

TBD*

TBD

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19 February 2021

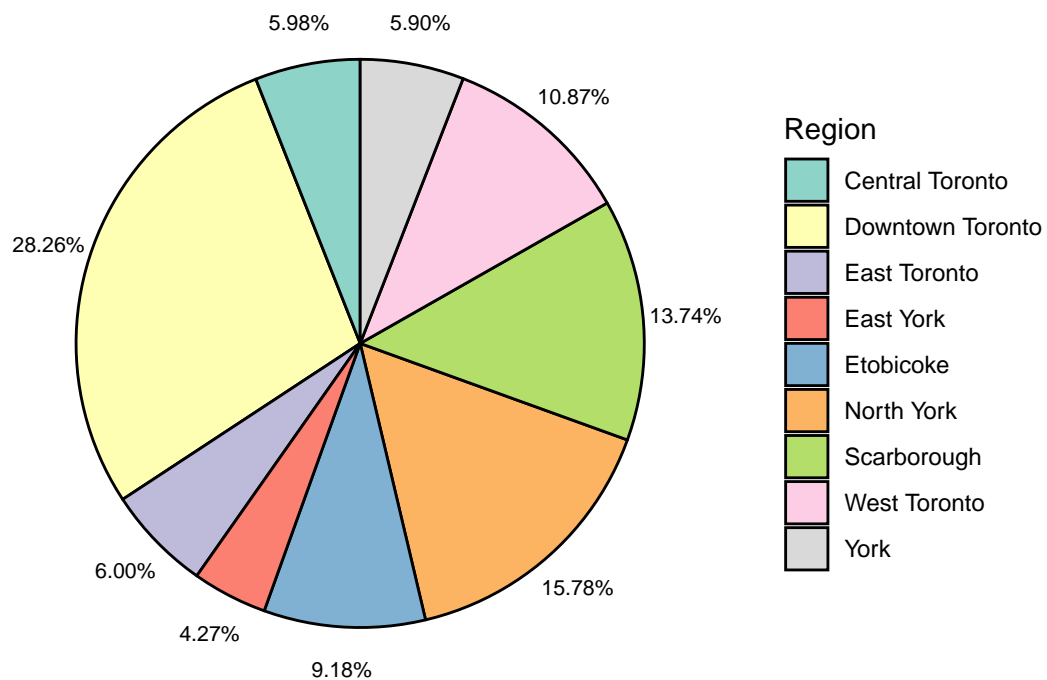
Abstract

First sentence. Second sentence. Third sentence. Fourth sentence.

