

Toronto_60410_2018/Toronto_60410_2018_Day5to11.csv

The results below are what the student results should look like for the Toronto_60410_2018/Toronto_60410_2018_Day5to11.csv dataset used in CHM 135 Experiment 1.

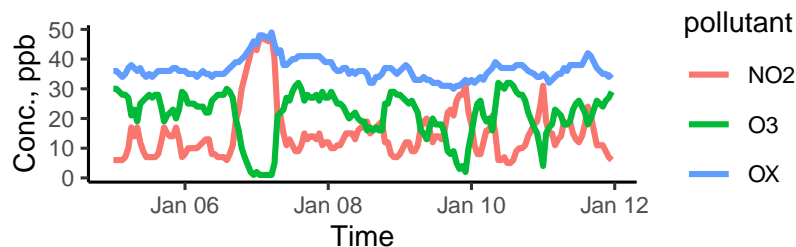


Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.

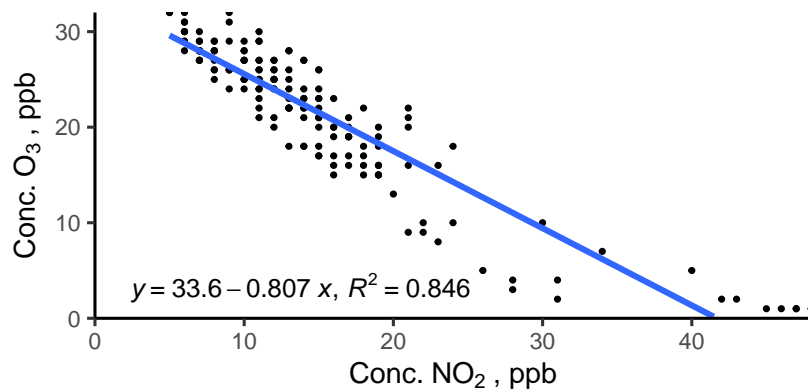


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	15.0	8.8	13	5	48
O3	21.5	7.7	24	1	32
OX	36.5	3.5	36	30	49
NO2_8hr	15.3	7.5	13	6	45
O3_8hr	21.3	6.6	23	1	31
OX_8hr	36.6	3.2	36	31	47

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.