Toronto_60410_2018_Day1to7.csv	2
Toronto_60410_2018_Day2to8.csv	3
Toronto_60410_2018_Day3to9.csv	4
Toronto_60410_2018_Day4to10.csv	5
Toronto_60410_2018_Day5to11.csv	6
Toronto_60410_2018_Day6to12.csv	7
Toronto_60410_2018_Day7to13.csv	8
Toronto_60410_2018_Day8to14.csv	9
Toronto_60410_2018_Day9to15.csv	10
Toronto_60410_2018_Day10to16.csv	11
Toronto_60410_2018_Day11to17.csv	12
Toronto_60410_2018_Day12to18.csv	13
Toronto_60410_2018_Day13to19.csv	14
Toronto_60410_2018_Day14to20.csv	15
Toronto_60410_2018_Day15to21.csv	
Toronto_60410_2018_Day200to206.csv	17
Toronto_60410_2018_Day201to207.csv	18
Toronto_60410_2018_Day202to208.csv	19
Toronto_60410_2018_Day203to209.csv	20
Toronto_60410_2018_Day204to210.csv	21
Toronto_60410_2018_Day205to211.csv	22
Toronto_60410_2018_Day206to212.csv	23
Toronto_60410_2018_Day207to213.csv	24
Toronto_60410_2018_Day208to214.csv	25
Toronto_60410_2018_Day209to215.csv	26
Toronto_60410_2018_Day210to216.csv	27
Toronto_60410_2018_Day211to217.csv	28
Toronto_60410_2018_Day212to218.csv	29
Toronto_60410_2018_Day213to219.csv	30
Toronto_60410_2018_Day214to220.csv	31

## Toronto 60410 2018 Day1to7.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day1to7.csv dataset used in CHM 135 Experiment 1.

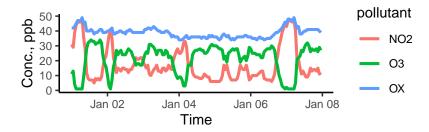


Figure 1: Time series of pollutant concentration.

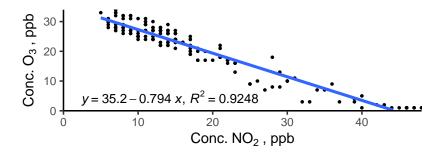


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	17.5	11.2	14	5	48
O3	21.4	9.2	24	1	34
OX	38.8	3.4	39	34	49
$ m NO2\_8hr$	17.2	9.6	14	6	45
$O3\_8hr$	21.5	7.8	24	1	33
$OX_8hr$	38.7	3.1	39	35	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day2to8.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day2to8.csv dataset used in CHM 135 Experiment 1.

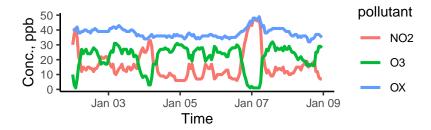


Figure 1: Time series of pollutant concentration.

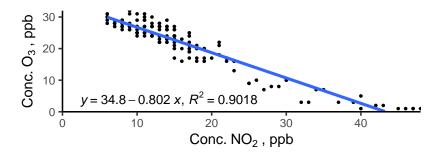


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	16.1	9.4	14	6	48
O3	21.8	8.0	25	1	32
OX	37.9	3.1	37	32	49
$\rm NO2\_8hr$	15.9	8.1	14	6	45
$\mathrm{O3}\_8\mathrm{hr}$	22.0	6.7	24	1	30
$OX_8hr$	37.9	2.9	36	34	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# $Toron to \_60410 \_2018 \_Day 3 to 9. csv$

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day3to9.csv dataset used in CHM 135 Experiment 1.

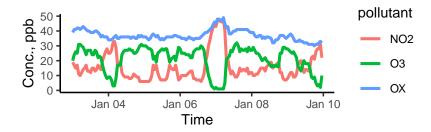


Figure 1: Time series of pollutant concentration.

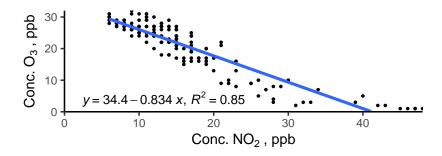


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	15.7	9.2	13	6	48
O3	21.3	8.3	24	1	32
OX	37.0	3.6	36	30	49
$ m NO2\_8hr$	15.5	8.2	13	6	45
$\mathrm{O3}\_8\mathrm{hr}$	21.5	7.2	24	1	30
$OX_8hr$	37.0	3.3	36	31	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day4to10.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day4to10.csv dataset used in CHM 135 Experiment 1.

