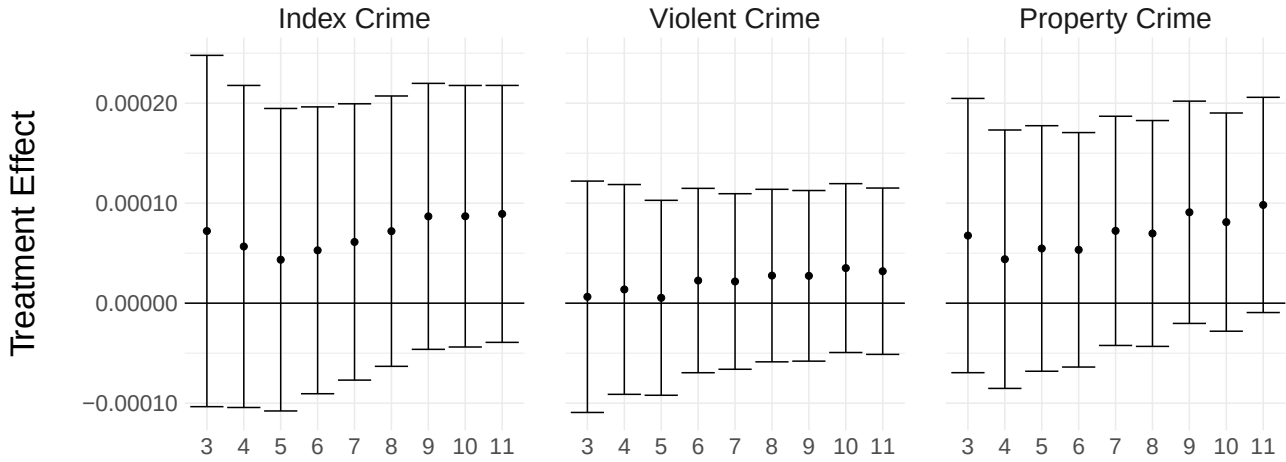


Online Appendix Material

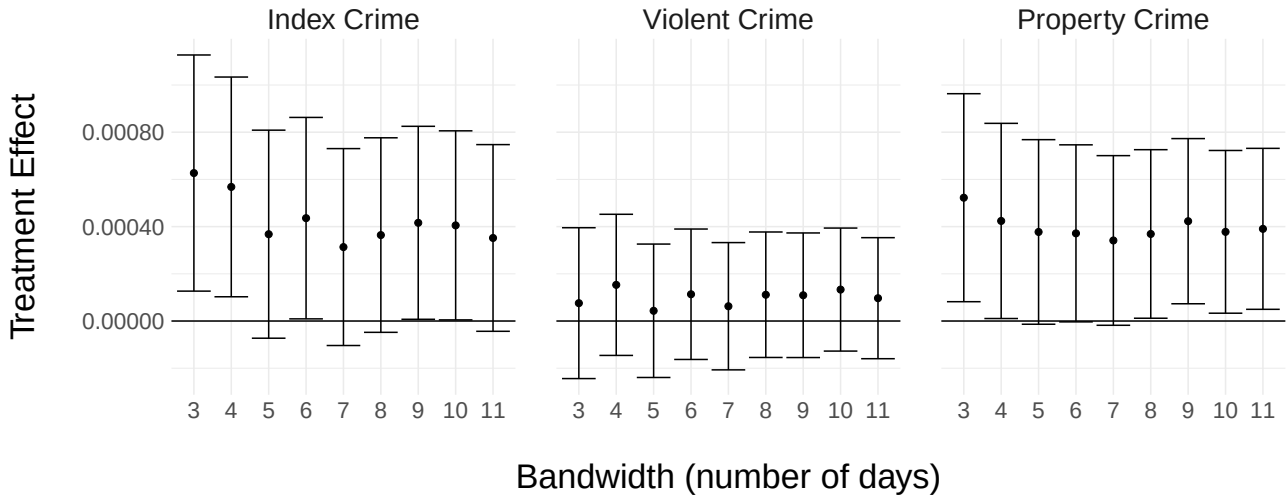
Appendix Figure 1A:

Robustness of Estimated Treatment Effects to Post-Period Bandwidth Selection: Index, Property and Violent Crimes

