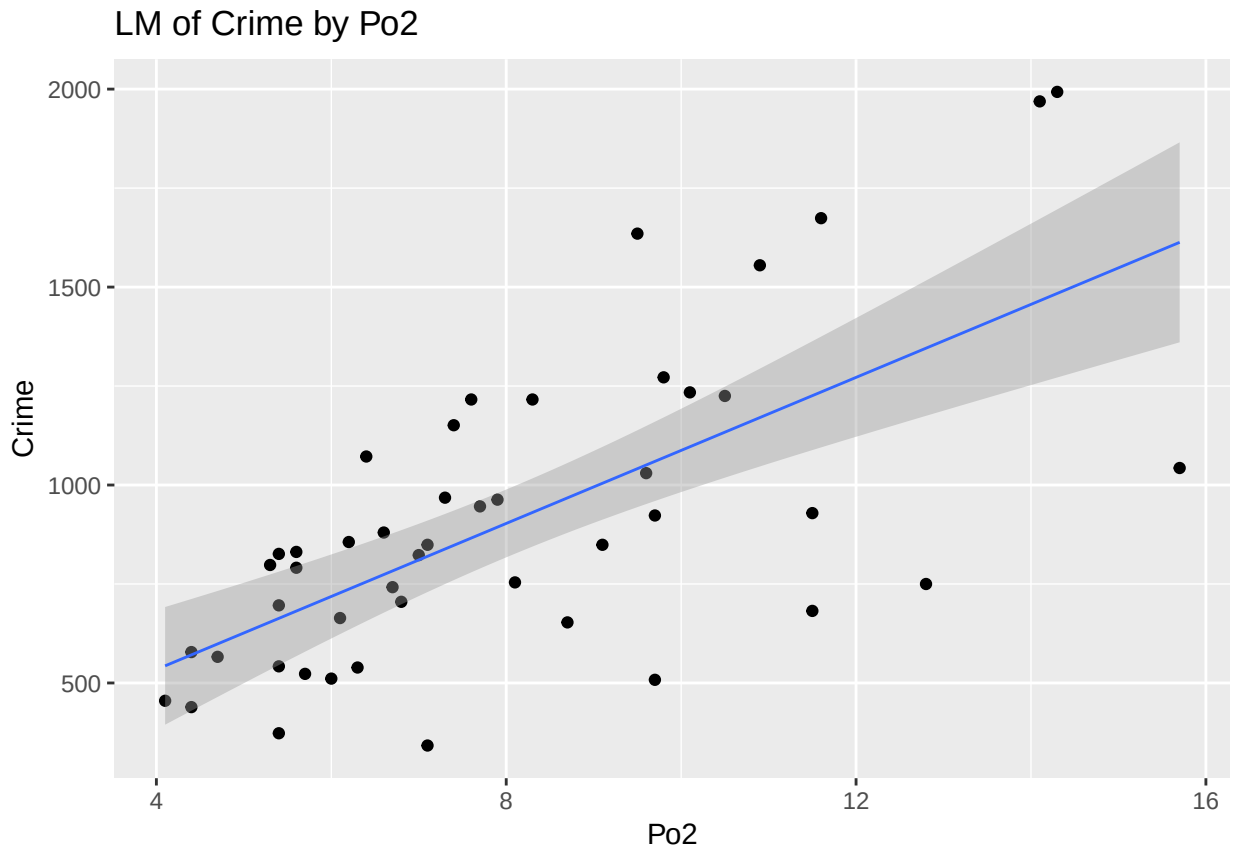

LM of log(Crime) by Ed
log(Crime)
7.5
7.0
6.5
6.0
9
10
11
12
Ed

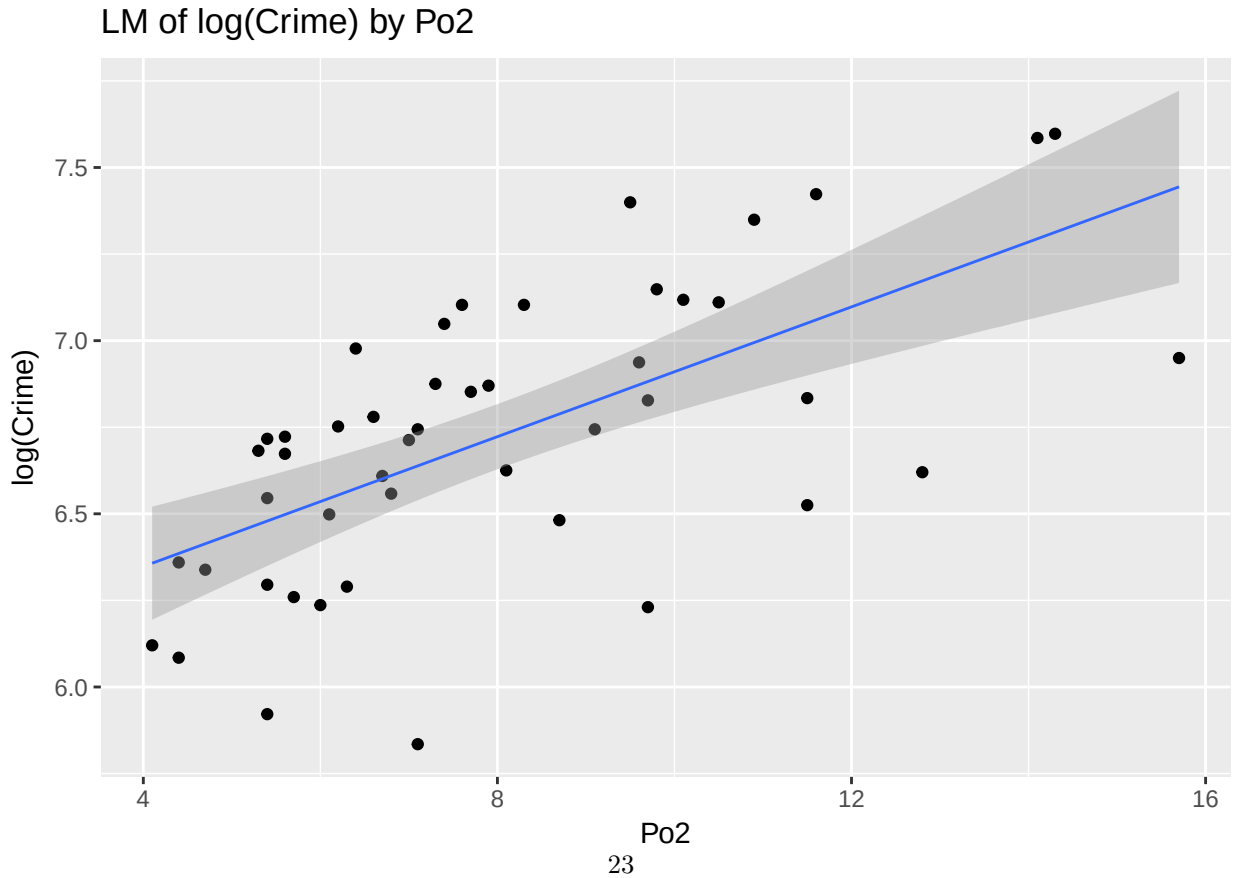
Po1


LM of Crime by Pol
Crime
2000
1500
1000
500
4
8
12
16
Po1

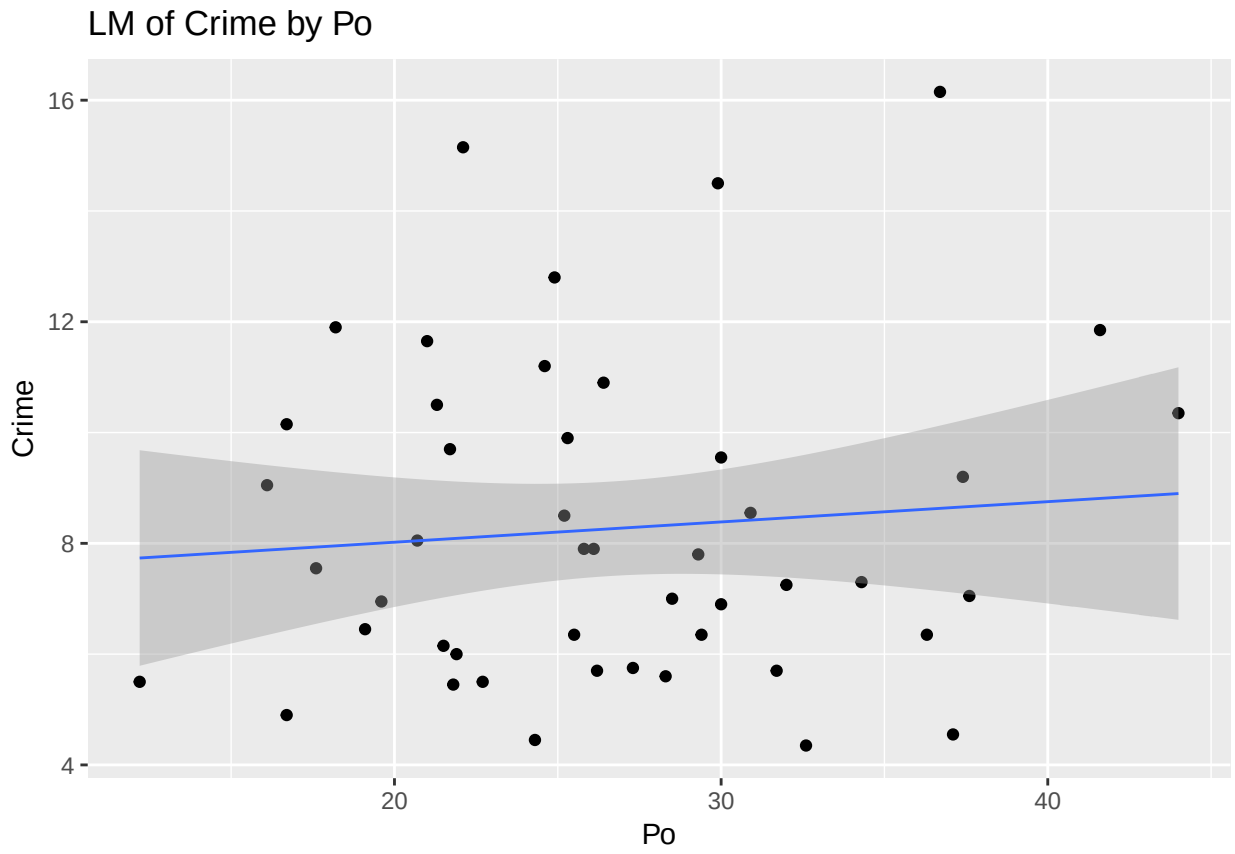

LM of log(Crime) by Po1
log(Crime)
7.5
7.0
6.5
6.0
4
8
12
16
Po1

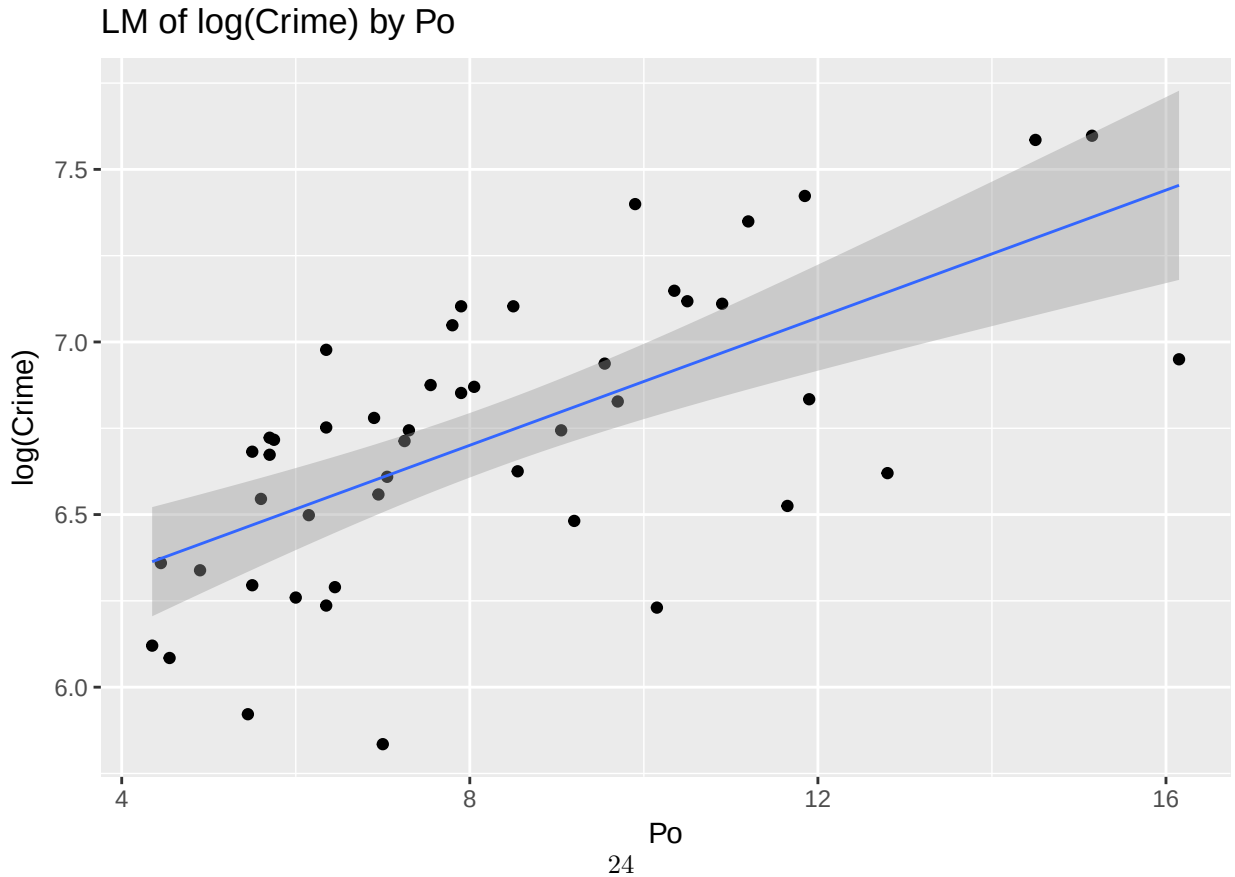