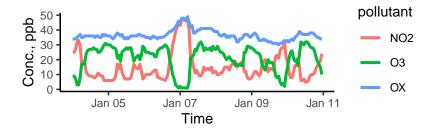


Figure 1: Time series of pollutant concentration.

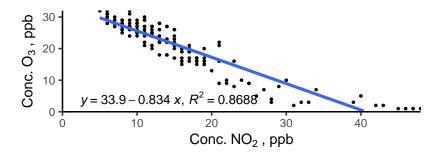


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	15.2	9.3	13	5	48
O3	21.2	8.3	24	1	32
OX	36.5	3.4	36	30	49
$NO2\_8hr$	14.9	8.1	13	6	45
$\mathrm{O3}\_8\mathrm{hr}$	21.6	7.1	24	1	31
$OX_8hr$	36.5	3.2	36	31	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day5to11.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day5to11.csv dataset used in CHM 135 Experiment 1.

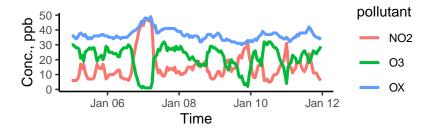


Figure 1: Time series of pollutant concentration.

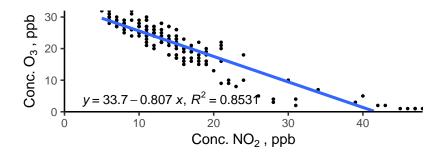


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	15.2	8.9	13	5	48
O3	21.4	7.8	24	1	32
OX	36.6	3.5	36	30	49
$ m NO2\_8hr$	15.4	7.7	13	6	45
$\mathrm{O3}\_8\mathrm{hr}$	21.2	6.7	23	1	31
$OX_8hr$	36.6	3.2	36	31	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day6to12.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day6to12.csv dataset used in CHM 135 Experiment 1.

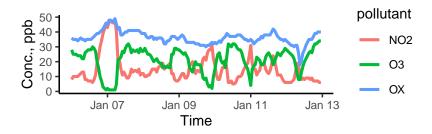


Figure 1: Time series of pollutant concentration.

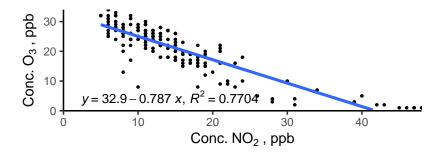


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	14.9	9.1	13	5	48
O3	21.2	8.1	23	1	34
OX	36.1	4.3	36	18	49
$NO2\_8hr$	15.2	7.9	13	6	45
$\mathrm{O3}\_8\mathrm{hr}$	20.8	6.9	22	1	32
$OX_8hr$	36.0	4.0	36	26	47

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day7to13.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day7to13.csv dataset used in CHM 135 Experiment 1.

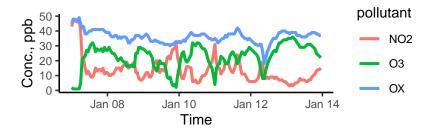


Figure 1: Time series of pollutant concentration.

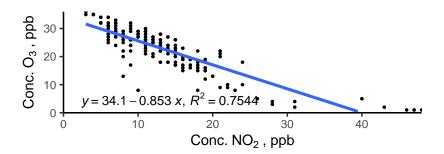


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	13.6	8.3	12	3	48
O3	22.5	8.2	24	1	36
OX	36.1	4.2	36	18	49
$ m NO2\_8hr$	13.0	6.0	12	4	42
$O3\_8hr$	22.9	6.7	23	5	35
$\mathrm{OX}_{-}8\mathrm{hr}$	35.9	3.6	36	26	46

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day8to14.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day8to14.csv dataset used in CHM 135 Experiment 1.

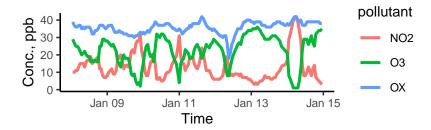


Figure 1: Time series of pollutant concentration.