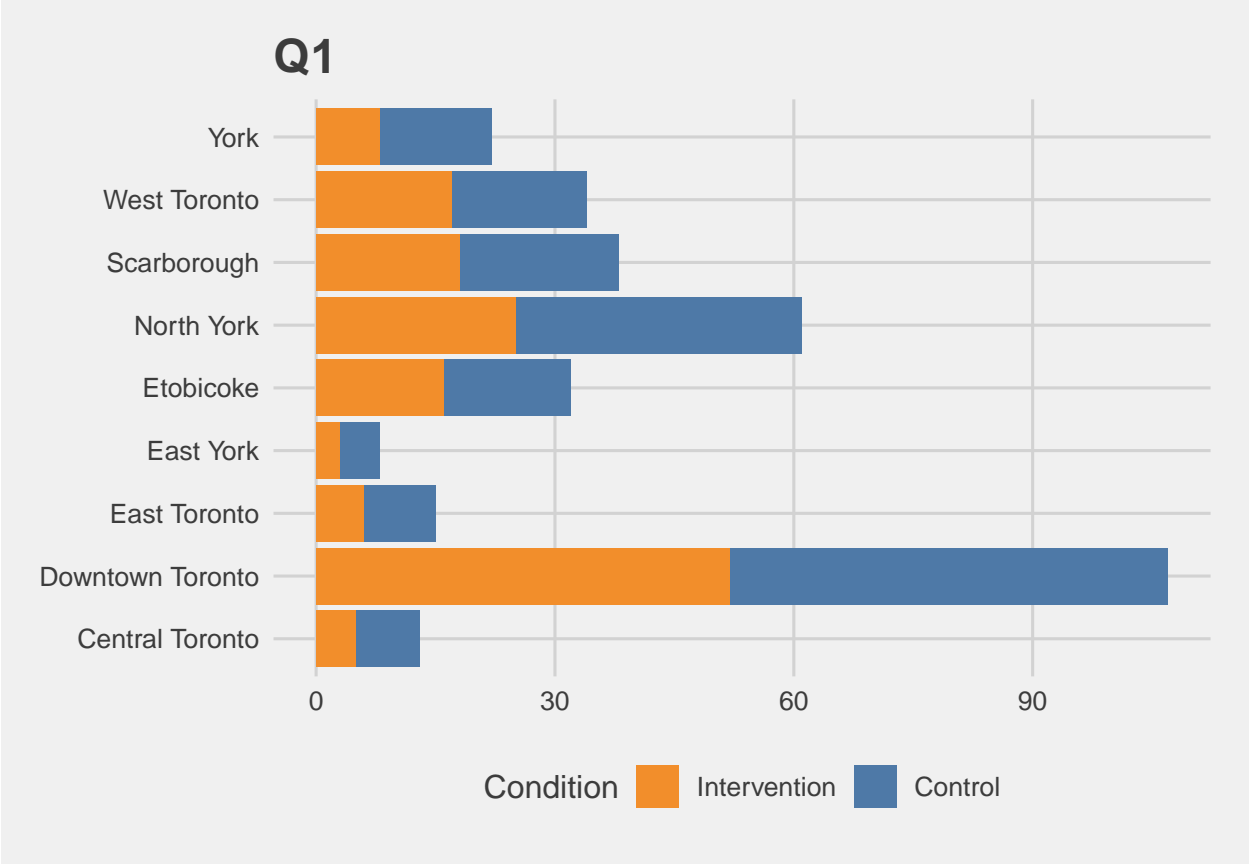
1 Data

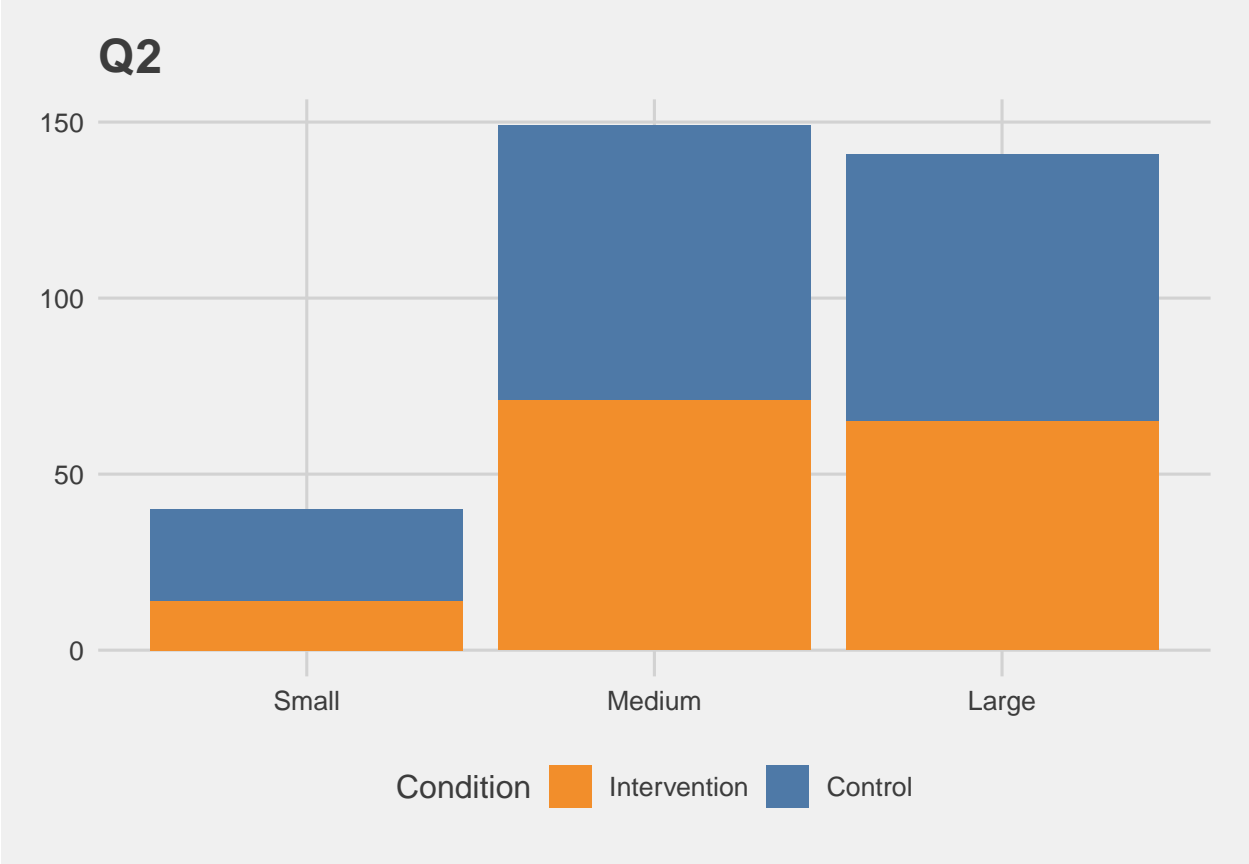
1.1 Sample Characteristics

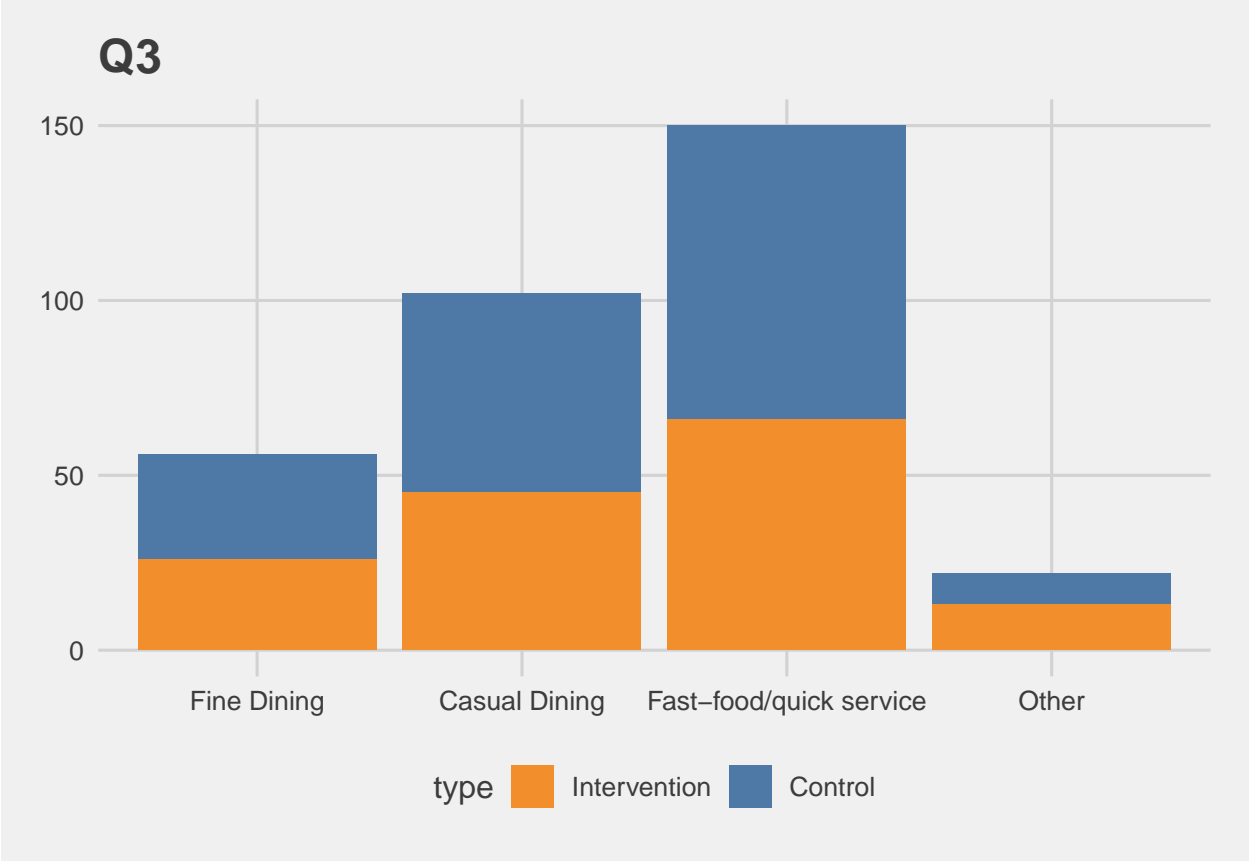
Proportion of Restaurants in Toronto by Borough

