Toronto_60433_2018_Day13to19.csv

The results below are what the student results should look like for the Toronto_60433_2018_Day13to19.csv dataset used in CHM 135 Experiment 1.

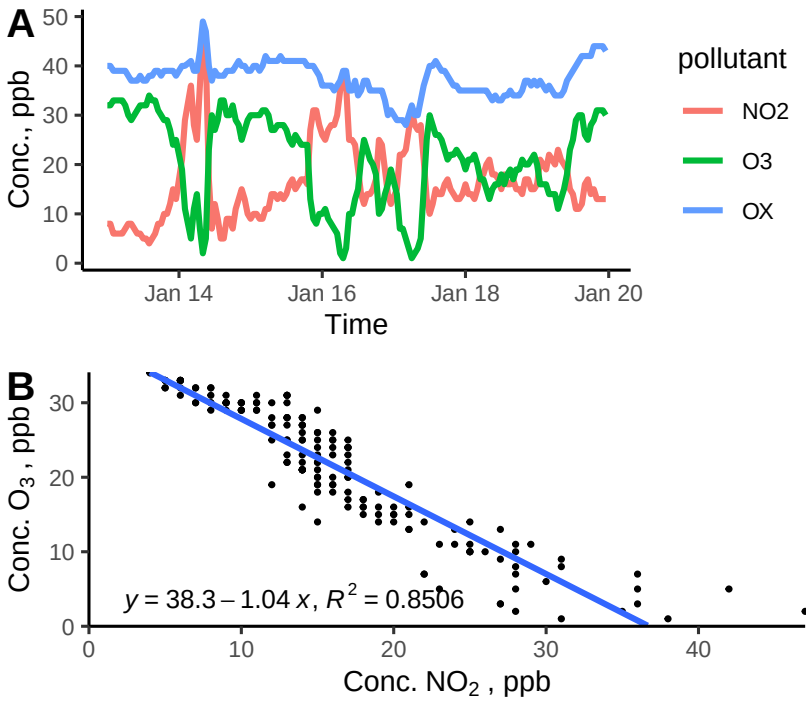

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	16.5	7.9	15	4	47
O3	21.0	8.9	22	1	34
OX	37.6	3.5	38	28	49
NO2_8hr	16.8	6.6	16	5	35
O3_8hr	20.6	7.8	20	4	33
OX_8hr	37.4	3.1	38	29	43

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.