Po2


LM of Crime by Po2
Crime
2000
1500
1000
500
4
8
12
16
Po2

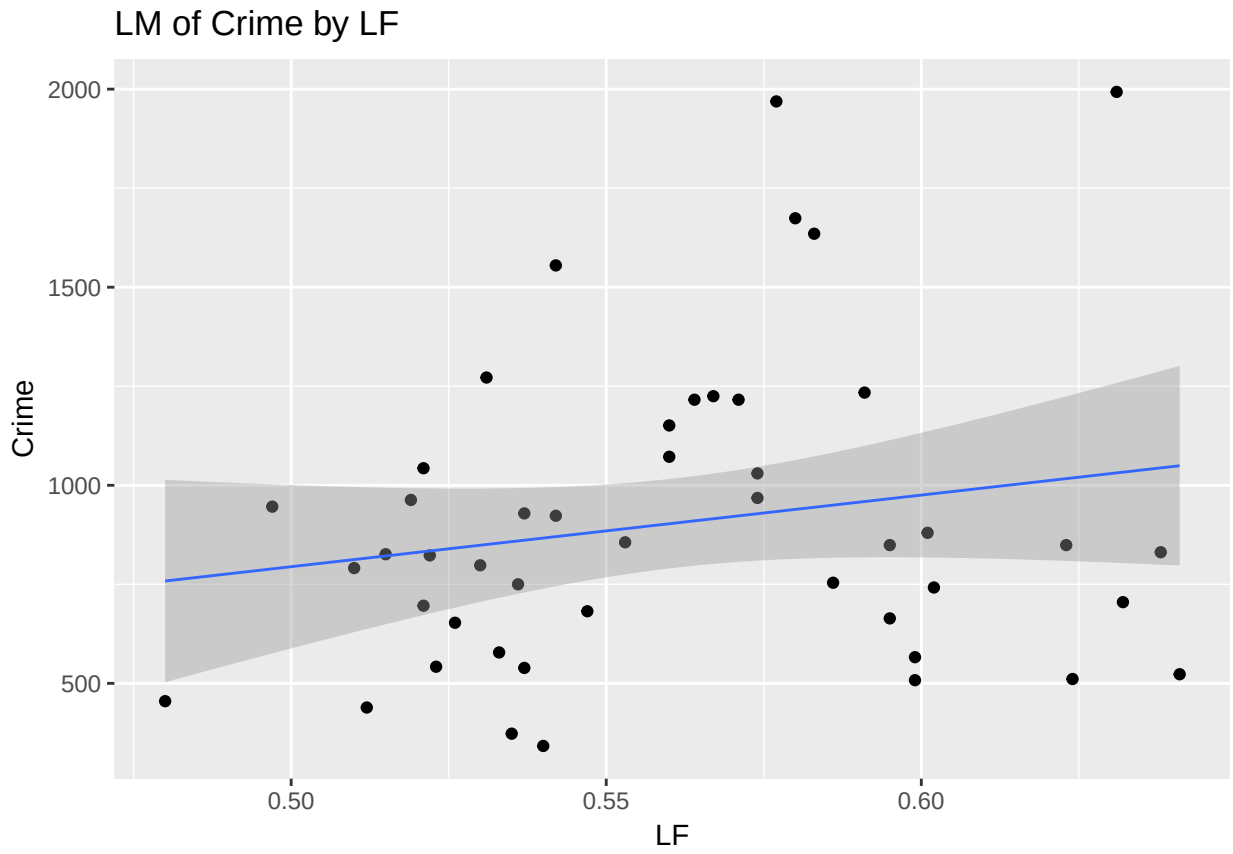

LM of log(Crime) by Po2
log(Crime)
7.5
7.0
6.5
6.0
4
8
12
16
Po2

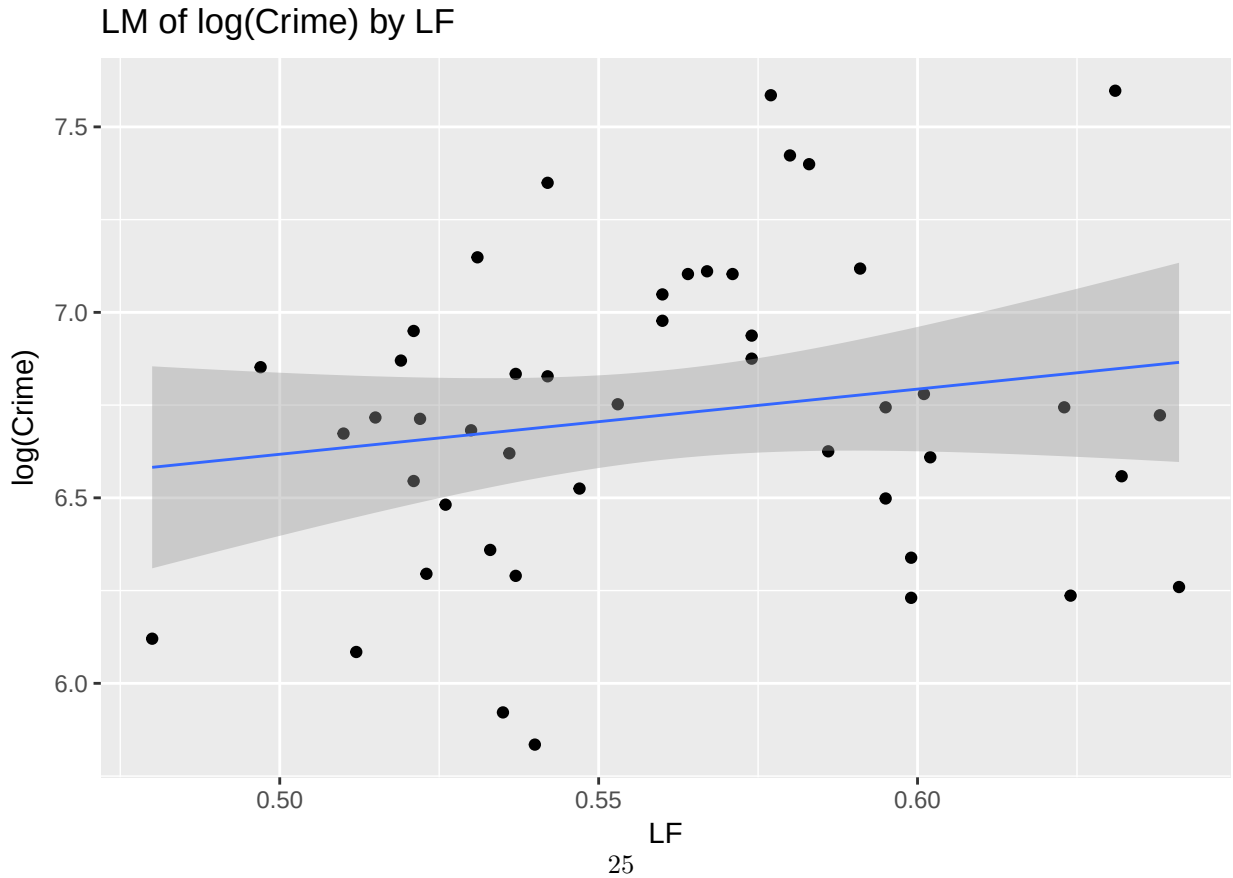
Po


LM of Crime by Po
Crime
Po
16
12
8
4
20
30
40

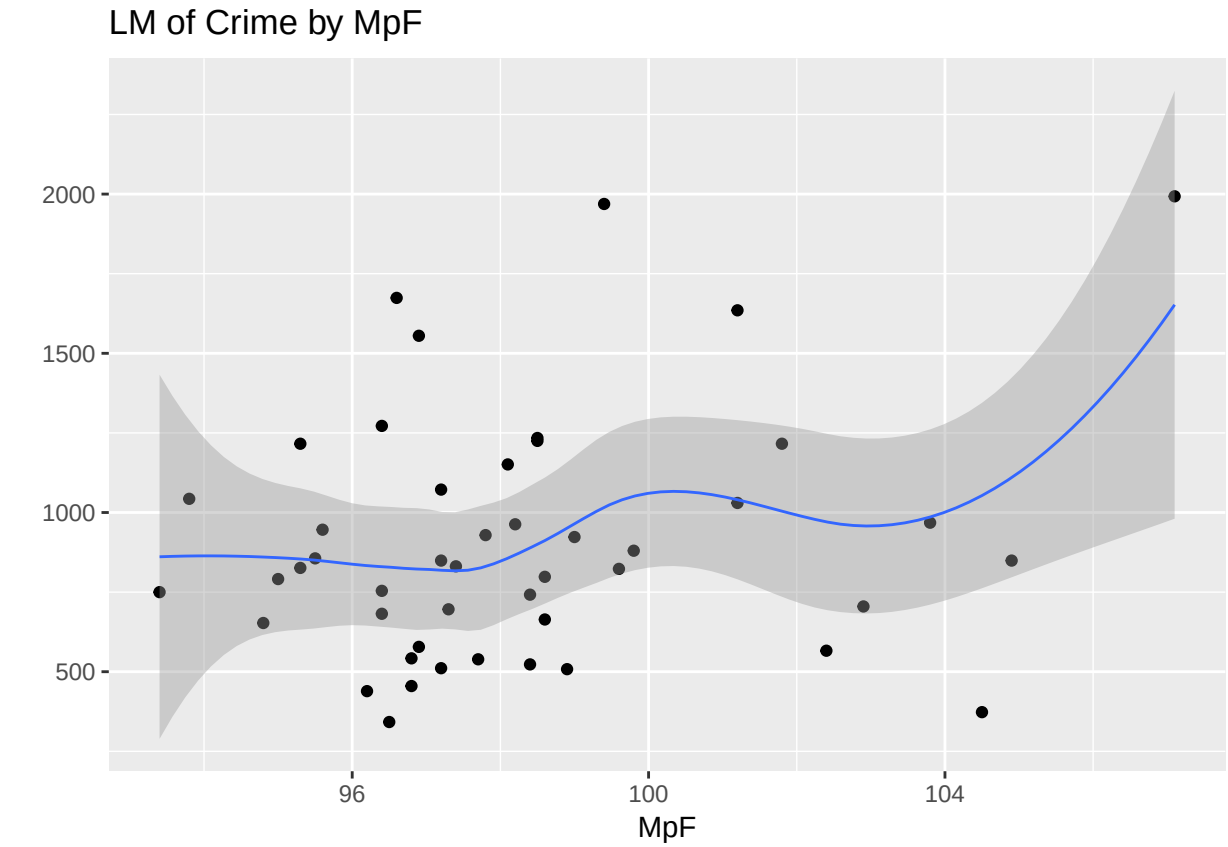

LM of log(Crime) by Po
log(Crime)
Po
7.5