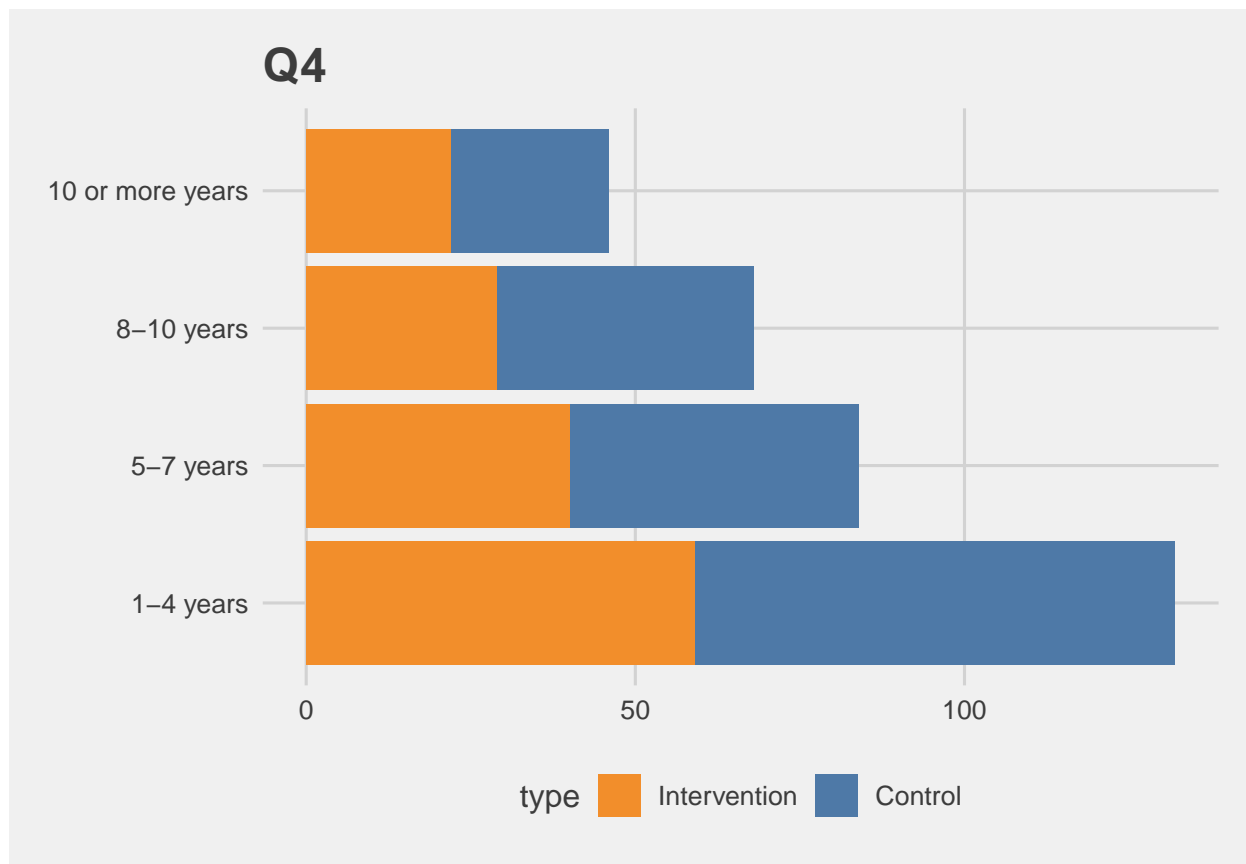


*Code and data are available at: [LINK](#).









1.2 Effects of Intervention on Number of Employees

Intervention Group	# of Employees Prior to Intervention	Current # of Employees
Control	30.18889	30.02778
Treated	30.66000	19.76667

Note:

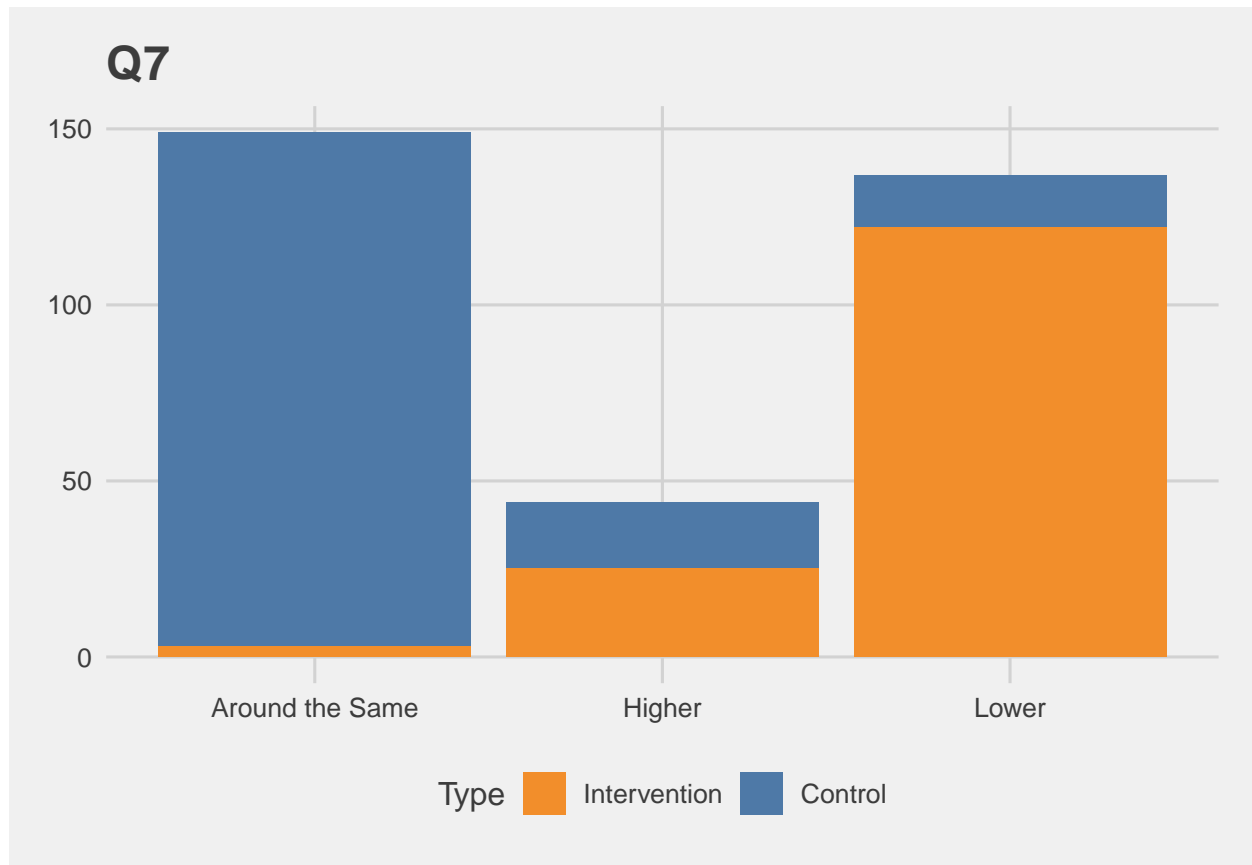
Change in # of employees before and after intervention period (Q5 + Q6)

```
##
## Welch Two Sample t-test
##
## data: control_q5 and treatment_q5
## t = -0.85725, df = 318.98, p-value = 0.392
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
## -1.5523345 0.6101123
## sample estimates:
## mean of x mean of y
## 30.18889 30.66000

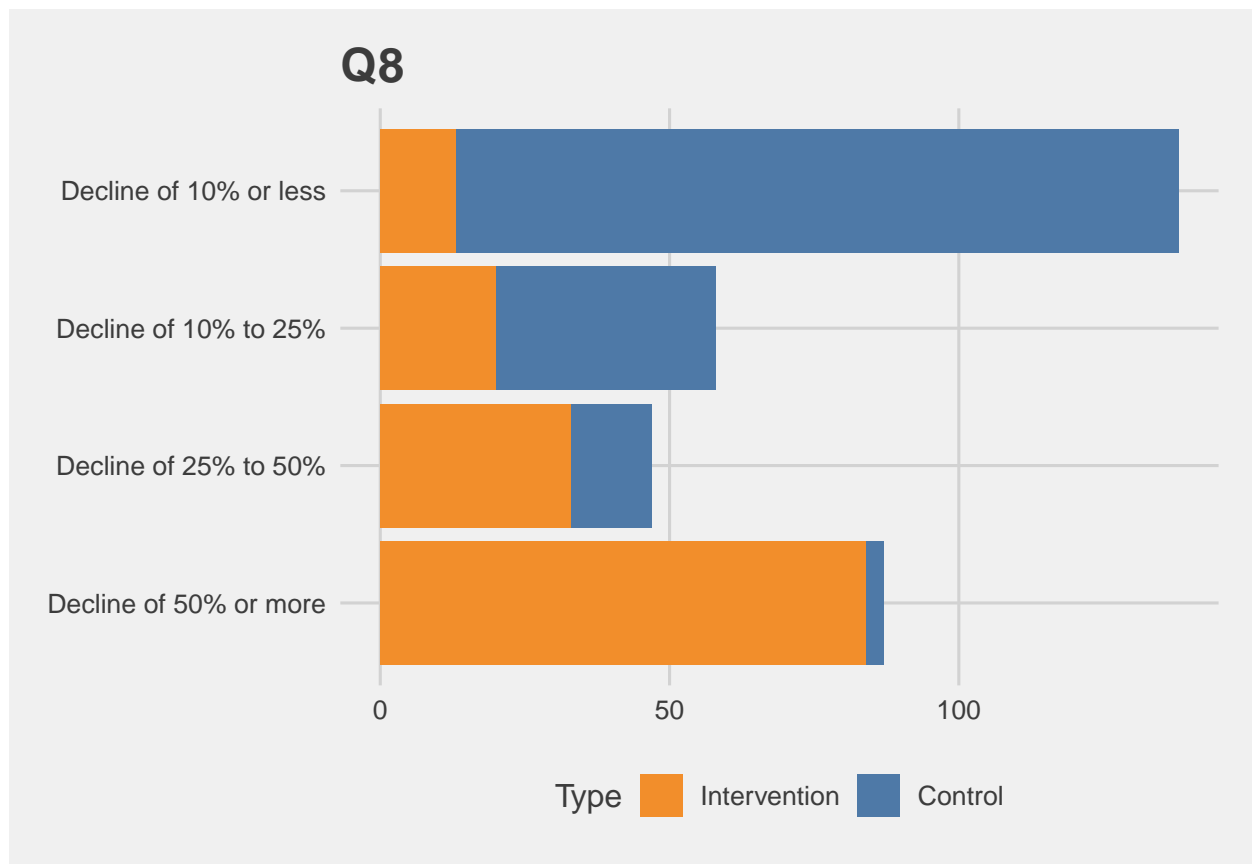
##
## Welch Two Sample t-test
##
```

```
## data: control_q6 and treatment_q6
## t = 19.457, df = 327.98, p-value < 2.2e-16
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
## 9.223663 11.298559
## sample estimates:
## mean of x mean of y
## 30.02778 19.76667
```

