

## Toronto\_60435\_2018\_Day195to201.csv

The results below are what the student results should look like for the Toronto\_60435\_2018\_Day195to201.csv dataset used in CHM 135 Experiment 1.

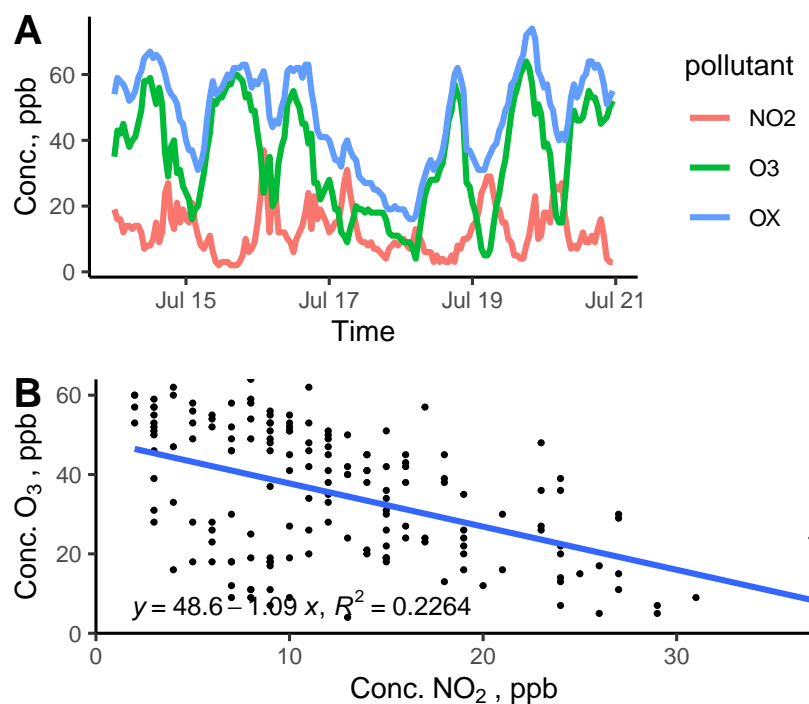


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	12.4	7.1	11	2	37
O3	35.2	16.2	36	4	64
OX	47.5	14.3	52	16	74
NO2_8hr	12.4	5.6	12	2	24
O3_8hr	34.8	14.7	36	9	59
OX_8hr	47.2	13.5	50	18	69

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.