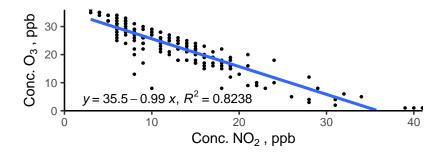


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	13.2	7.7	11	3	41
O3	22.5	8.4	24	1	36
OX	35.7	3.5	36	18	42
$NO2\_8hr$	13.4	6.4	13	4	37
$\mathrm{O3}\_8\mathrm{hr}$	22.2	7.2	23	3	35
$\mathrm{OX}_{-}8\mathrm{hr}$	35.6	3.1	36	26	40

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day9to15.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day9to15.csv dataset used in CHM 135 Experiment 1.

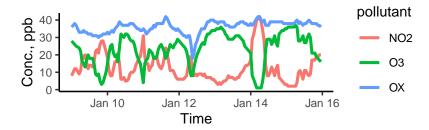


Figure 1: Time series of pollutant concentration.

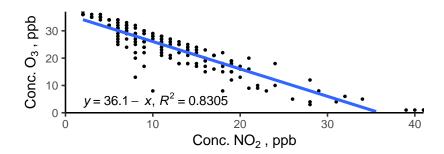


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	12.5	7.9	11	2	41
O3	23.5	8.7	25	1	37
OX	36.1	3.6	37	18	42
$ m NO2\_8hr$	12.5	6.8	12	2	37
$\mathrm{O3}\_8\mathrm{hr}$	23.6	7.7	24	3	36
$_{ m OX}_{ m 8hr}$	36.0	3.3	37	26	40

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day10to16.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day10to16.csv dataset used in CHM 135 Experiment 1.

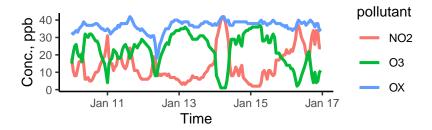


Figure 1: Time series of pollutant concentration.

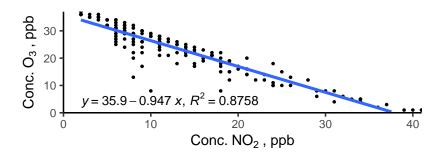


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	14.0	9.3	11	2	41
O3	22.7	9.4	24	1	37
OX	36.6	3.3	38	18	42
$ m NO2\_8hr$	13.7	8.1	12	2	37
$\mathrm{O3}\_8\mathrm{hr}$	23.0	8.3	24	3	36
$_{ m OX}_{ m 8hr}$	36.7	2.9	38	26	40

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

#### Notes on results:

## Toronto 60410 2018 Day11to17.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day11to17.csv dataset used in CHM 135 Experiment 1.

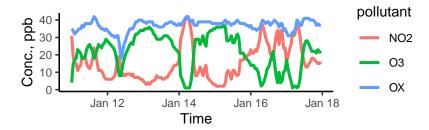


Figure 1: Time series of pollutant concentration.

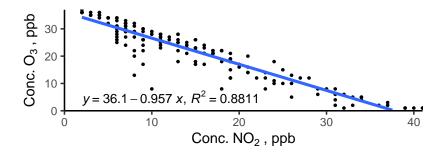


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	15.4	9.9	13	2	41
O3	21.4	10.1	23	1	37
OX	36.8	3.5	38	18	42
$ m NO2\_8hr$	15.3	9.0	14	2	37
$O3\_8hr$	21.6	9.2	23	3	36
$\mathrm{OX}_{-}8\mathrm{hr}$	36.9	3.1	38	26	41

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day12to18.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day12to18.csv dataset used in CHM 135 Experiment 1.

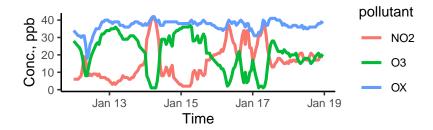


Figure 1: Time series of pollutant concentration.

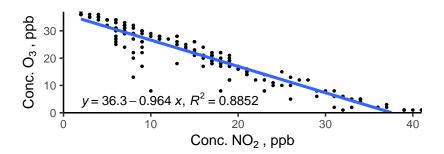


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	15.8	9.7	15	2	41
O3	21.0	10.0	21	1	37
OX	36.8	3.4	38	18	42
$ m NO2\_8hr$	15.9	8.8	16	2	37
$O3\_8hr$	21.0	9.2	21	3	36
$OX_8hr$	36.9	3.0	38	26	41

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day13to19.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day13to19.csv dataset used in CHM 135 Experiment 1.

