

## Toronto\_60433\_2018\_Day6to12.csv

The results below are what the student results should look like for the Toronto\_60433\_2018\_Day6to12.csv dataset used in CHM 135 Experiment 1.

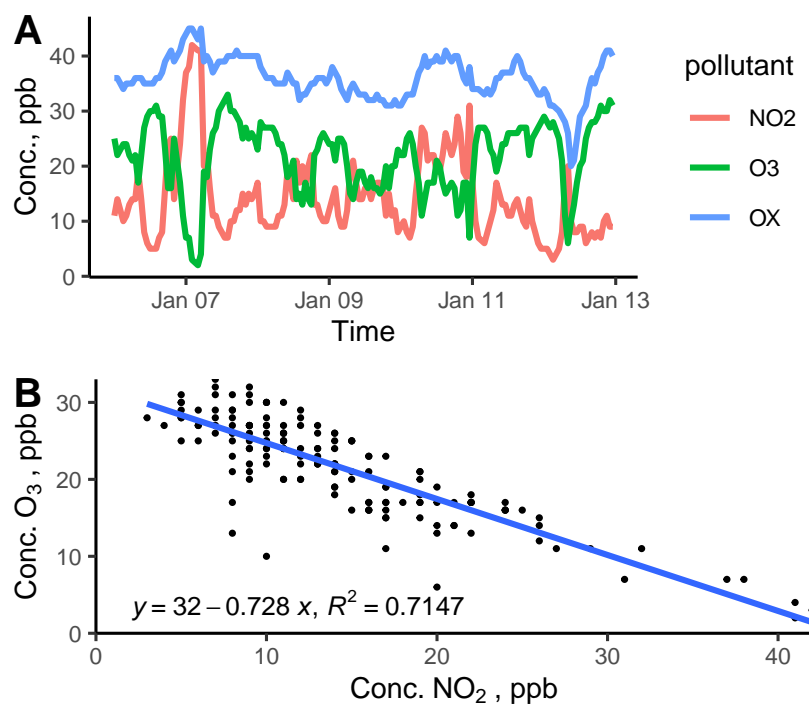


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	14.2	7.4	13	3	42
O3	21.7	6.3	23	2	33
OX	35.9	3.9	36	20	45
NO2_8hr	14.3	6.1	13	5	36
O3_8hr	21.5	5.1	22	7	31
OX_8hr	35.8	3.6	36	25	44

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.