

Toronto_60433_2018_Day187to193.csv

The results below are what the student results should look like for the Toronto_60433_2018_Day187to193.csv dataset used in CHM 135 Experiment 1.

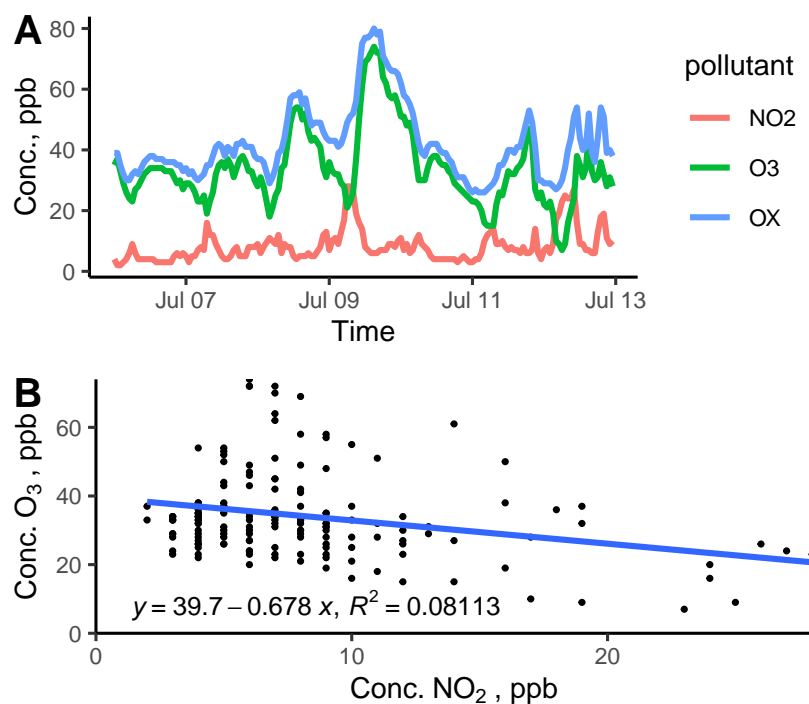


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	8.3	5.3	7	2	28
O3	34.0	12.7	32	7	74
OX	42.3	12.3	40	26	80
NO2_8hr	8.3	4.3	8	3	23
O3_8hr	34.1	11.6	33	13	70
OX_8hr	42.5	11.6	40	26	78

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.