7.0
6.5
6.0
4
8
12
16

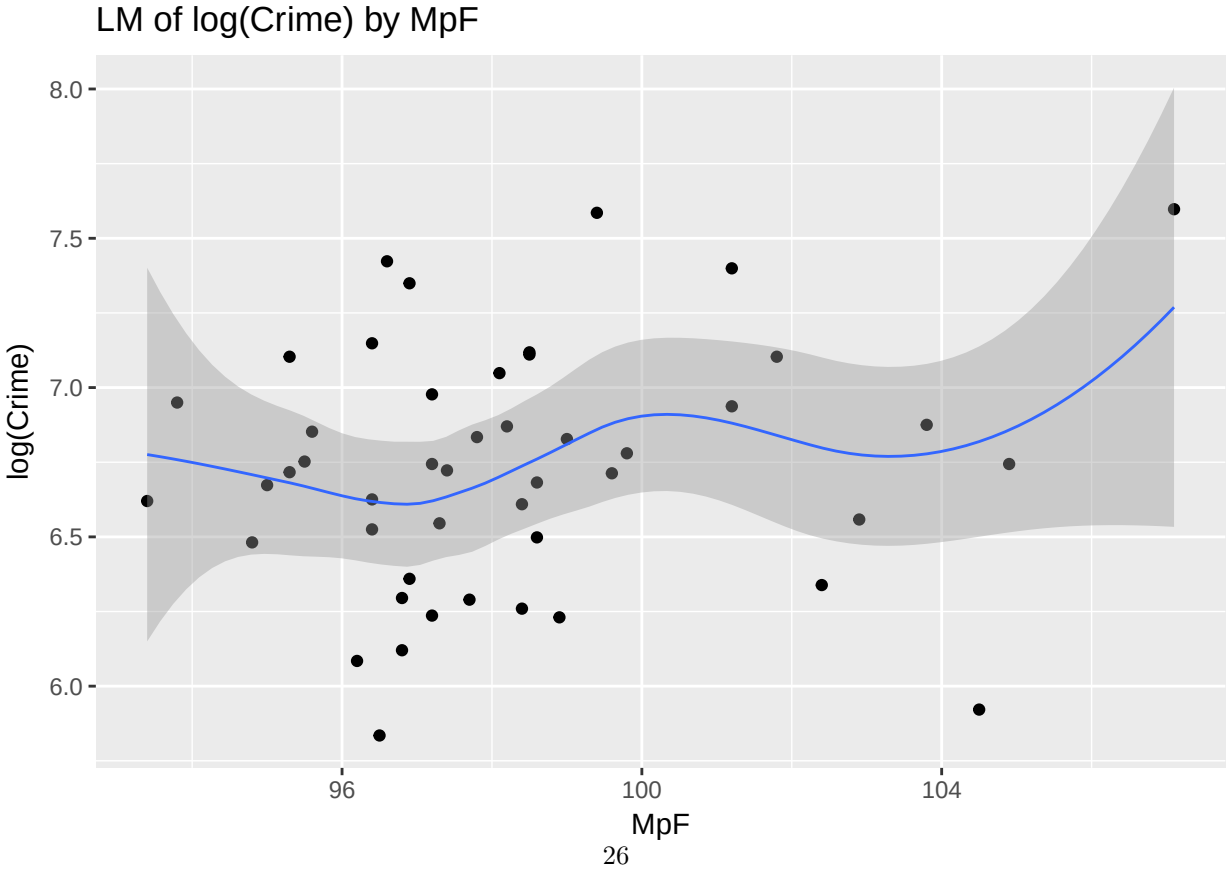
LF


LM of Crime by LF
Crime
2000
1500
1000
500
0.50
0.55
0.60
LF

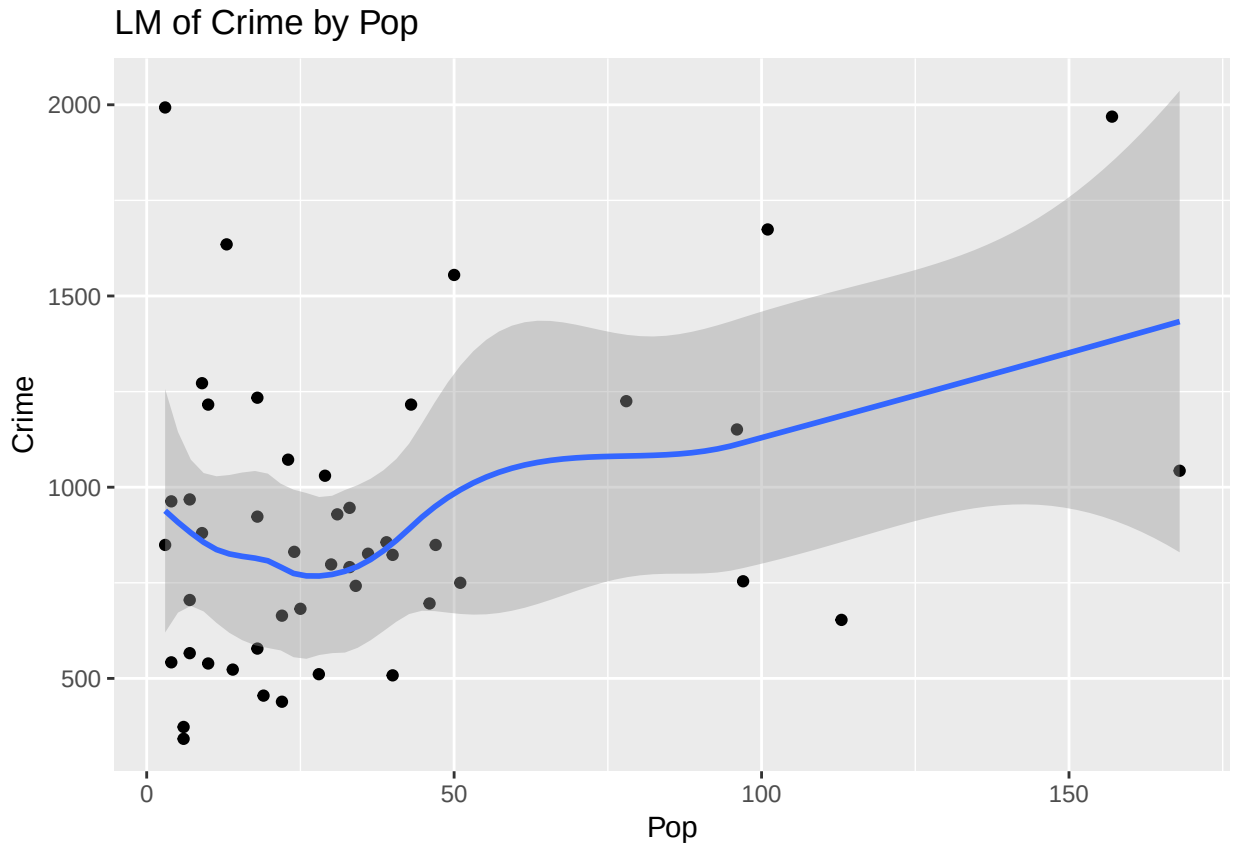

LM of log(Crime) by LF
log(Crime)
7.5
7.0
6.5
6.0
0.50
0.55
0.60
LF

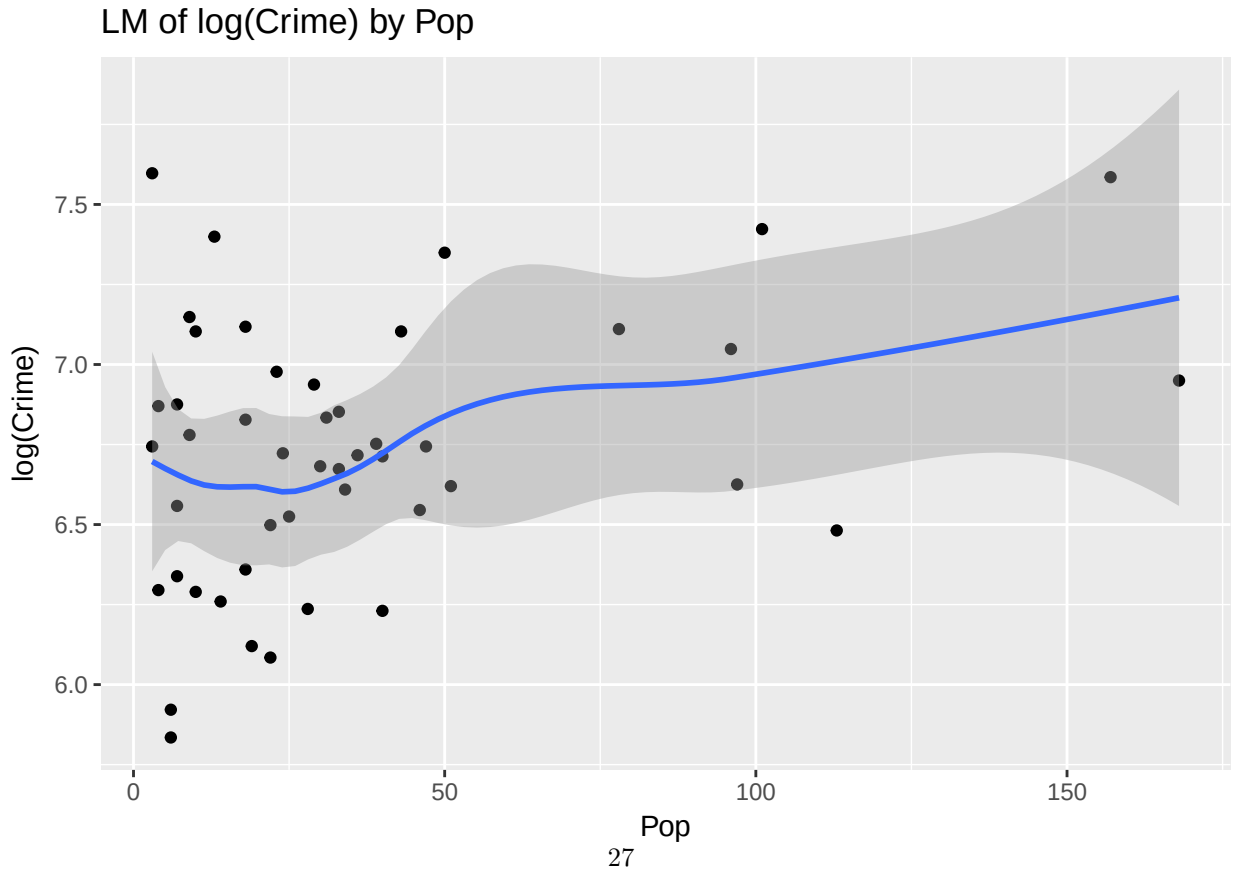
MpF


LM of Crime by MpF
2000
1500
1000
500
96
100
104
MpF