Panel A: Affected Segment



Panel B: Segments within 500 feet

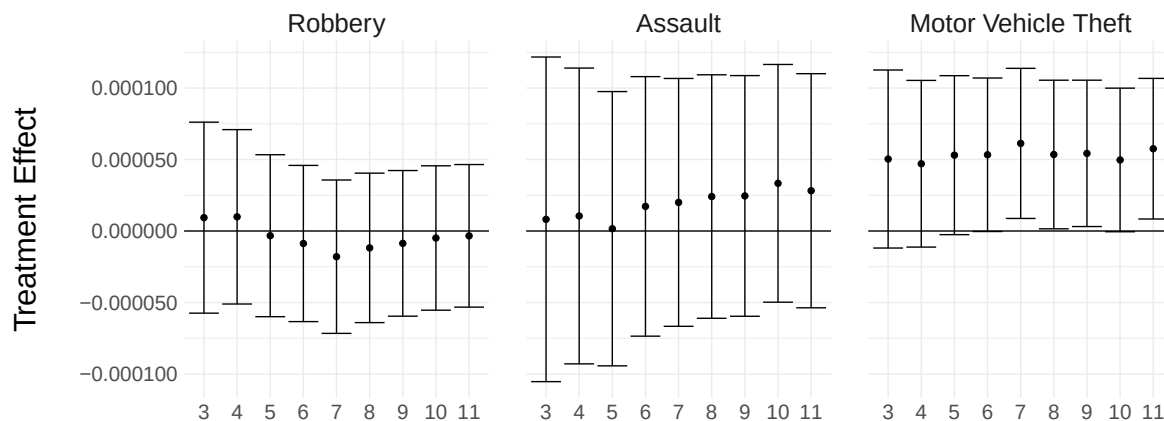


Bandwidth (number of days)

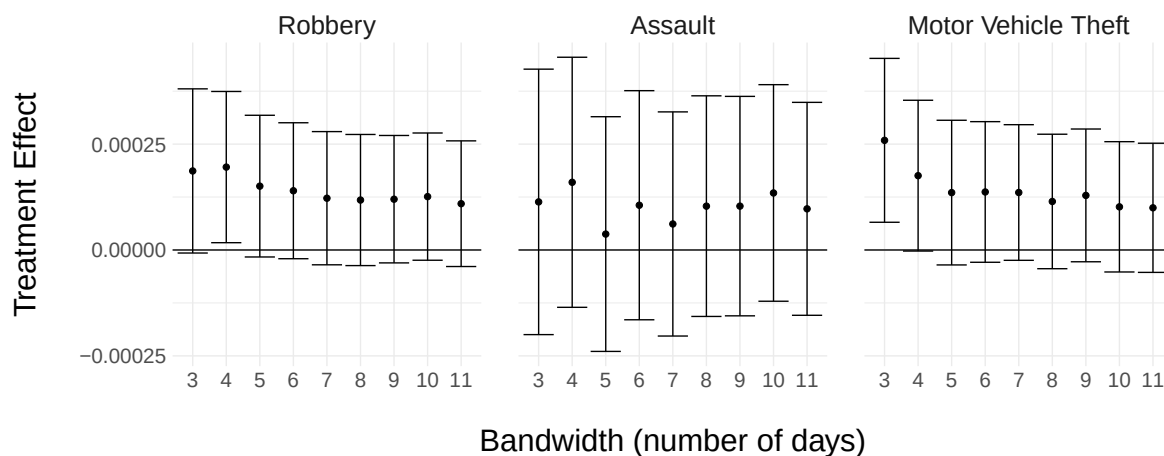
Note: Figures test the robustness of our results to bandwidth selection, varying the length of the post-repair bandwidth to be between 3 and 11 days. Panel A presents estimates for the street segment affected by major street light outages; Panel B presents estimates for street segments within 500 feet of the affected segment. For each of the selected bandwidths, we plot the point estimate as well as the associated 95 percent confidence interval.

Appendix Figure 1B:
Robustness of Estimated Treatment Effects to Post-Period Bandwidth Selection: Individual Crime Types

