Toronto_60433_2018_Day185to191.csv

The results below are what the student results should look like for the Toronto_60433_2018_Day185to191.csv dataset used in CHM 135 Experiment 1.

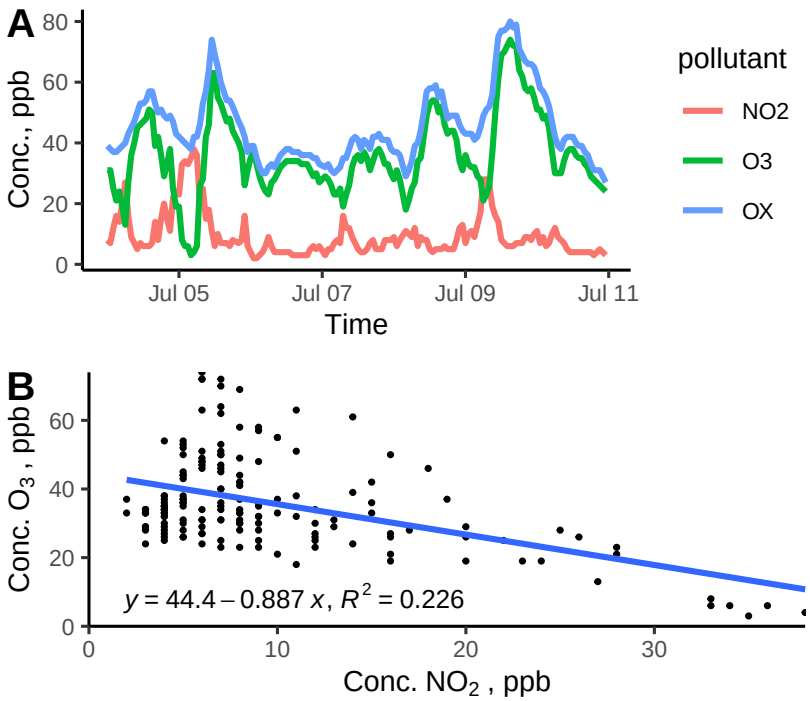

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	9.6	7.3	7	2	38
O3	36.0	13.7	34	3	74
OX	45.5	12.1	42	27	80
NO2_8hr	9.6	6.4	8	3	33
O3_8hr	36.3	12.1	34	7	70
OX_8hr	46.0	11.2	43	31	78

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.