Toronto_60410_2018/Toronto_60410_2018_Day12to18.csv

The results below are what the student results should look like for the Toronto_60410_2018/Toronto_60410_2018_Day12to18.csv dataset used in CHM 135 Experiment 1.

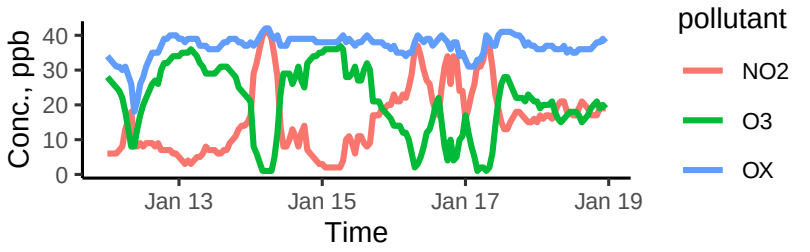

Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.

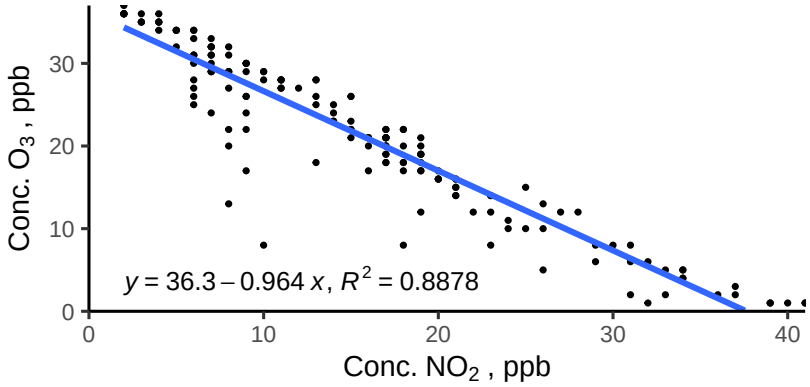

Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	15.8	9.8	15	2	41
O3	21.1	10.0	21	1	37
OX	36.8	3.4	38	18	42
NO2_8hr	15.9	8.9	16	2	37
O3_8hr	21.0	9.2	21	3	36
OX_8hr	36.9	2.9	38	26	41

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* funcation rather than *STDEV.S* in Excel calculations. Do not substract points, but make a note of it.