Panel A: Affected Segment



Panel B: Segments within 500 feet



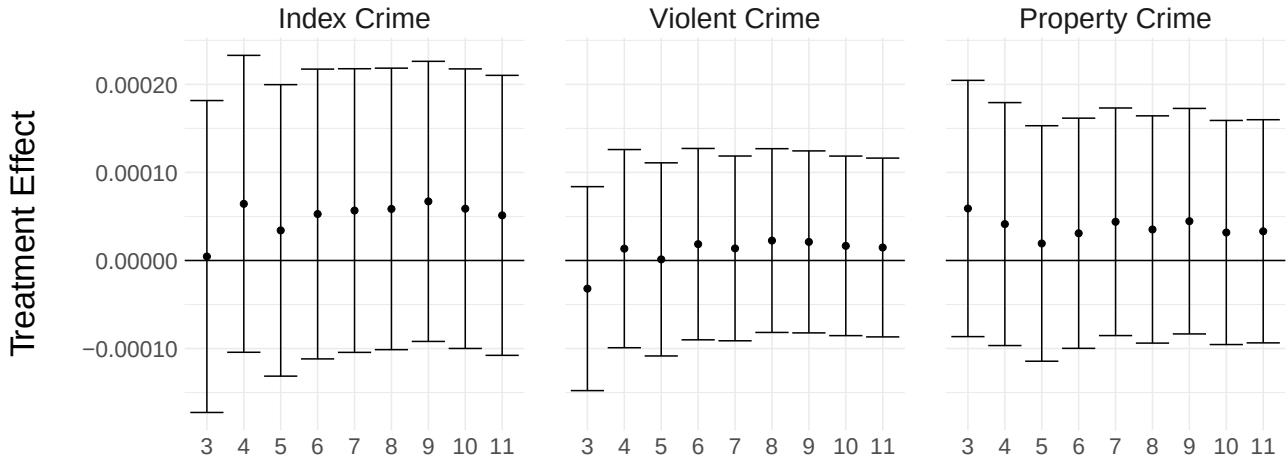
Bandwidth (number of days)

Note: Figures test the robustness of our results to bandwidth selection, varying the length of the post-repair bandwidth to be between 3 and 11 days. Panel A presents estimates for the street segment affected by major street light outages; Panel B presents estimates for street segments within 500 feet of the affected segment. For each of the selected bandwidths, we plot the point estimate as well as the associated 95 percent confidence interval.

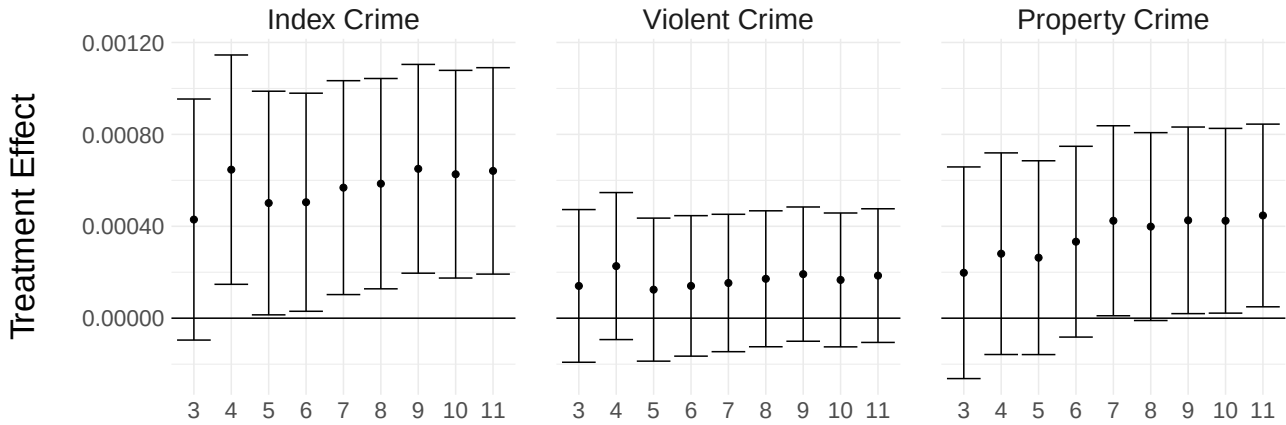
Appendix Figure 2A:

Robustness of Estimated Treatment Effects to Pre-Period Bandwidth Selection: Index, Property and Violent Crimes

Panel A: Affected Segment



Panel B: Segments within 500 feet

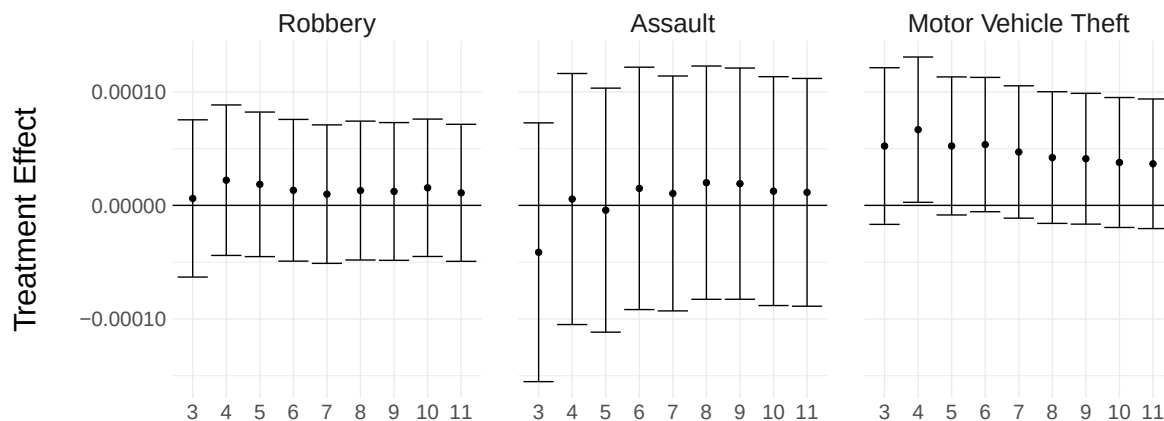


Bandwidth (number of days)