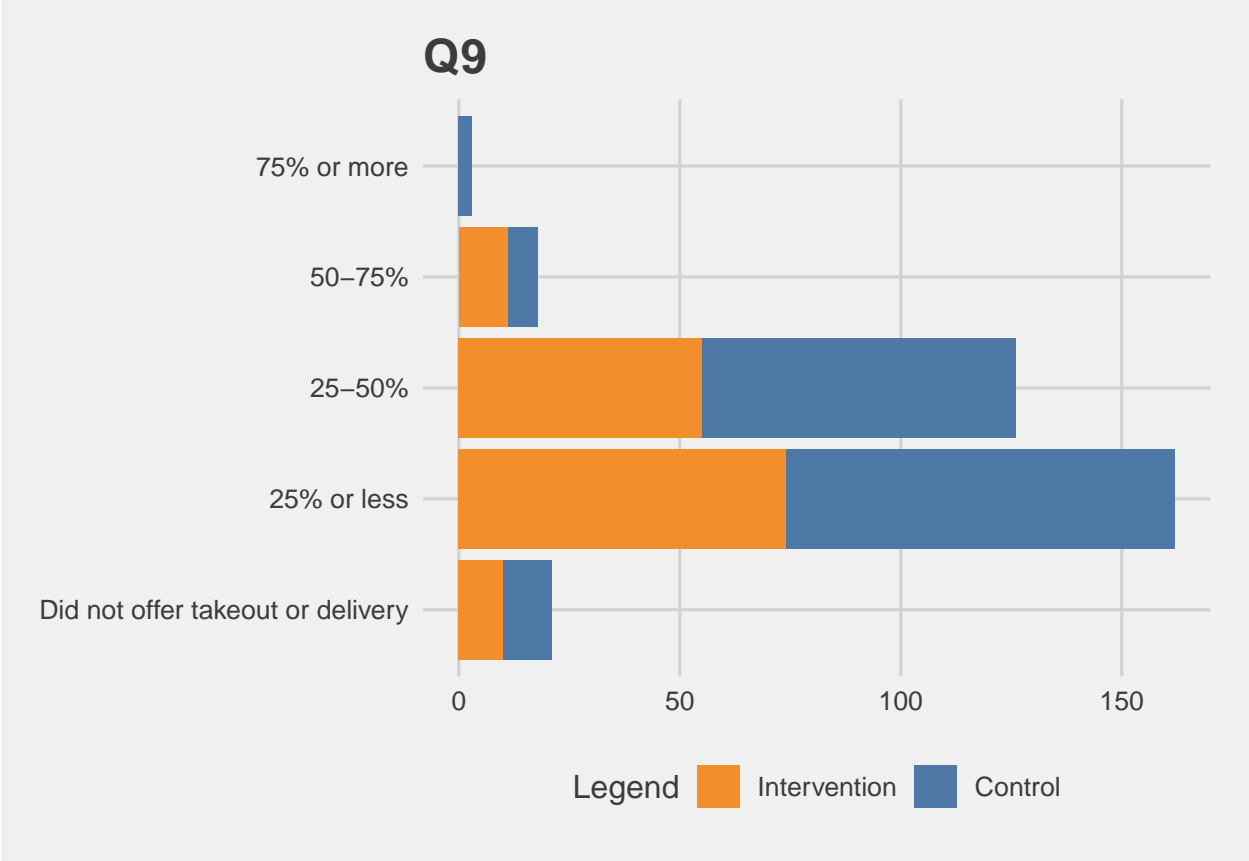
1.3 Effects of Intervention on Revenue



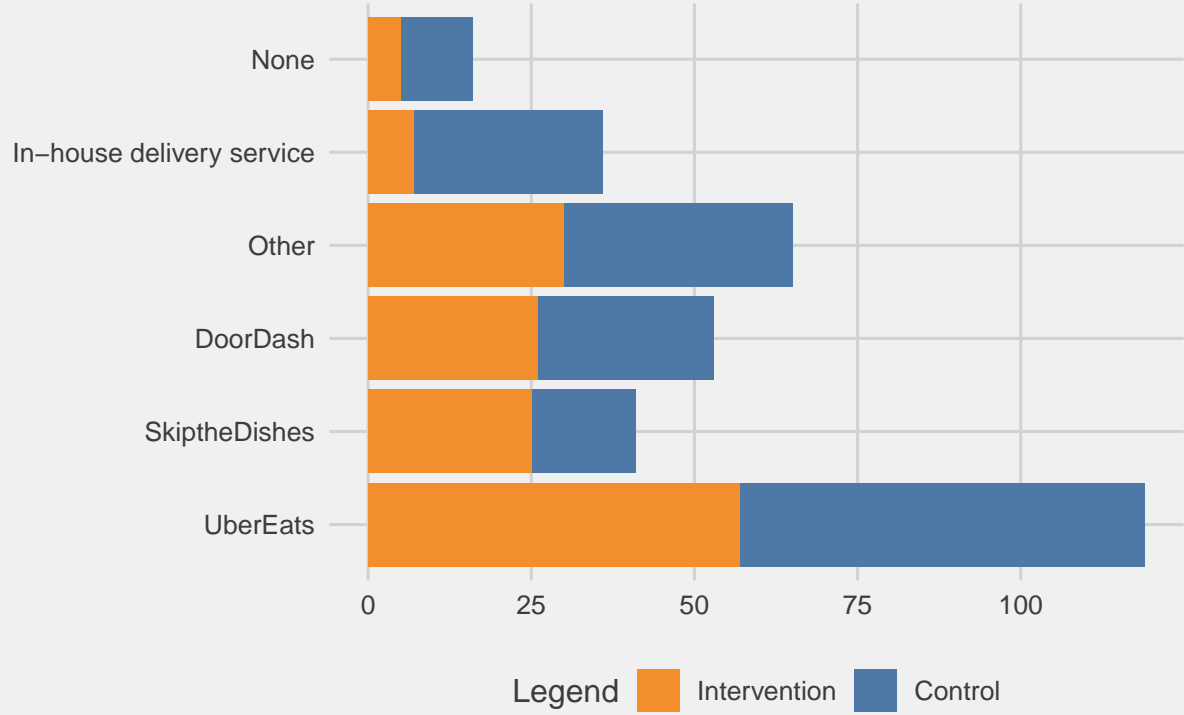
```
##
## Pearson's Chi-squared test
##
## data: q7_chi
## X-squared = 220.73, df = 2, p-value < 2.2e-16
```