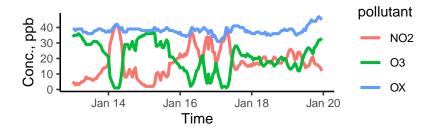


Figure 1: Time series of pollutant concentration.

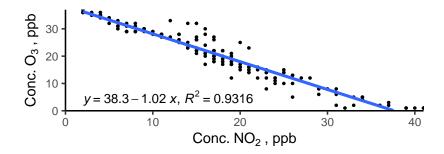


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	17.2	9.3	17	2	41
O3	20.8	9.8	21	1	37
OX	38.0	2.6	38	31	47
$NO2\_8hr$	17.5	8.2	18	2	36
$\mathrm{O3}\_8\mathrm{hr}$	20.4	8.8	19	3	36
$OX_8hr$	37.9	2.0	38	32	45

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day14to20.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day14to20.csv dataset used in CHM 135 Experiment 1.

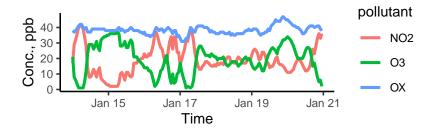


Figure 1: Time series of pollutant concentration.

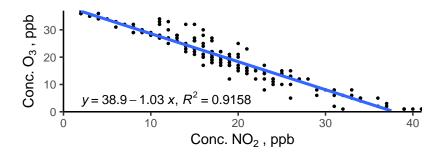


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	18.8	8.8	18	2	41
O3	19.5	9.4	20	1	37
OX	38.4	2.7	38	31	47
$NO2\_8hr$	18.4	7.4	18	2	37
$\mathrm{O3}\_8\mathrm{hr}$	20.0	8.3	19	3	36
$\mathrm{OX}_{-}8\mathrm{hr}$	38.3	2.4	38	32	45

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day15to21.csv

The results below are what the student results should look like for the Toronto\_60410\_2018\_Day15to21.csv dataset used in CHM 135 Experiment 1.

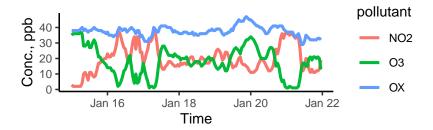


Figure 1: Time series of pollutant concentration.

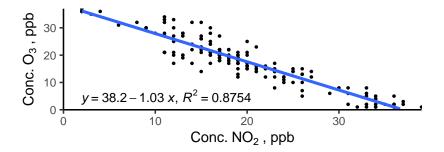


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	19.5	8.4	18	2	39
O3	18.1	9.2	19	1	37
OX	37.6	3.3	38	29	47
$ m NO2\_8hr$	19.9	7.1	19	2	35
$O3\_8hr$	17.8	8.3	18	1	36
$OX_8hr$	37.7	2.9	38	32	45

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day200to206.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day200to206.csv$  dataset used in CHM 135 Experiment 1.

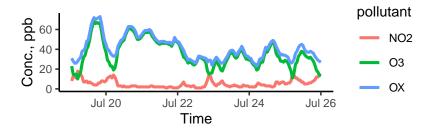


Figure 1: Time series of pollutant concentration.

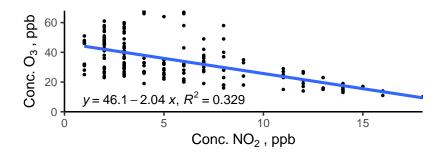


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	5.2	3.9	4	1	18
O3	35.5	13.7	32	10	68
OX	40.7	11.9	38	23	73
$\rm NO2\_8hr$	5.0	3.1	4	1	14
$O3\_8hr$	36.2	12.2	33	15	65
$OX_8hr$	41.1	11.0	38	27	70

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day201to207.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day201to207.csv$  dataset used in CHM 135 Experiment 1.

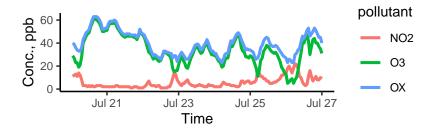


Figure 1: Time series of pollutant concentration.