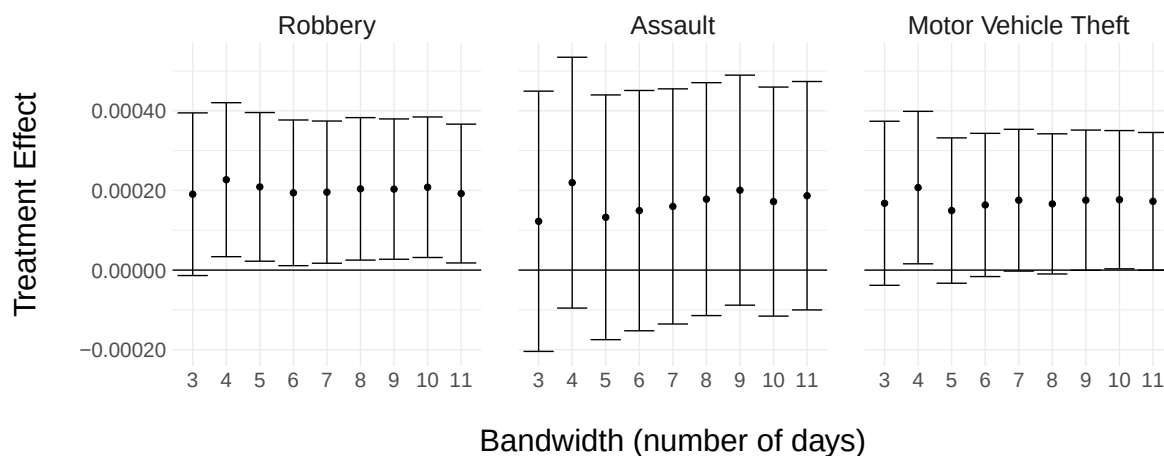
Note: Figures test the robustness of our results to bandwidth selection, varying the length of the pre-repair bandwidth to be between 3 and 11 days. Panel A presents estimates for the street segment affected by major street light outages; Panel B presents estimates for street segments within 500 feet of the affected segment. For each of the selected bandwidths, we plot the point estimate as well as the associated 95 percent confidence interval.

Appendix Figure 2B:
Robustness of Estimated Treatment Effects to Pre-Period Bandwidth Selection: Individual Crime Types

Panel A: Affected Segment



Panel B: Segments within 500 feet



Bandwidth (number of days)

Note: Figures test the robustness of our results to bandwidth selection, varying the length of the post-repair bandwidth to be between 3 and 11 days. Panel A presents estimates for the street segment affected by major street light outages; Panel B presents estimates for street segments within 500 feet of the affected segment. For each of the selected bandwidths, we plot the point estimate as well as the associated 95 percent confidence interval.

Appendix Table 1A: Poisson: Index, Violent, and Property

Index		Violent Crime			Property Crime		
Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet
$\hat{\beta}$	0.01687	0.00852	0.01749	0.01974	0.03294*		
$Se(\hat{\beta})$	0.02443	0.03811	0.01894	0.02965	0.01626		
(a) Major Street Light Outages							
Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet
$\hat{\beta}$	-0.00144	0.02313	0.02534	-0.04677	-0.01183		
$Se(\hat{\beta})$	0.01609	0.04762	0.02471	0.03808	0.01891		
(b) Minor Street Light Outages							

Appendix Table 1B: Poisson: Robbery, Assault, and Motor Vehicle Theft

Robbery			Assault		Motor Vehicle Theft	
Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Segments Within 500 Feet
$\hat{\beta}$	0.02200	0.06955*	0.00617	0.01948	0.09124	0.05985
$Se(\hat{\beta})$	0.06573	0.03234	0.03910	0.01950	0.05759	0.03078
(a) Major Street Light Outages						
Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Affected Segment	Segments Within 500 Feet	Segments Within 500 Feet
$\hat{\beta}$	-0.03749	0.02125	0.02922	0.03395	-0.04290	-0.01318
$Se(\hat{\beta})$	0.07878	0.03949	0.04826	0.02538	0.07967	0.03986
(b) Minor Street Light Outages						