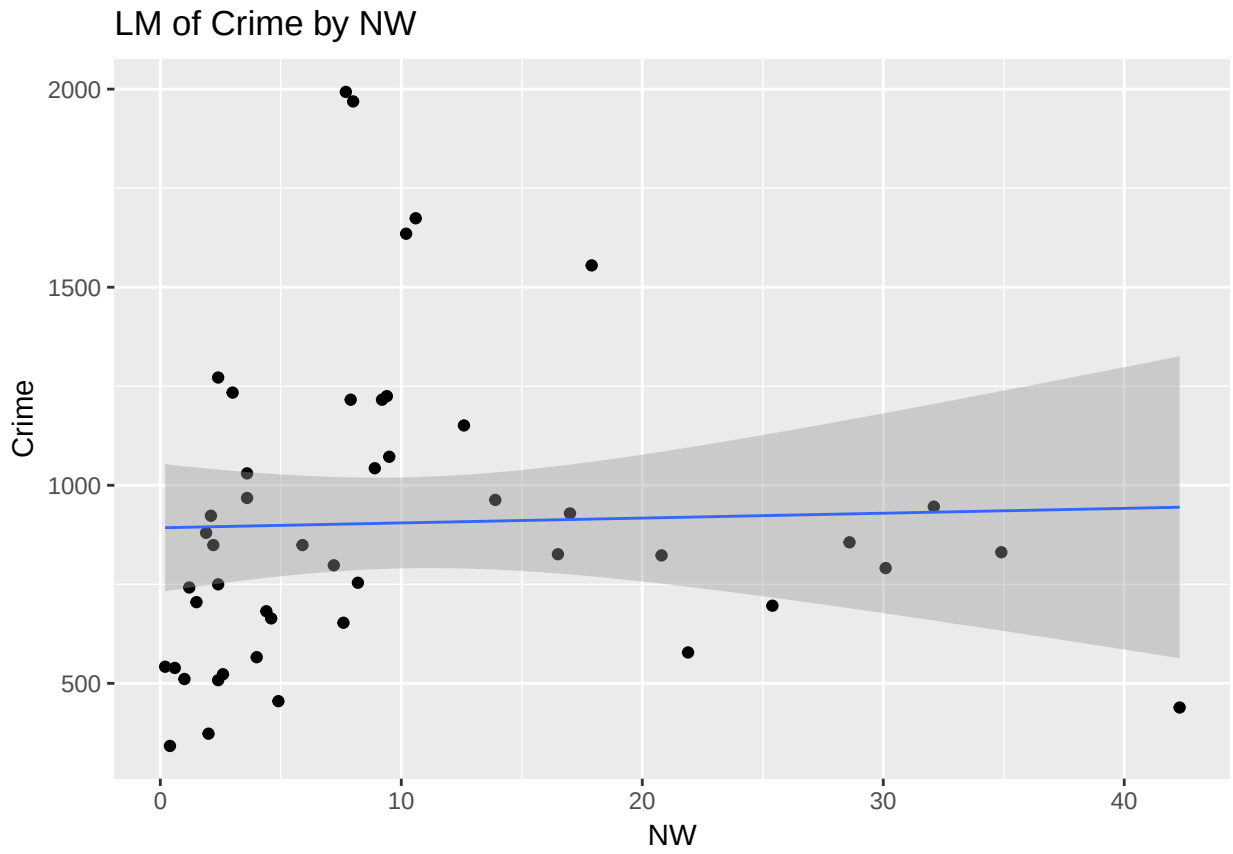

LM of log(Crime) by MpF
8.0
7.5
7.0
6.5
6.0
log(Crime)
96
100
104
MpF

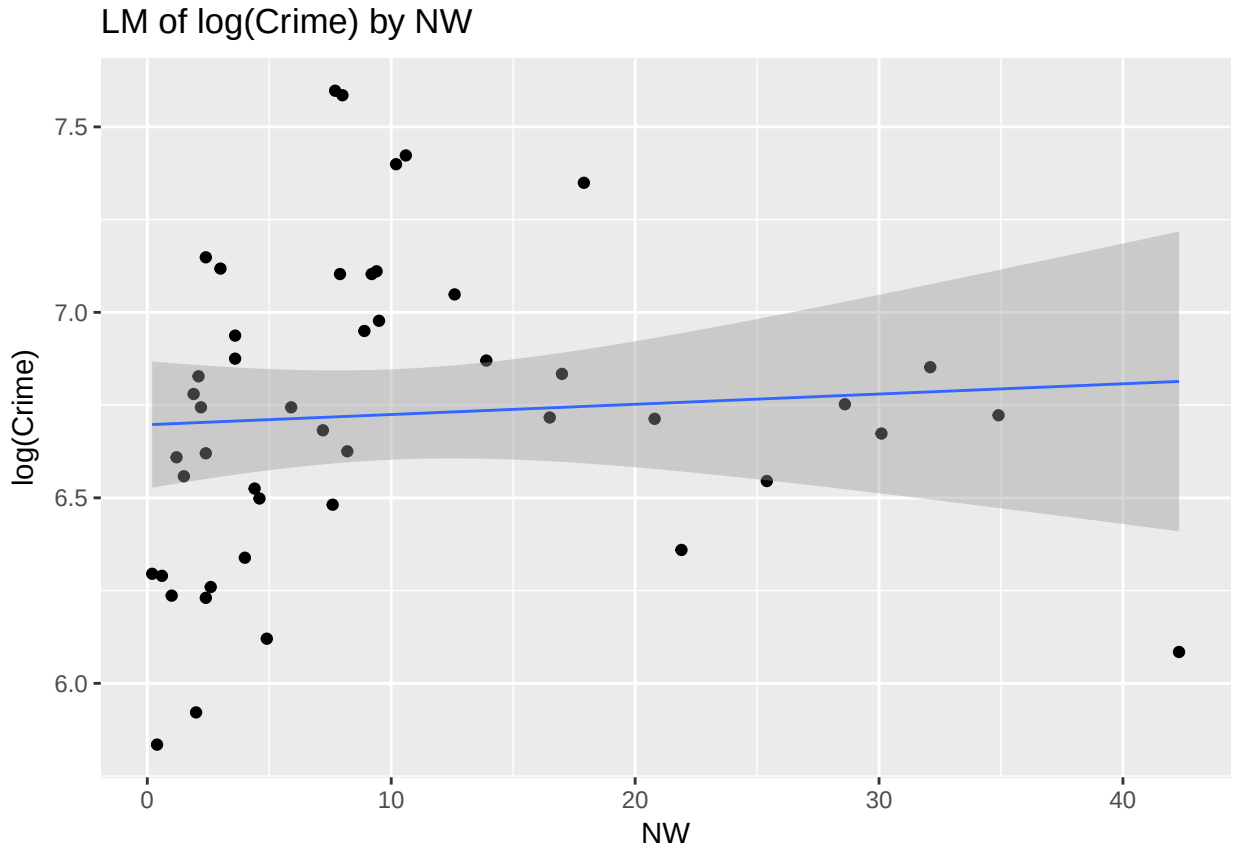
Pop


LM of Crime by Pop
Crime
2000
1500
1000
500
0
50
100
150
Pop

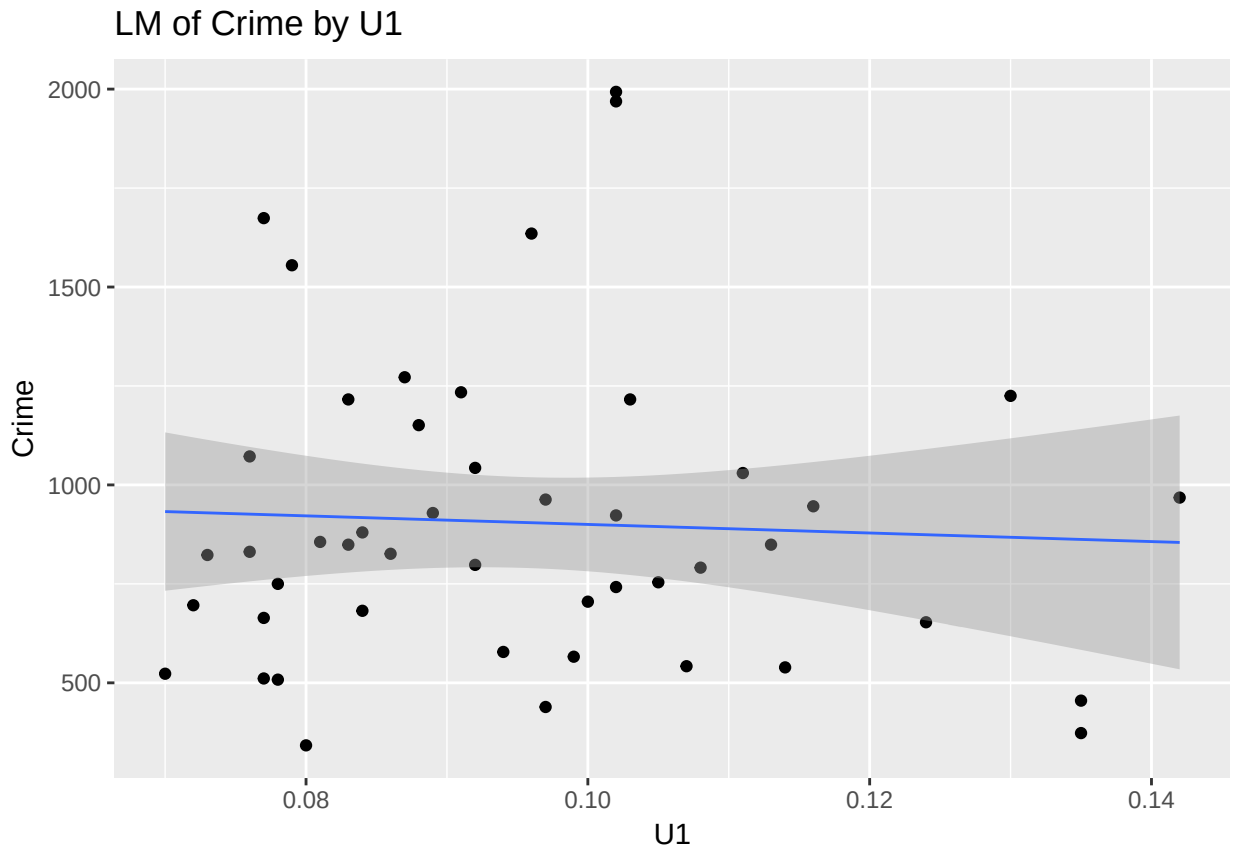

LM of log(Crime) by Pop
log(Crime)
7.5
7.0
6.5
6.0
0
50
100
150
Pop

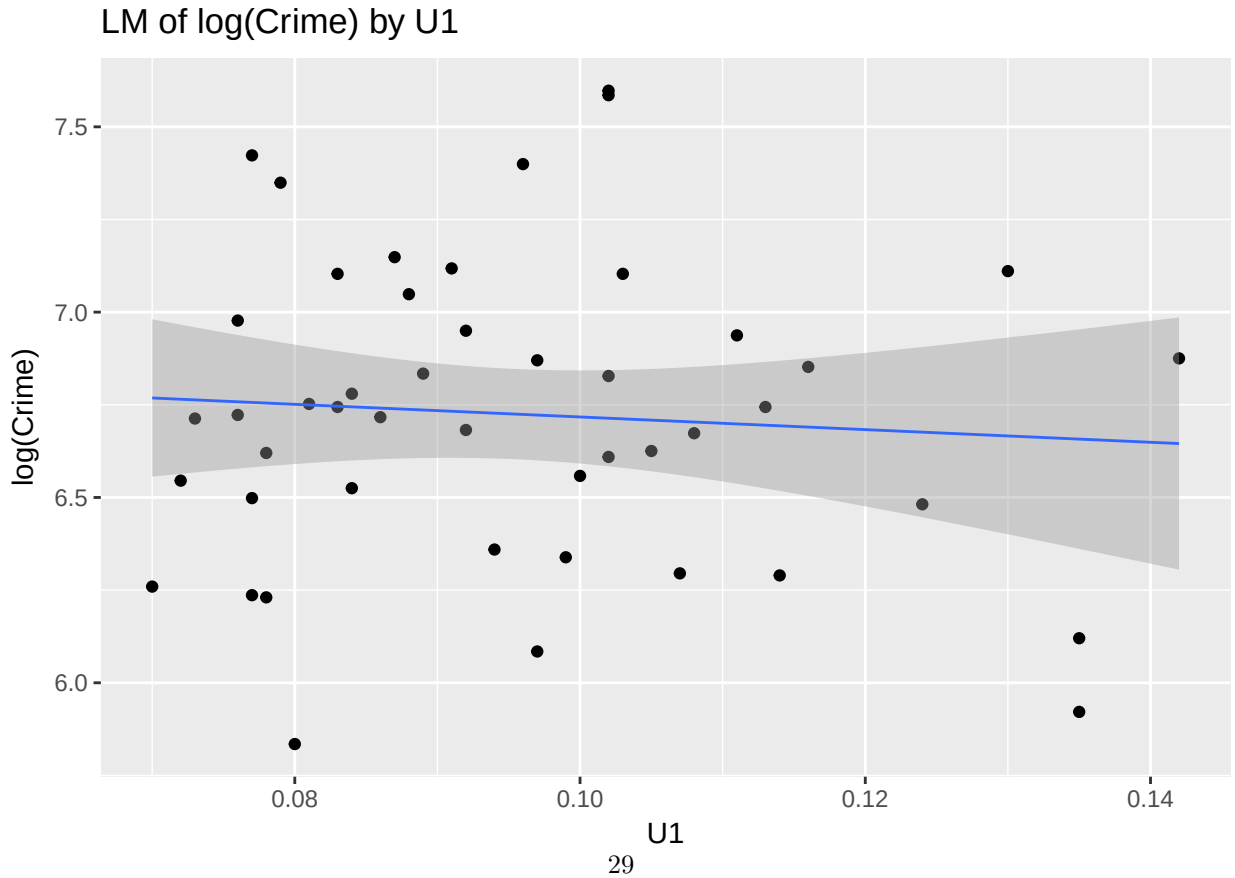