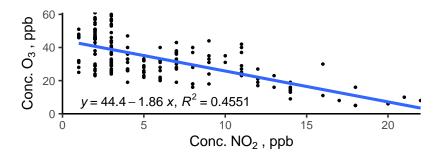


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	5.7	4.7	4	1	22
O3	33.9	12.9	32	5	61
OX	39.5	10.4	38	23	63
$\rm NO2\_8hr$	5.5	4.1	4	1	19
$O3\_8hr$	34.0	12.1	33	7	58
$OX_8hr$	39.5	9.8	37	25	61

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day202to208.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day202to208.csv$  dataset used in CHM 135 Experiment 1.

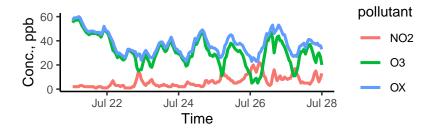


Figure 1: Time series of pollutant concentration.

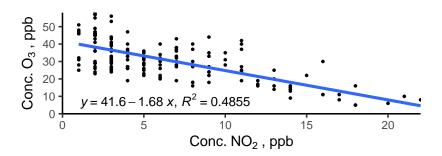


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	6.2	4.8	5	1	22
O3	31.1	11.5	30	5	58
OX	37.3	8.9	36	23	60
$ m NO2\_8hr$	6.2	4.1	5	1	19
$O3\_8hr$	30.7	9.9	30	7	56
$OX_8hr$	37.0	7.7	37	25	58

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day203to209.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day203to209.csv$  dataset used in CHM 135 Experiment 1.

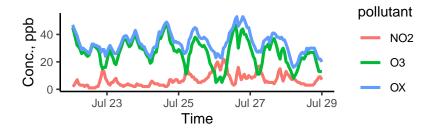


Figure 1: Time series of pollutant concentration.

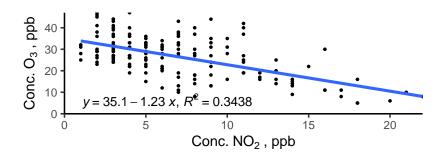


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	6.8	4.5	6	1	22
O3	26.7	9.5	27	5	47
OX	33.5	7.7	33	16	53
$ m NO2\_8hr$	6.9	3.8	6	1	19
$O3\_8hr$	26.7	7.8	26	7	42
$OX_8hr$	33.6	6.7	32	19	50

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day204to210.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day204to210.csv$  dataset used in CHM 135 Experiment 1.

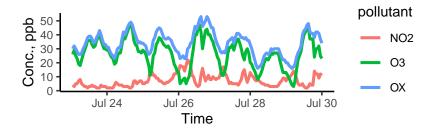


Figure 1: Time series of pollutant concentration.

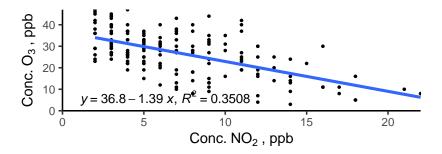


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	7.2	4.3	6	2	22
O3	26.8	10.2	27	3	47
OX	34.0	8.4	34	16	53
$\rm NO2\_8hr$	7.2	3.6	7	2	18
$O3\_8hr$	26.8	8.8	27	8	42
$OX_8hr$	34.0	7.5	34	19	50

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day205to211.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day205to211.csv$  dataset used in CHM 135 Experiment 1.

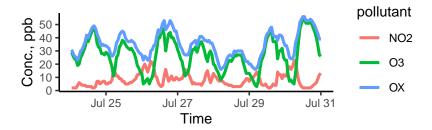


Figure 1: Time series of pollutant concentration.

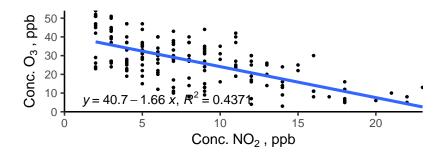


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.1	4.9	7	2	23
O3	27.3	12.3	27	3	54
OX	35.4	9.7	36	16	56
$ m NO2\_8hr$	8.1	4.0	8	2	19
$O3\_8hr$	27.3	10.7	26	7	52
$OX_8hr$	35.4	8.8	35	19	54

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day206to212.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day206to212.csv$  dataset used in CHM 135 Experiment 1.

