

## Toronto\_60410\_2018/Toronto\_60410\_2018\_Day7to13.csv

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

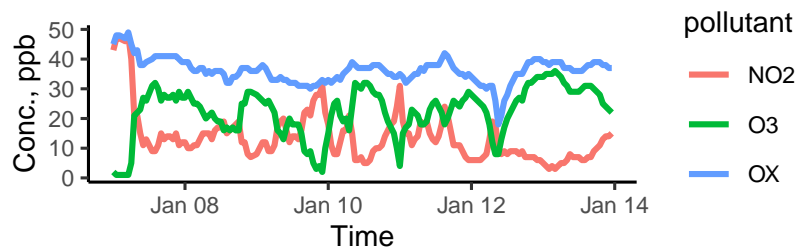


Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.

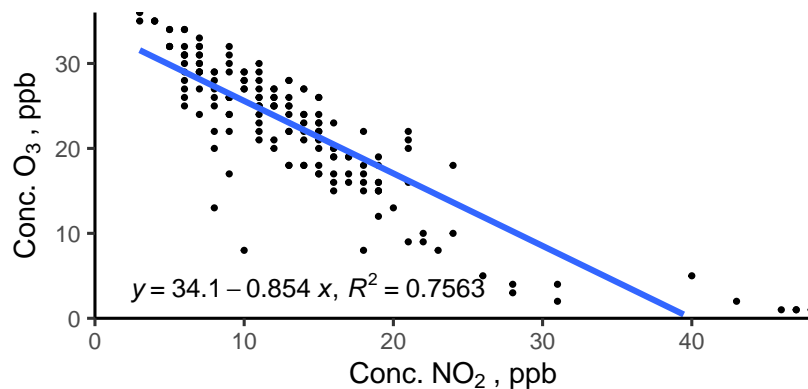


Figure 2: Correlation plot of O<sub>3</sub> vs. NO<sub>2</sub>; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	13.7	8.3	12	3	48
O3	22.4	8.2	24	1	36
OX	36.1	4.2	36	18	49
NO2_8hr	13.1	6.0	13	4	42
O3_8hr	22.8	6.7	23	5	35
OX_8hr	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:

Students are **not** expected to calculate *mean*, *sd*, and *median* of 8 hr averages. If student *sd* values differ slightly from provided *sd* values,

they may have used the *STDEV.P* function rather than *STDEV.S* in Excel calculations. Do not subtract points, but make a note of it.