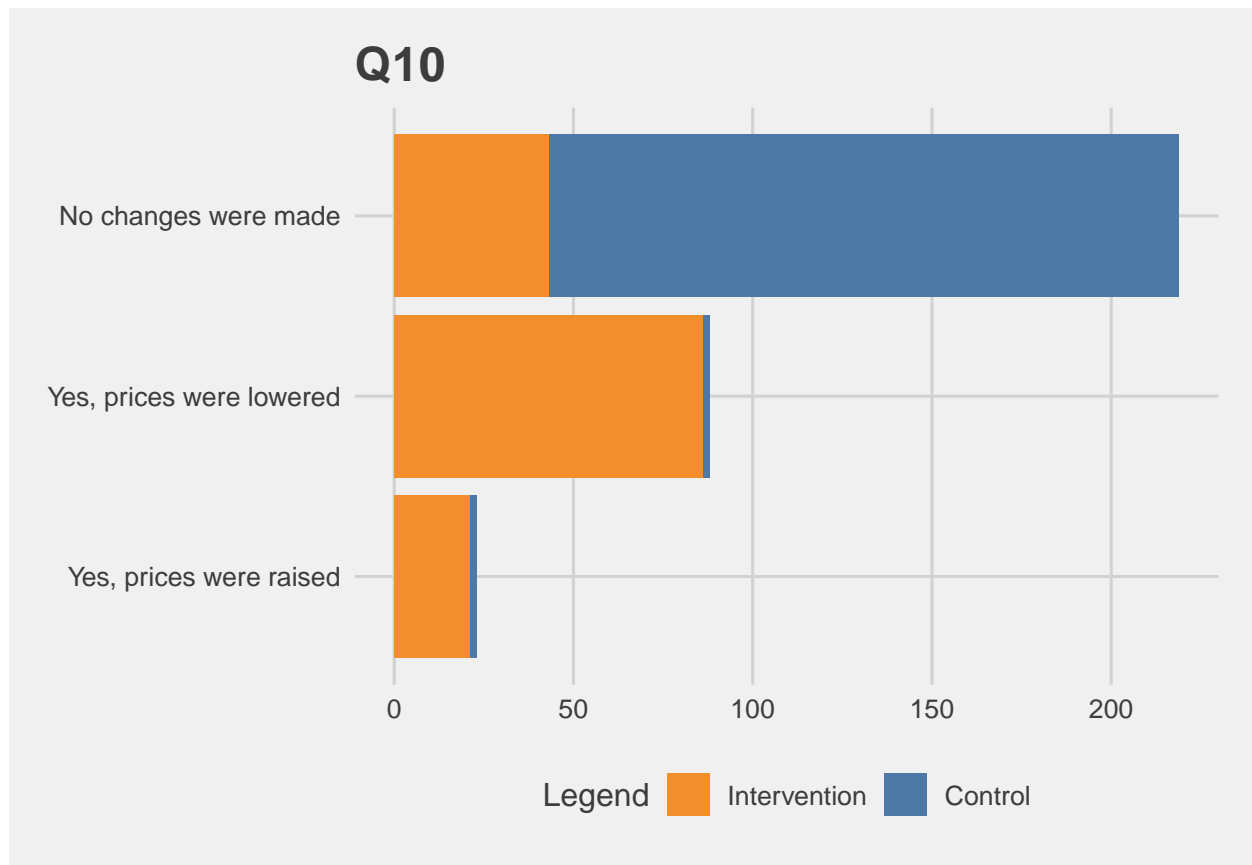
```
##  
## Pearson's Chi-squared test  
##  
## data:  q8_chi  
## X-squared = 178.33, df = 3, p-value < 2.2e-16
```



Q11

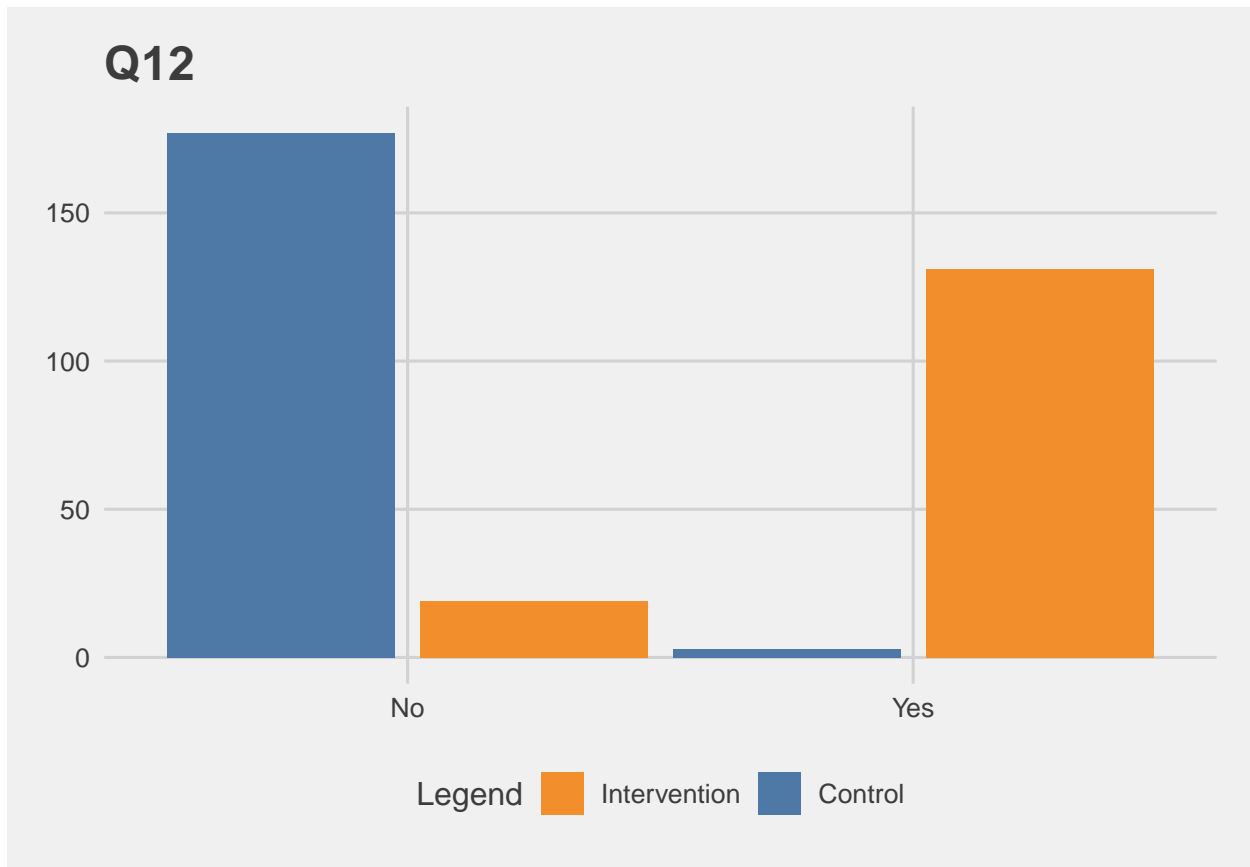


1.4 Effects on Menu Prices



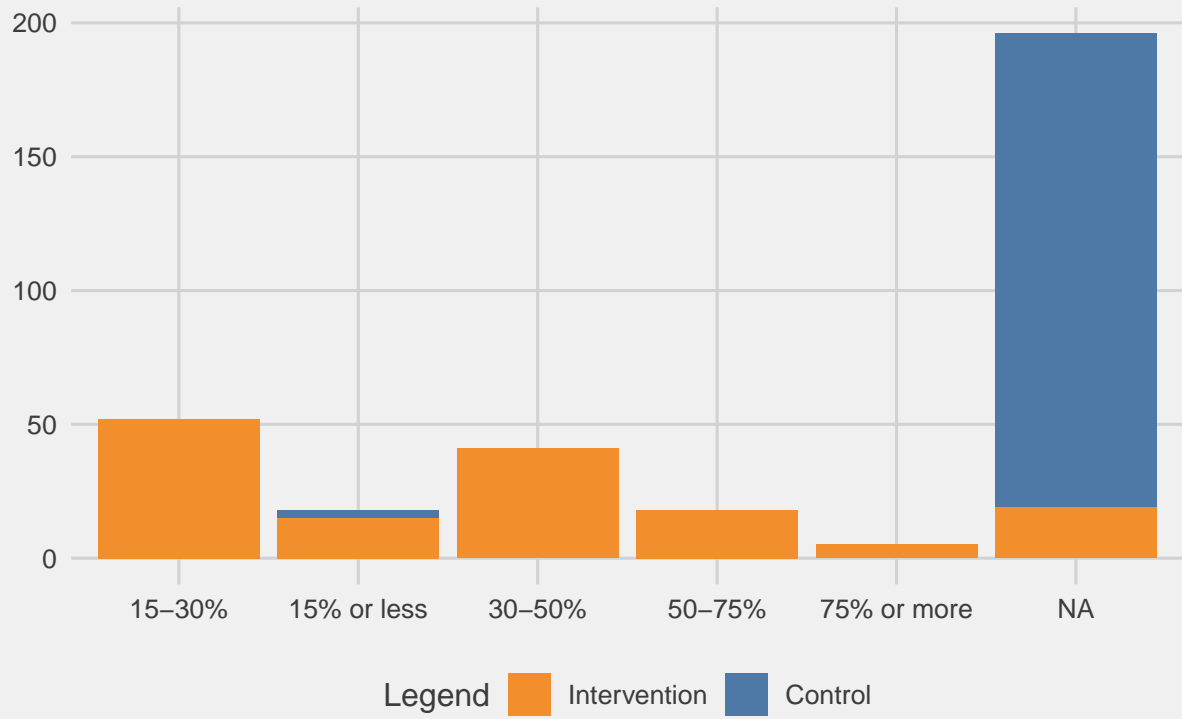
```
##
## Pearson's Chi-squared test
##
## data:  q10_chi
## X-squared = 175.37, df = 2, p-value < 2.2e-16
```