NW


LM of Crime by NW
Crime
2000
1500
1000
500
0
10
20
30
40
NW

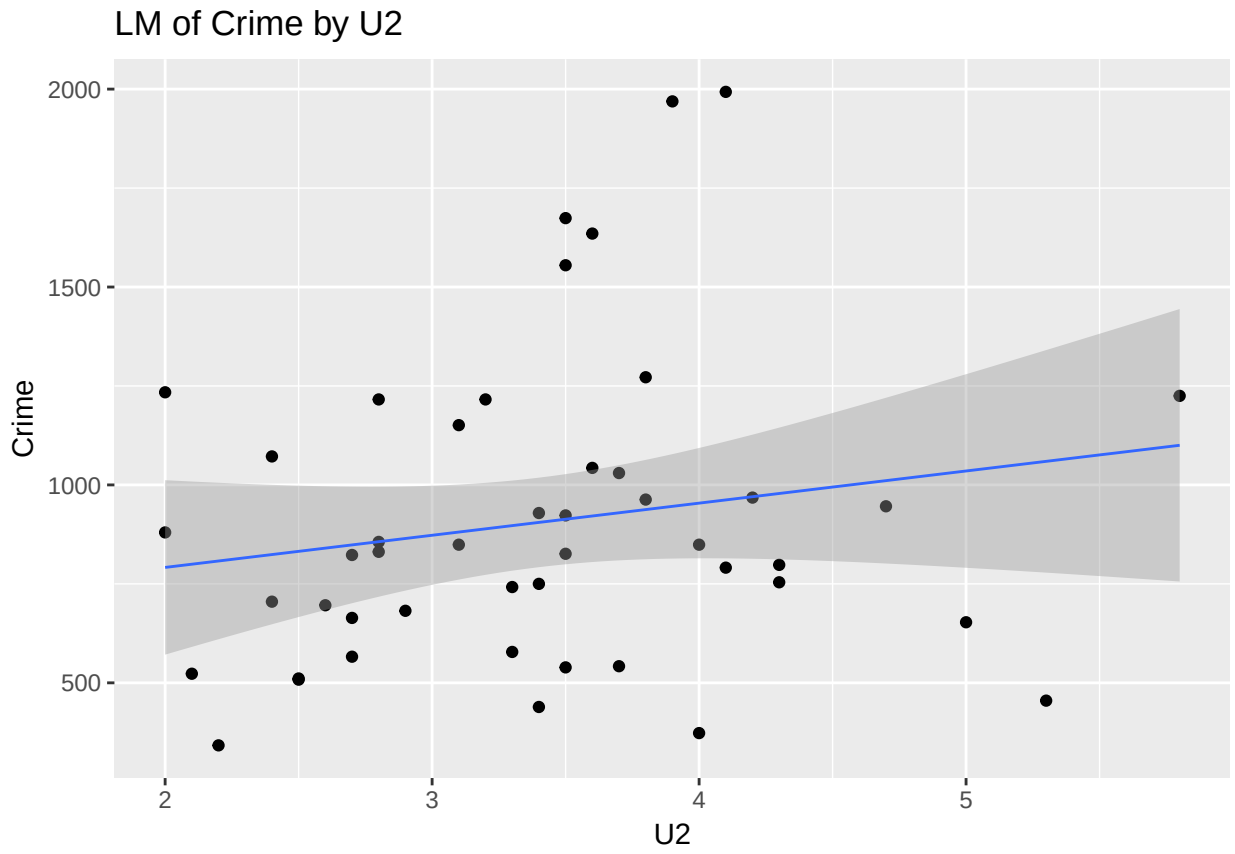

LM of log(Crime) by NW
log(Crime)
7.5
7.0
6.5
6.0
0
10
20
30
40
NW

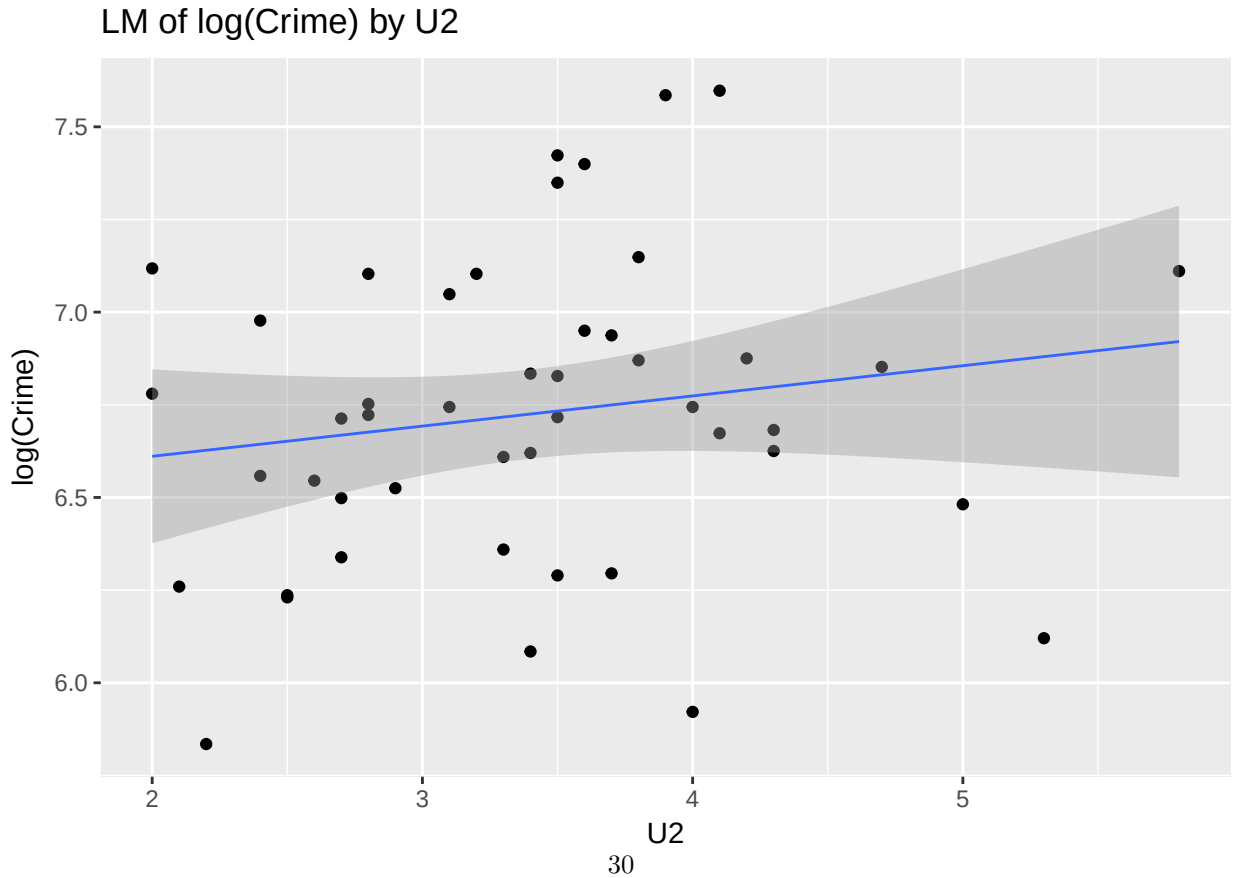
U1


LM of Crime by U1
Crime
2000
1500
1000
500
0.08
0.10
0.12
0.14
U1

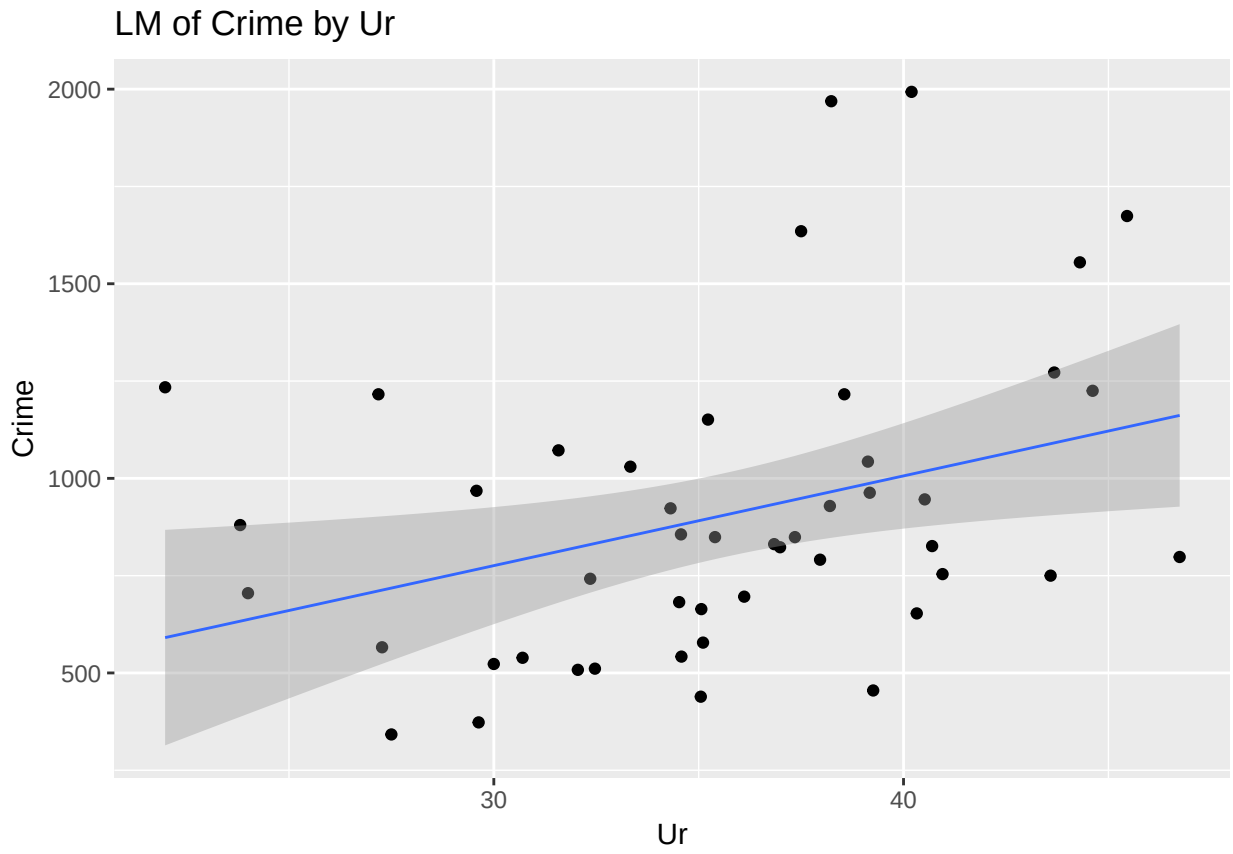

LM of log(Crime) by U1
