Toronto_60435_2018_Day8to14.csv

The results below are what the student results should look like for the Toronto_60435_2018_Day8to14.csv dataset used in CHM 135 Experiment 1.

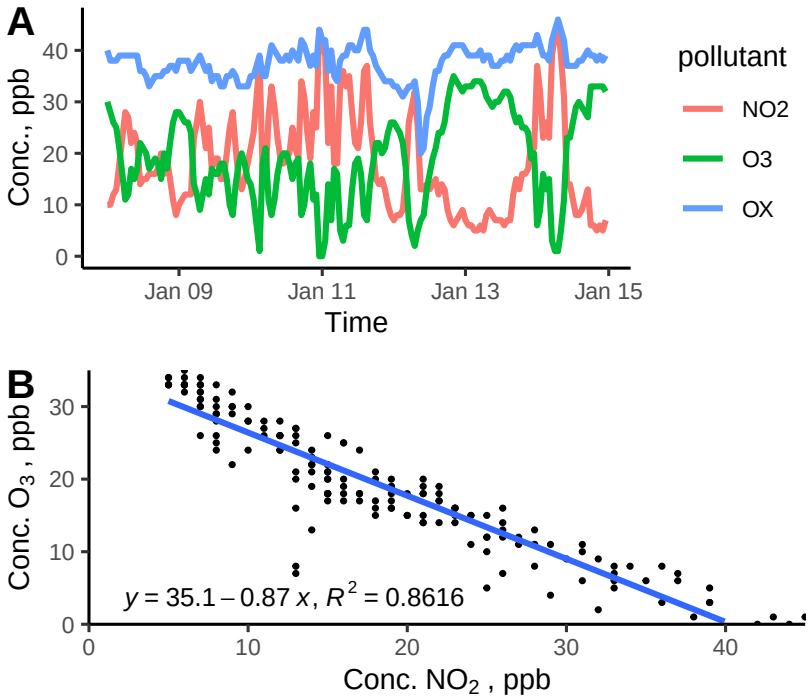

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	18.4	9.7	16	5	45
O3	19.2	9.1	18	0	35
OX	37.5	3.6	38	20	46
NO2_8hr	18.7	7.8	19	6	35
O3_8hr	18.8	7.7	17	7	33
OX_8hr	37.5	3.1	38	28	42

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.