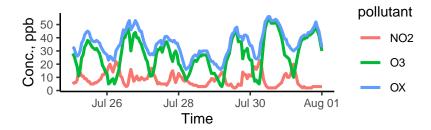


Figure 1: Time series of pollutant concentration.

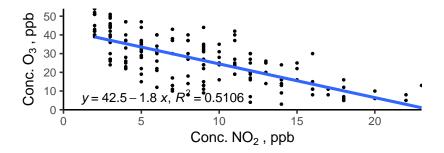


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.3	5.0	7	2	23
O3	27.6	12.7	27	3	54
OX	35.9	9.7	36	16	56
$ m NO2\_8hr$	8.4	4.0	9	2	19
$\mathrm{O3}\_8\mathrm{hr}$	27.5	11.0	26	8	52
$OX_8hr$	35.9	8.8	36	19	54

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

## Toronto 60410 2018 Day207to213.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day207to213.csv$  dataset used in CHM 135 Experiment 1.

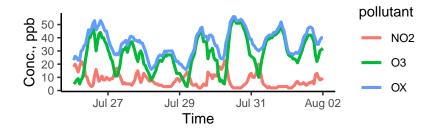


Figure 1: Time series of pollutant concentration.

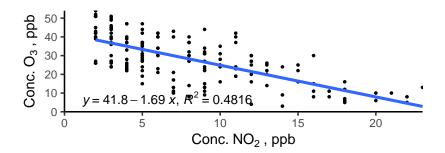


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	7.9	5.1	7	2	23
O3	28.4	12.5	27	3	54
OX	36.3	9.7	36	16	56
$ m NO2\_8hr$	7.7	4.0	8	2	19
$\mathrm{O3}\_8\mathrm{hr}$	28.8	10.6	29	7	52
$OX_8hr$	36.5	8.7	37	19	54

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# Toronto\_60410\_2018\_Day208to214.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day208to214.csv$  dataset used in CHM 135 Experiment 1.

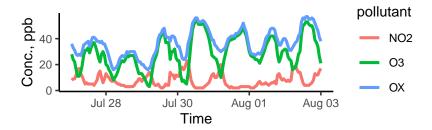


Figure 1: Time series of pollutant concentration.

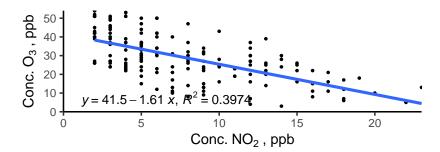


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	7.7	4.9	6	2	23
O3	29.1	12.5	27	3	54
OX	36.8	10.1	37	16	57
$ m NO2\_8hr$	7.6	3.9	7	2	19
$O3\_8hr$	29.2	10.8	28	9	52
$OX_8hr$	36.7	9.2	37	19	56

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# Toronto\_60410\_2018\_Day209to215.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day209to215.csv$  dataset used in CHM 135 Experiment 1.

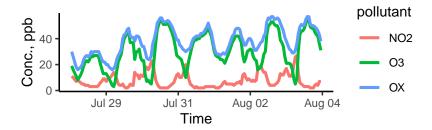


Figure 1: Time series of pollutant concentration.

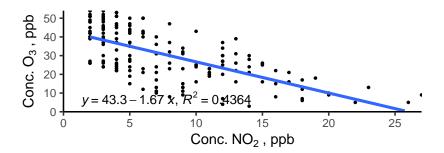


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	7.6	5.4	6	2	27
O3	30.6	13.6	29	3	54
OX	38.2	10.8	38	16	57
$\rm NO2\_8hr$	7.6	4.4	6	2	19
$O3_8hr$	30.8	11.7	29	9	52
$OX_8hr$	38.4	9.7	38	19	56

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# Toronto\_60410\_2018\_Day210to216.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day210to216.csv$  dataset used in CHM 135 Experiment 1.

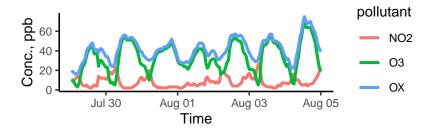


Figure 1: Time series of pollutant concentration.

