

Temporal Crime Trends at the Johns Hopkins East Baltimore Campus

Shannon Wongvibulsin

October 23, 2017

Supplemental Materials

	Frequency
Aggravated Assault	1
Assault	83
Auto Theft	1
Bomb Threat	2
Drug Violation	1
Forgery	5
Hate Crime	1
Sex Offense	2
Theft	154
Theft From Vehicle	12
Trespassing	6
Vandalism	18
Weapons Violation	1

Supplemental Table 1: 2015 Crime Types and Frequencies

	Frequency
Aggravated Assault	2
Arson	1
Assault	87
Assault/Domestic Violence	2
Auto Theft	2
Bomb Threat	1
Burglary	2
CDS Violation	1
Disorderly Conduct	7
Drug Violation	7
Forgery	1
Homicide/Aggravated Assault	1
Rape	1
Robbery	13
Sex Offense	1
Stalking	1
Theft	152
Theft from Auto	18
Theft of Auto (Attempted)	1
Trespassing	1
Vandalism	25
Weapons Violation	4

Supplemental Table 2: 2016 Crime Types and Frequencies

	Frequency
Aggravated Assault	4
Aggravated Assault/ Domestic Violence	1
Armed Robbery (Attempted)	1
Assault	65
Assault (Domestic)	1
Assault by Threat	1
Assault/Domestic Violence	9
Assault/Hate Crime	1
Auto Theft	1
Bomb Threat	2
Burglary	1
CDS Violation	1
Destruction of Property	6
Disorderly Conduct	11
Domestic Violence	1
Drug Violation	3
Fondling	1
Forgery	3
Fraud	1
Information Only	1
Robbery	5
Stalking	2
Tampering	1
Theft	115
Theft from Auto	26
Theft from Auto; Destruction of Property	3
Trespassing	14
Vandalism	7
Weapons Violation	1

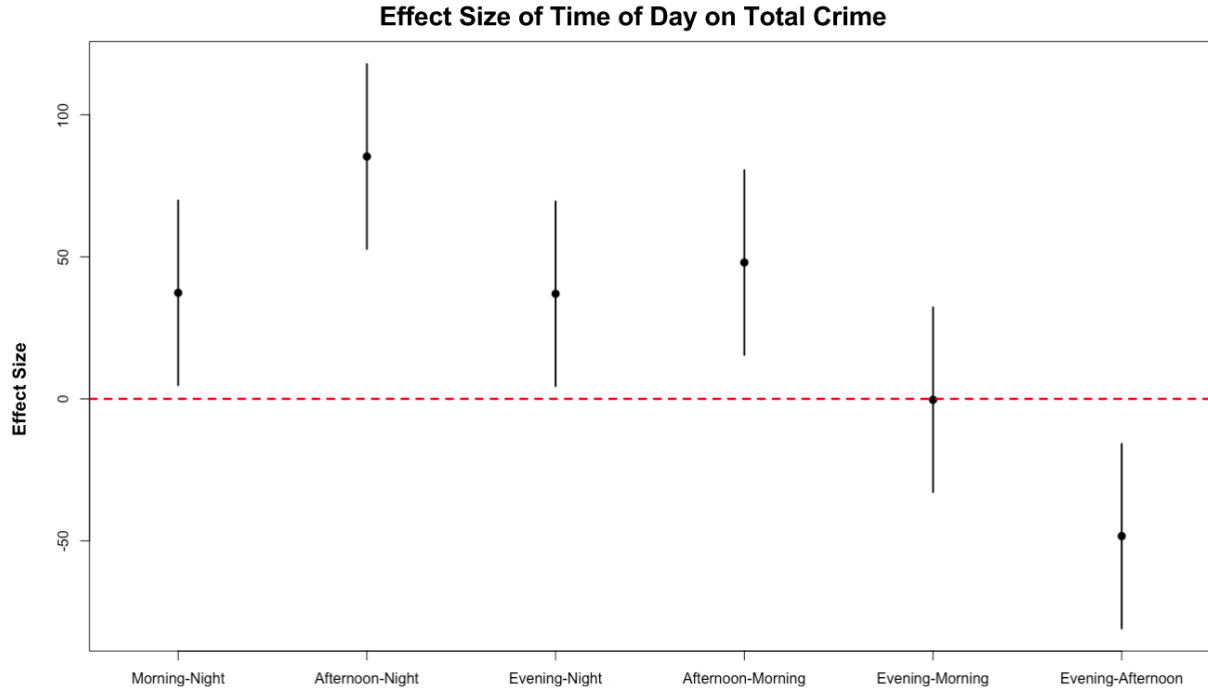
Supplemental Table 3: 2017 Crime Types and Frequencies



Supplemental Figure 1: Effect Size of Day of Week on Total Crime: dot on each bar represents the effect size and the bar denotes the 95% confidence interval (M: Monday, T: Tuesday, W: Wednesday, Th: Thursday, S: Saturday, Su: Sunday)

	Effect Size	Lower	Upper	p-value
Tuesday-Monday	1.67	-17.23	20.57	1.00
Wednesday-Monday	7.33	-11.57	26.23	0.83
Thursday-Monday	2.00	-16.90	20.90	1.00
Friday-Monday	-3.33	-22.23	15.57	1.00
Saturday-Monday	-25.33	-44.23	-6.43	0.01
Sunday-Monday	-27.67	-46.57	-8.77	0.00
Wednesday-Tuesday	5.67	-13.23	24.57	0.94
Thursday-Tuesday	0.33	-18.57	19.23	1.00
Friday-Tuesday	-5.00	-23.90	13.90	0.97
Saturday-Tuesday	-27.00	-45.90	-8.10	0.00
Sunday-Tuesday	-29.33	-48.23	-10.43	0.00
Thursday-Wednesday	-5.33	-24.23	13.57	0.95
Friday-Wednesday	-10.67	-29.57	8.23	0.50
Saturday-Wednesday	-32.67	-51.57	-13.77	0.00
Sunday-Wednesday	-35.00	-53.90	-16.10	0.00
Friday-Thursday	-5.33	-24.23	13.57	0.95
Saturday-Thursday	-27.33	-46.23	-8.43	0.00
Sunday-Thursday	-29.67	-48.57	-10.77	0.00
Saturday-Friday	-22.00	-40.90	-3.10	0.02
Sunday-Friday	-24.33	-43.23	-5.43	0.01
Sunday-Saturday	-2.33	-21.23	16.57	1.00

Supplemental Table 4: results of the Tukey significance testing for the impact of day of week on total crime: effect size, lower and upper endpoints of the 95% confidence intervals, and the p-values adjusted for multiple comparisons



Supplemental Figure 2: Effect Size of Time of Day on Total Crime: dot on each bar represents the effect size and the bar denotes the 95% confidence interval

	Effect Size	Lower	Upper	p-value
Morning-Night	37.33	4.80	69.87	0.03
Afternoon-Night	85.33	52.80	117.87	0.00
Evening-Night	37.00	4.46	69.54	0.03
Afternoon-Morning	48.00	15.46	80.54	0.01
Evening-Morning	-0.33	-32.87	32.20	1.00
Evening-Afternoon	-48.33	-80.87	-15.80	0.01

Supplemental Table 5: results of the Tukey significance testing for the impact of the time of day on total crime: effect size, lower and upper endpoints of the 95% confidence intervals, and the p-values adjusted for multiple comparisons