log(Crime)
7.5
7.0
6.5
6.0
0.08
0.10
0.12
0.14
U1

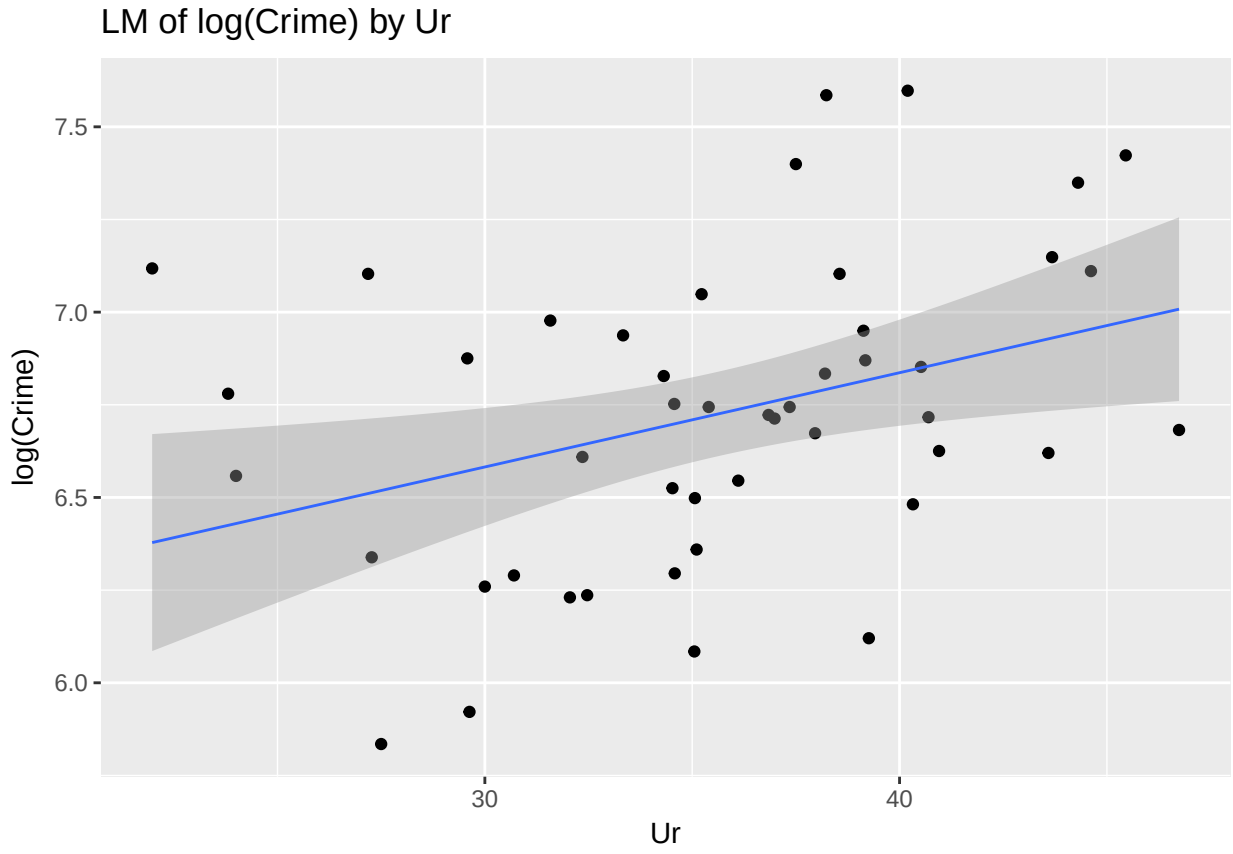
U2


LM of Crime by U2
Crime
2000
1500
1000
500
2
3
4
5
U2

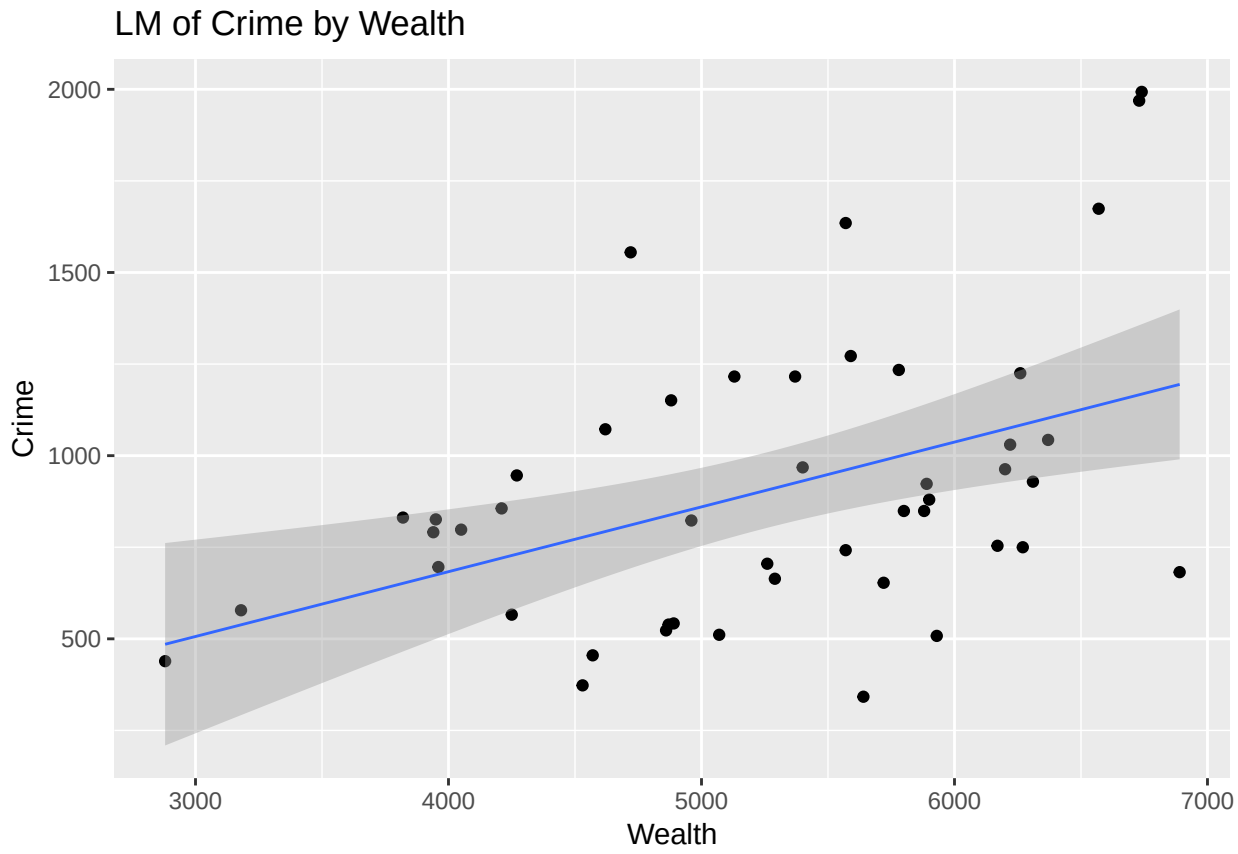

LM of log(Crime) by U2
log(Crime)
7.5
7.0
6.5
6.0
2
3
4
5
U2

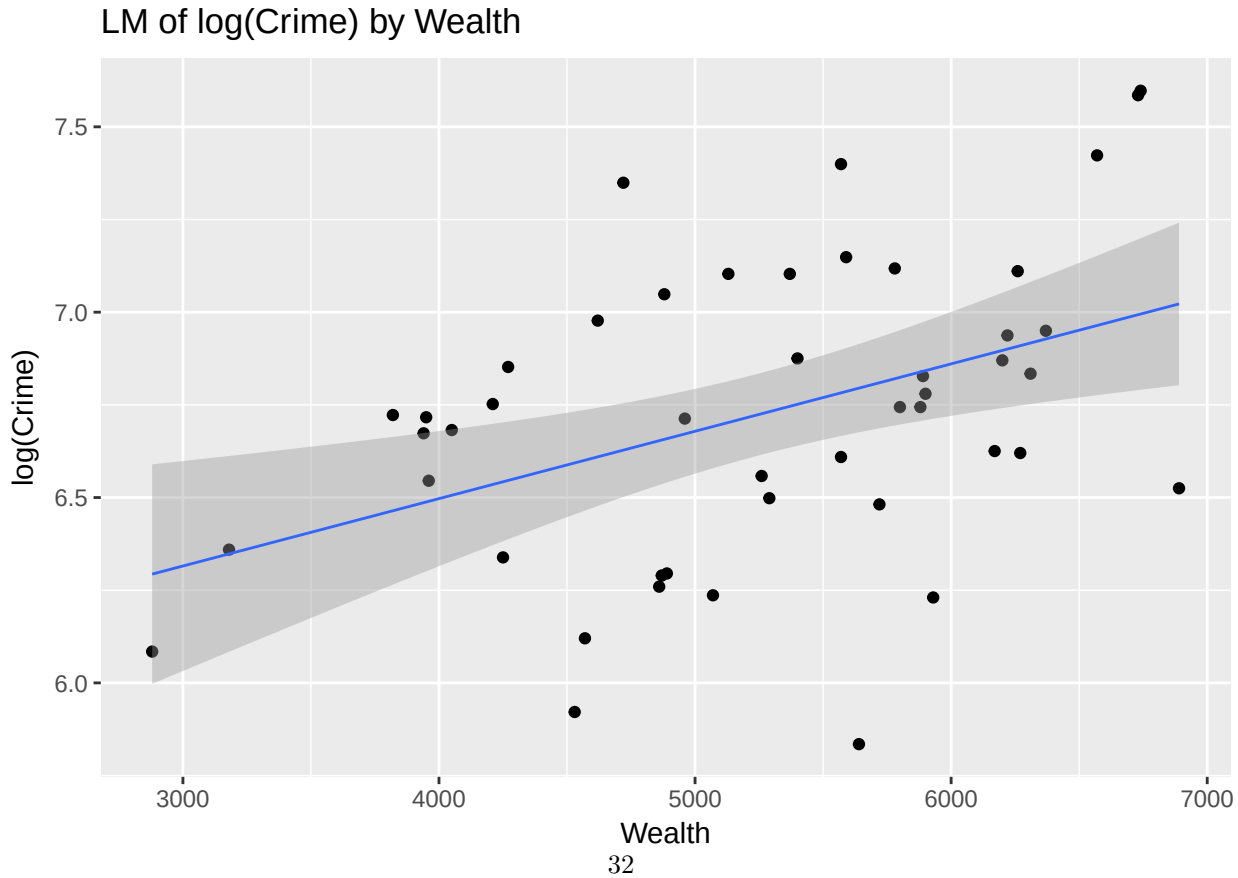
Ur


LM of Crime by Ur
Crime
2000
1500
1000
500
30
40
Ur