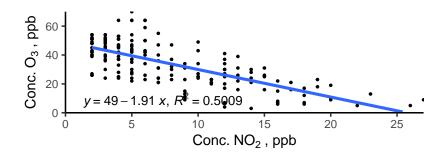


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.2	5.6	6	2	27
O3	33.5	15.0	34	3	70
OX	41.6	11.7	42	16	75
$ m NO2\_8hr$	8.0	4.3	8	2	19
$\mathrm{O3}\_8\mathrm{hr}$	34.0	12.4	34	10	64
$OX_8hr$	42.0	10.0	41	20	69

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# Toronto\_60410\_2018\_Day211to217.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day211to217.csv$  dataset used in CHM 135 Experiment 1.

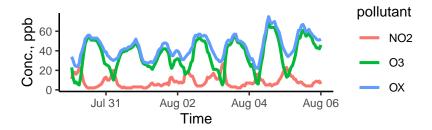


Figure 1: Time series of pollutant concentration.

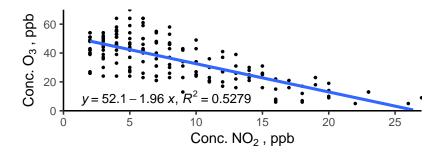


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.3	5.6	7	2	27
O3	35.9	15.2	37	5	70
OX	44.2	11.8	44	22	75
$\rm NO2\_8hr$	8.2	4.5	7	2	19
$O3_8hr$	36.2	12.7	36	11	64
$OX_8hr$	44.3	10.2	44	27	69

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# Toronto\_60410\_2018\_Day212to218.csv

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day212to218.csv$  dataset used in CHM 135 Experiment 1.

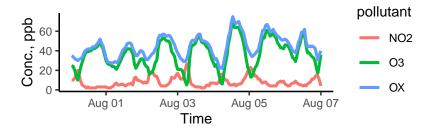


Figure 1: Time series of pollutant concentration.

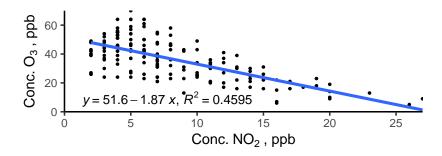


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.0	5.2	7	2	27
O3	36.6	14.2	37	5	70
OX	44.7	11.3	44	22	75
$ m NO2\_8hr$	7.9	4.1	7	2	18
$O3_8hr$	37.1	11.8	38	14	64
$OX_8hr$	45.0	9.8	45	27	69

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# $Toronto\_60410\_2018\_Day213to219.csv$

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day213to219.csv$  dataset used in CHM 135 Experiment 1.

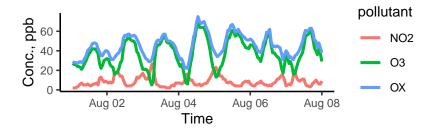


Figure 1: Time series of pollutant concentration.

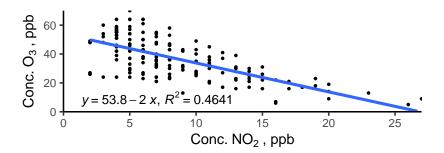


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.4	4.9	7	2	27
O3	37.1	14.3	37	5	70
OX	45.4	11.6	44	22	75
$ m NO2\_8hr$	8.5	3.7	8	3	18
$O3_8hr$	37.3	12.0	37	14	64
$\mathrm{OX}_{-}8\mathrm{hr}$	45.8	9.9	45	27	69

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results:

# $Toronto\_60410\_2018\_Day214to220.csv$

The results below are what the student results should look like for the  $Toronto\_60410\_2018\_Day214to220.csv$  dataset used in CHM 135 Experiment 1.

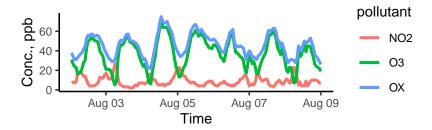


Figure 1: Time series of pollutant concentration.

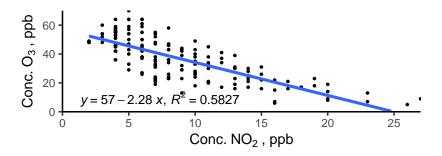


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed in the lower left corner.

pollutant	mean	$\operatorname{sd}$	median	min	max
NO2	8.8	5.0	7	2	27
O3	36.8	15.0	38	5	70
OX	45.7	11.6	45	22	75
$ m NO2\_8hr$	8.8	3.7	8	3	18
$O3\_8hr$	37.3	12.3	38	14	64
$OX_8hr$	46.2	9.7	46	27	69

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

### Notes on results: