

Toronto_60433_2018_Day191to197.csv

The results below are what the student results should look like for the *Toronto_60433_2018_Day191to197.csv* dataset used in CHM 135 Experiment 1.

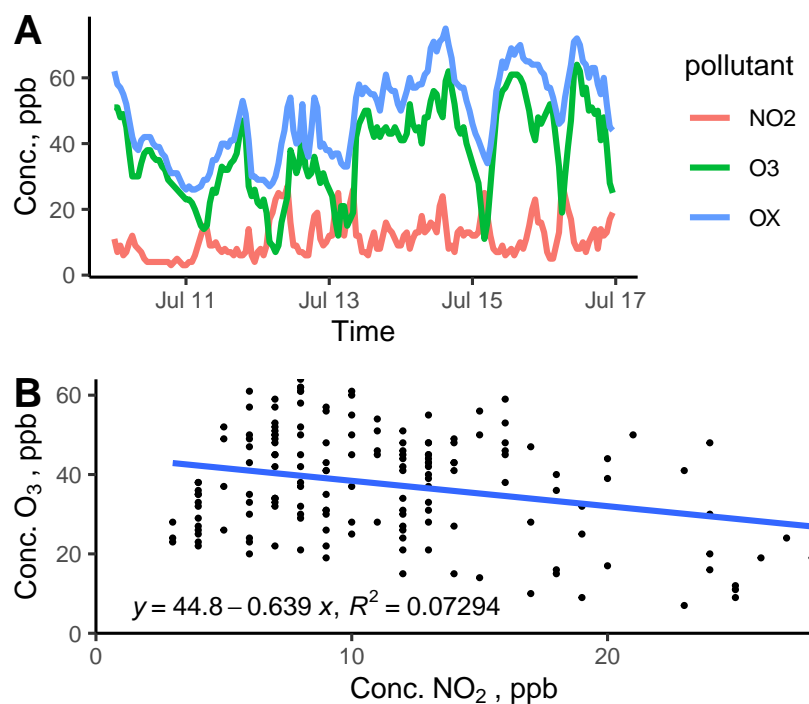


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	11.2	5.7	10	3	28
O3	37.7	13.4	38	7	64
OX	48.8	13.1	50	26	75
NO2_8hr	11.2	4.0	11	4	23
O3_8hr	37.5	11.7	37	13	60
OX_8hr	48.7	12.2	47	27	71

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.