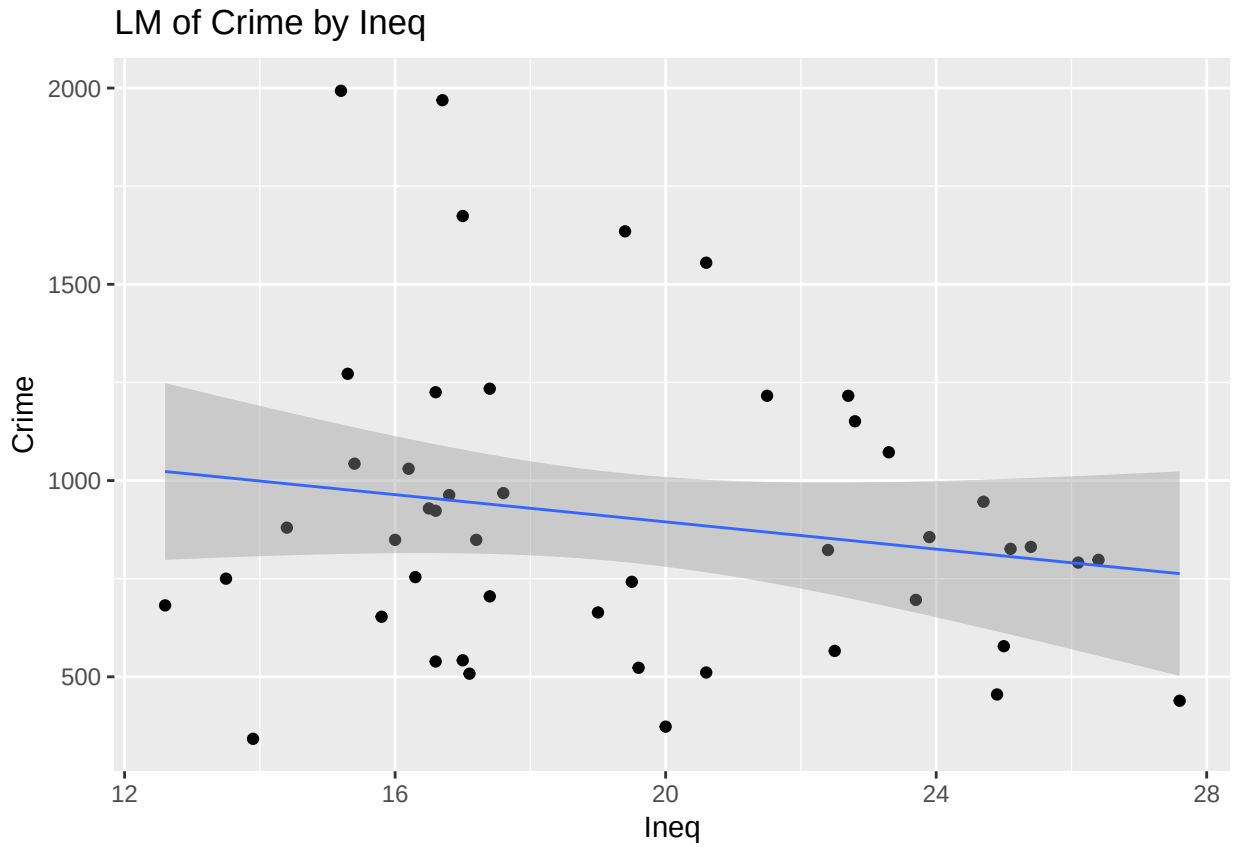

LM of log(Crime) by Ur
log(Crime)
7.5
7.0
6.5
6.0
30
40
Ur

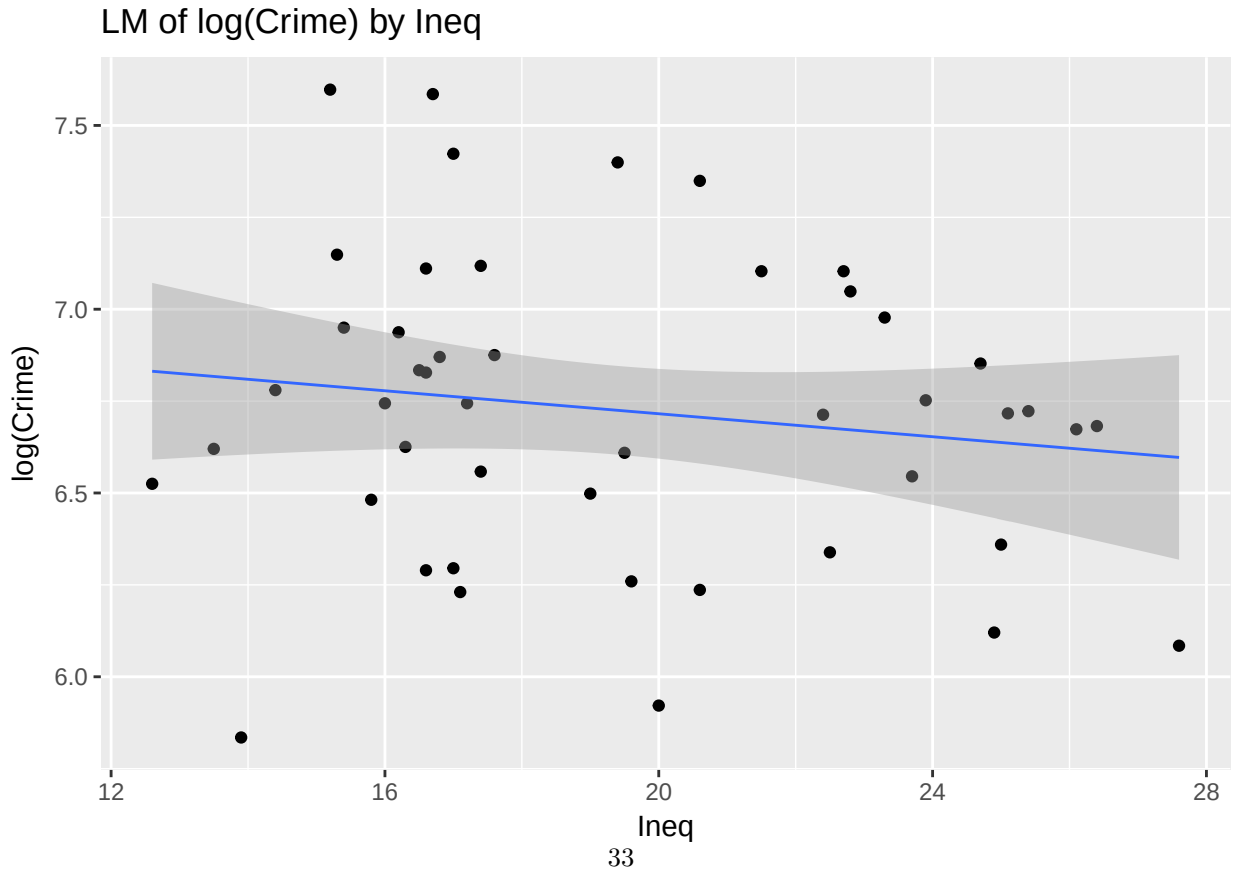
Wealth


LM of Crime by Wealth
Crime
2000
1500
1000
500
3000
4000
5000
6000
7000
Wealth

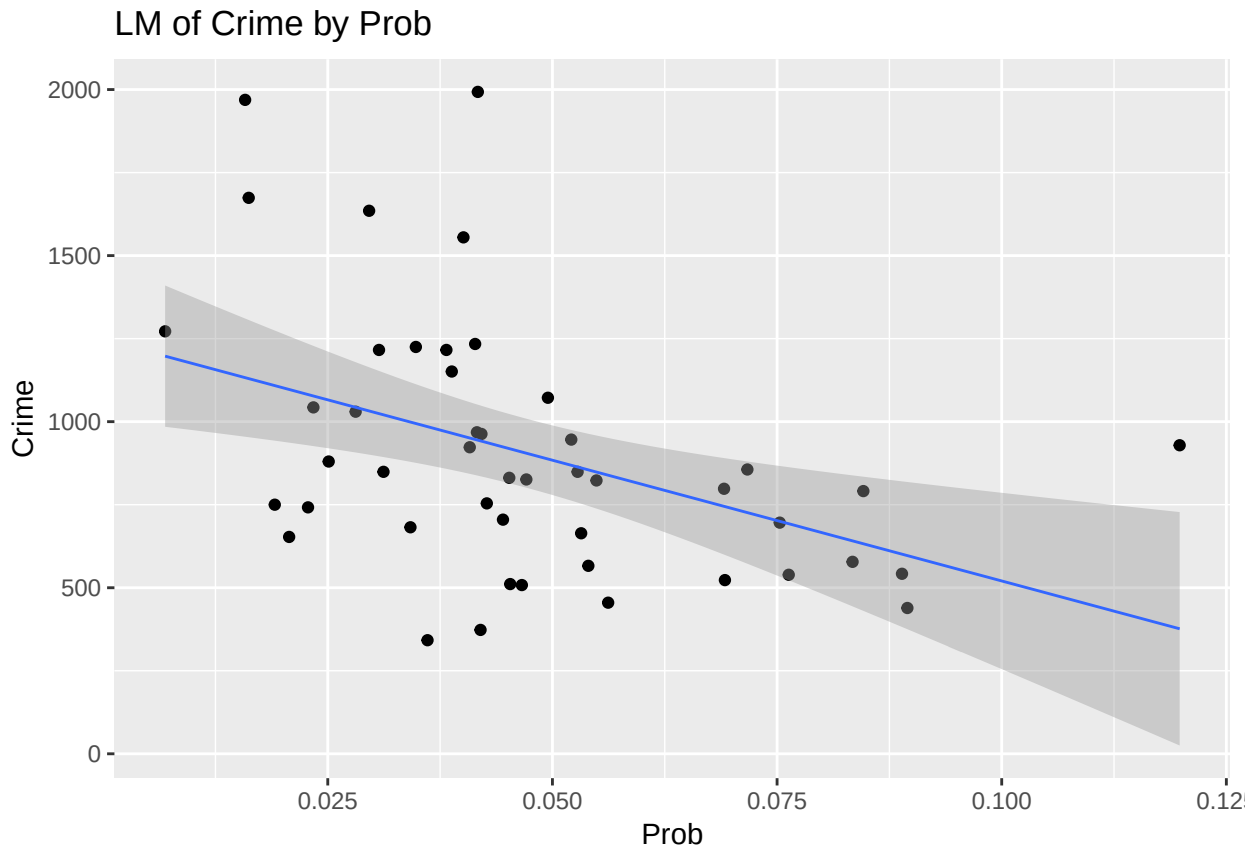

LM of log(Crime) by Wealth
log(Crime)
7.5
7.0
6.5
6.0
3000
4000
5000
6000
7000
Wealth

