Toronto_60433_2018_Day7to13.csv

The results below are what the student results should look like for the Toronto_60433_2018_Day7to13.csv dataset used in CHM 135 Experiment 1.

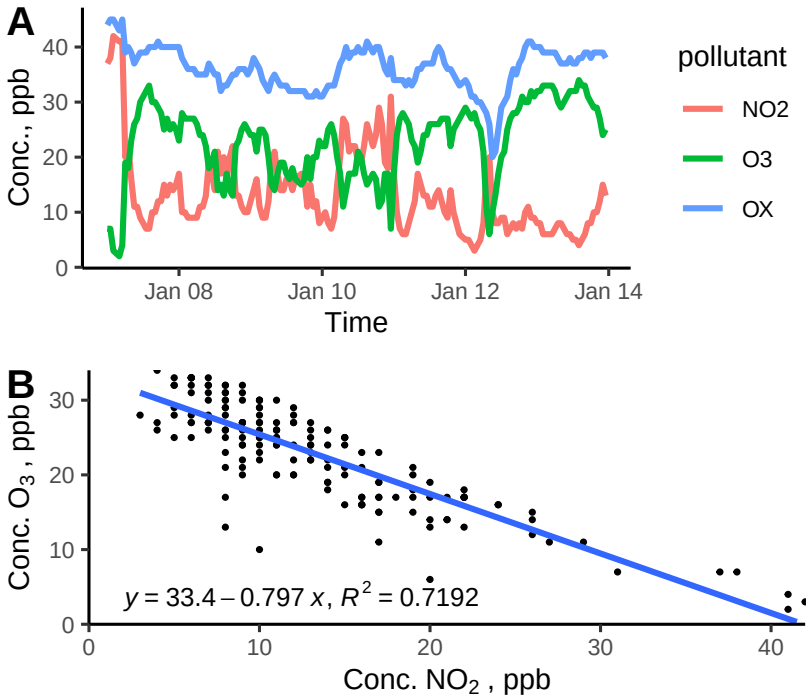

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	13.2	7.4	11	3	42
O3	22.8	6.9	24	2	34
OX	36.1	4.0	37	20	45
NO2_8hr	12.8	5.5	12	5	34
O3_8hr	23.1	5.7	24	9	33
OX_8hr	35.9	3.5	36	25	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.