

# Lott and Mustard Replication Assignment

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## 1 Introduction

## 2 Analysis and Results

Table 1: Replication of Table 1

Variable	Standard Deviation of State Means	Mean of Within-State Standard Deviations
Violent Crime Rate	306.62	78.19
Property Crime Rate	1135.99	422.15
Murder Crime Rate	6.19	1.50
Rape Crime Rate	13.26	6.37
Robbery Crime Rate	171.87	28.81
Assault Crime Rate	144.28	57.62
Burglary Crime Rate	372.52	181.39
Larceny Crime Rate	705.73	260.55
Autotheft Crime Rate	210.57	82.24
Violent Arrest Rate	10.38	10.54
Property Arrest Rate	3.07	3.23
Murder Arrest Rate	17.26	29.23
Rape Arrest Rate	11.15	10.65
Assault Arrest Rate	11.42	10.81
Robbery Arrest Rate	8.83	8.09
Burglary Arrest Rate	3.08	3.20
Larceny Arrest Rate	3.42	3.49
Autotheft Arrest Rate	10.67	31.62

Table 2: Replication of Table 2

Variable	N	Mean	Standard Deviation
Shalll	816	0.19	0.39
Violent Arrest Rate	802	41.09	22.20
Property Arrest Rate	809	16.92	4.68
Murder Arrest Rate	806	91.30	55.94
Rape Arrest Rate	799	41.02	17.39
Assault Arrest Rate	809	44.62	16.98
Robery Arrest Rate	808	31.46	13.59
Burglary Arrest Rate	809	13.80	4.57
Larceny Arrest Rate	809	18.54	5.20
Autotheft Arrest Rate	808	22.35	37.61
Violent Crime Rate	816	483.93	318.94
Property Crime Rate	816	4618.34	1210.46
Murder Crime Rate	816	7.77	6.88
Rape Crime Rate	816	33.98	15.07
Robbery Crime Rate	816	163.42	176.25
Assault Crime Rate	816	278.76	159.65
Burglary Crime Rate	816	1239.34	417.76
Larceny Crime Rate	816	2968.71	751.02
Autotheft Crime Rate	816	410.30	231.15
Personal Income Rpc	816	9351.82	4689.70
Unemployment Insurance Rpc	816	50.02	38.08
Income Maintenance Rpc	816	115.28	70.95
Retirement Payments Rpc	816	1002.23	546.47
State Population	816	4646787.34	5010349.87

### 3 Conclusion