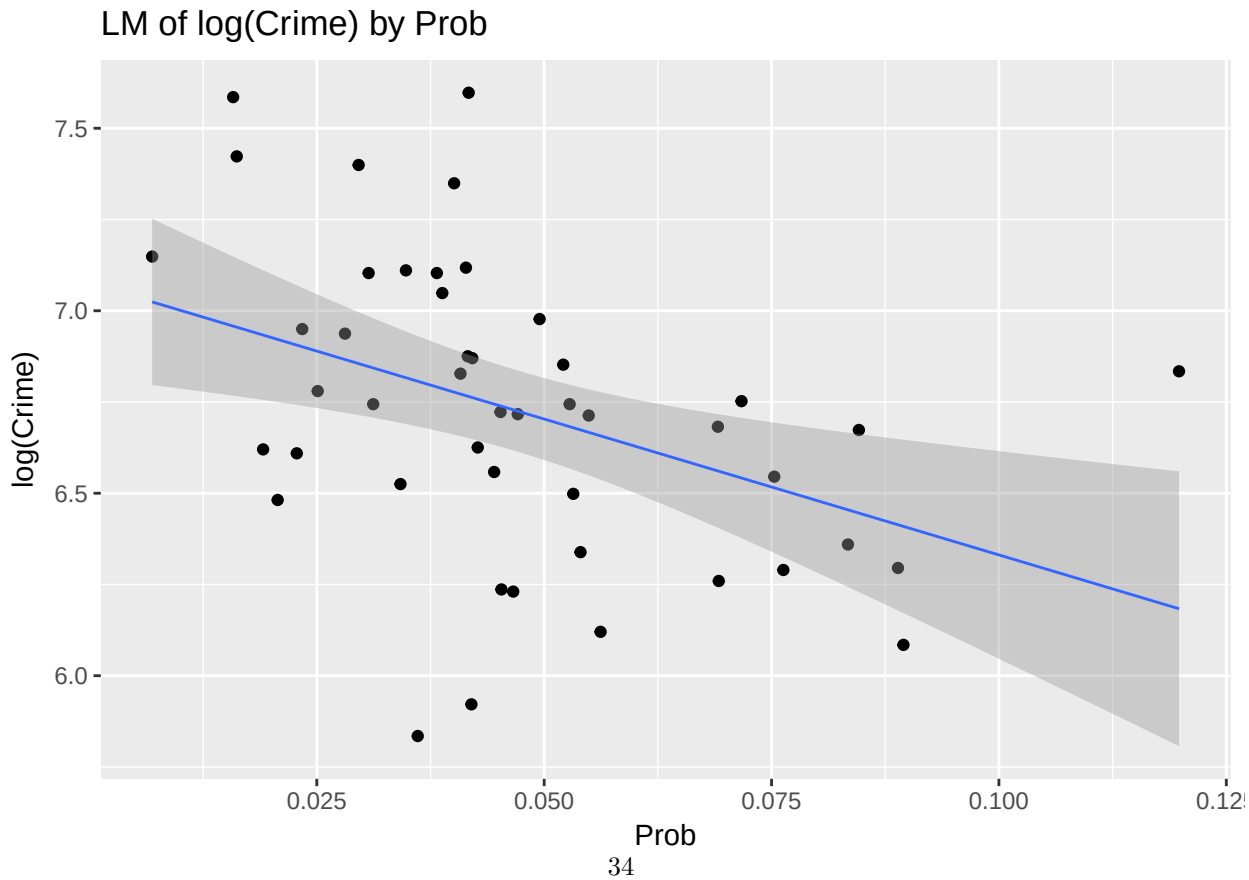
Ineq


LM of Crime by Ineq
Crime
2000
1500
1000
500
12
16
20
24
28
Ineq


LM of log(Crime) by Ineq
log(Crime)
7.5
7.0
6.5
6.0
12
16
20
24
28
Ineq

Prob


LM of Crime by Prob
Crime
2000
1500
1000
500
0
0.025
0.050
0.075
0.100
Prob


LM of log(Crime) by Prob
log(Crime)
7.5
7.0
6.5
6.0
0.025
0.050
0.075
0.100
Prob