

Toronto\_60435\_2018\_Day190to196.csv

The results below are what the student results should look like for the Toronto\_60435\_2018\_Day190to196.csv dataset used in CHM 135 Experiment 1.

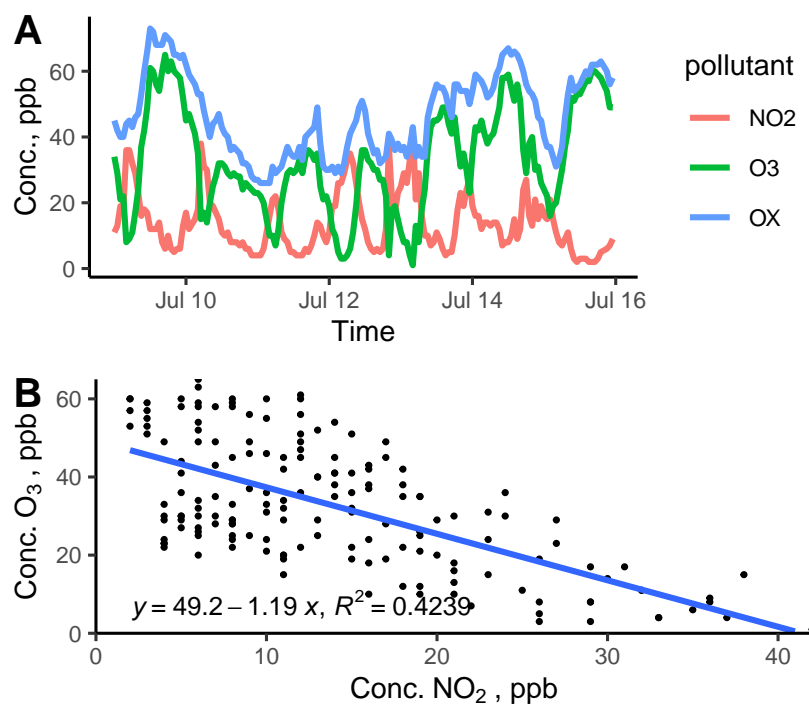


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	13.9	8.9	12	2	42
O3	32.7	16.2	30	1	65
OX	46.6	12.4	45	26	73
NO2_8hr	14.0	7.1	13	2	30
O3_8hr	32.5	14.6	31	6	61
OX_8hr	46.4	11.7	44	27	70

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.