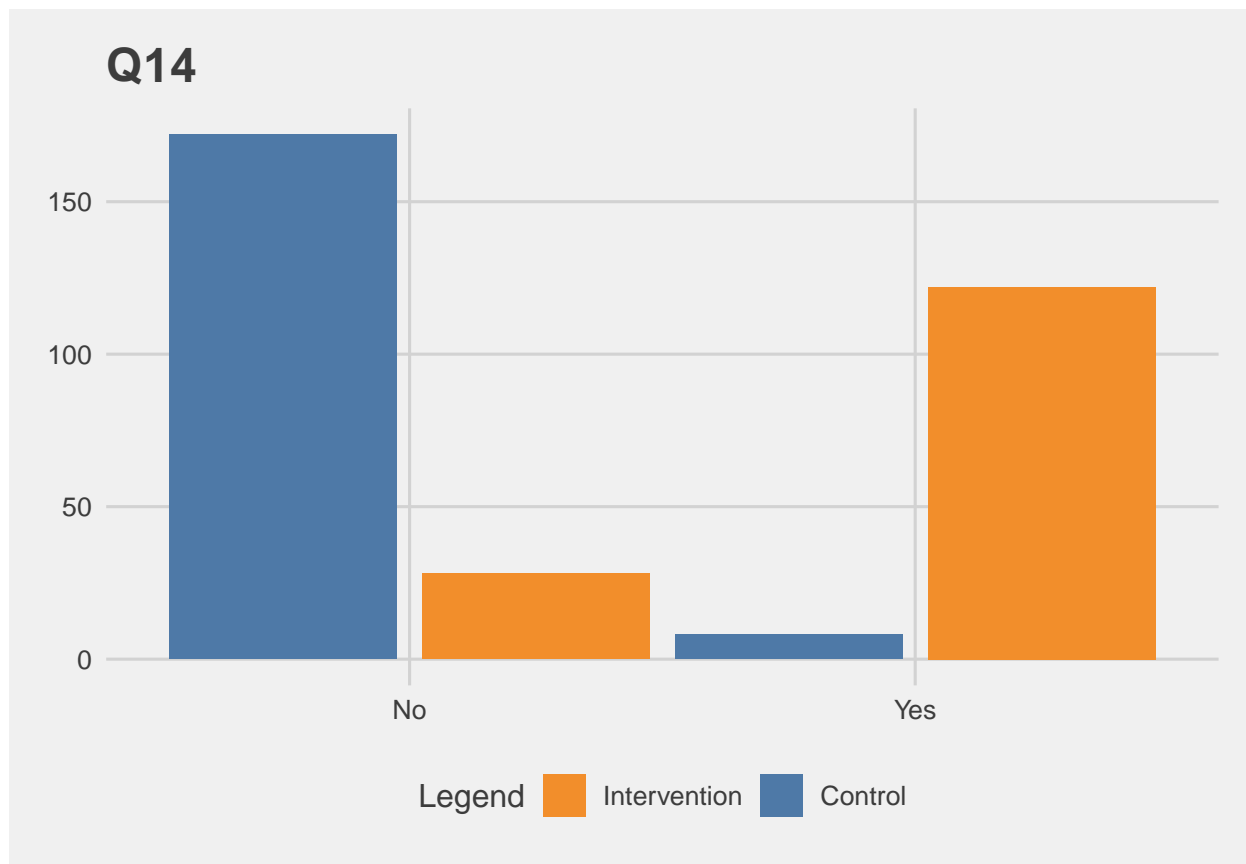
1.5 Effects on Hours/Days of Operation



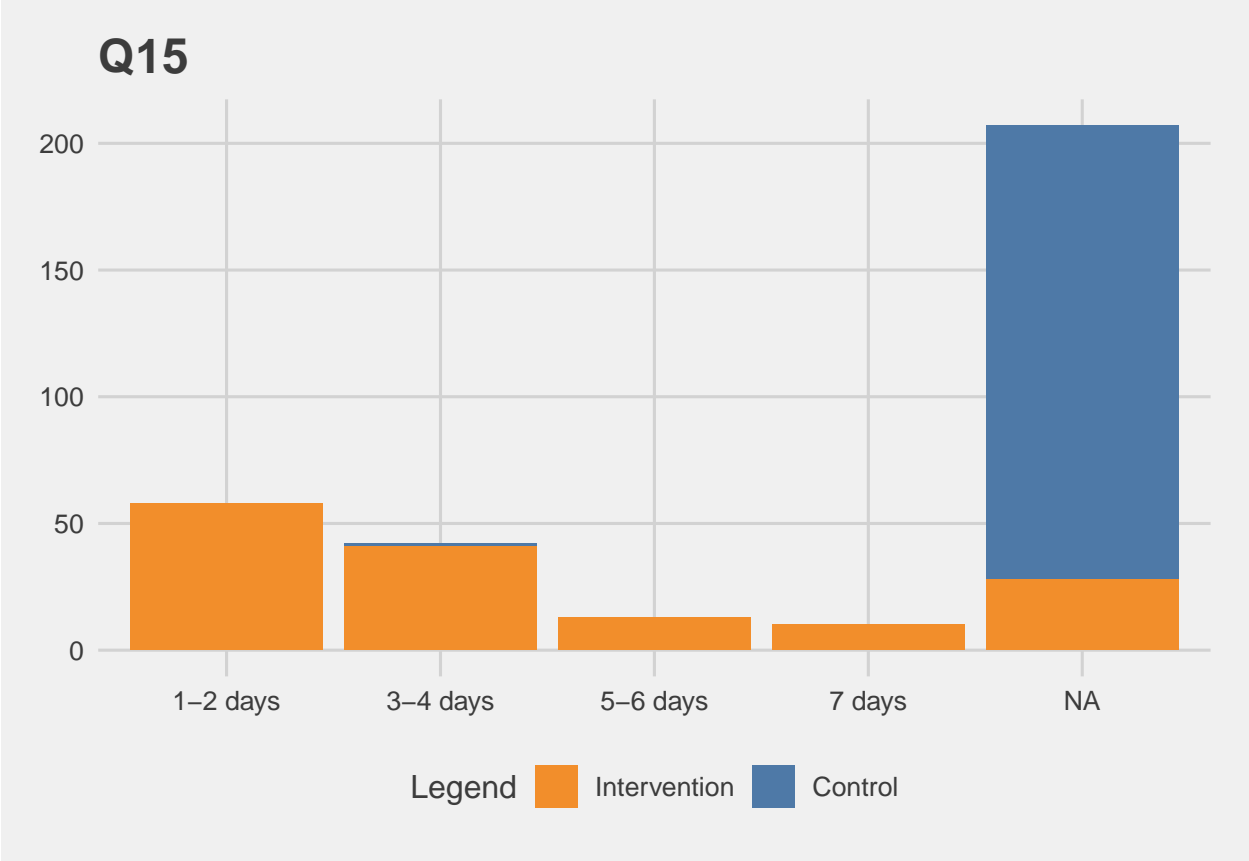
```
##  
## Pearson's Chi-squared test with Yates' continuity correction  
##  
## data:  q12_chi  
## X-squared = 245.43, df = 1, p-value < 2.2e-16
```

Q13





```
##  
## Pearson's Chi-squared test with Yates' continuity correction  
##  
## data:  q14_chi  
## X-squared = 199.39, df = 1, p-value < 2.2e-16
```



Appendix

2 References