Toronto_60435_2018_Day194to200.csv

The results below are what the student results should look like for the Toronto_60435_2018_Day194to200.csv dataset used in CHM 135 Experiment 1.
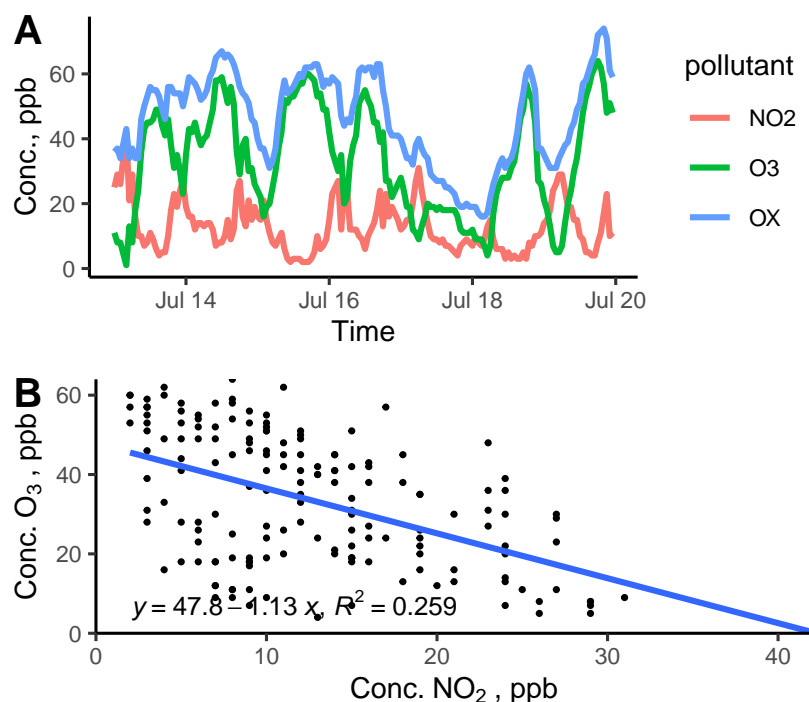

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

pollutant	mean	sd	median	min	max
NO2	12.7	7.5	11	2	42
O3	33.4	16.7	34	1	64
OX	46.1	14.4	49	16	74
NO2_8hr	12.4	5.7	12	2	27
O3_8hr	33.6	14.8	34	8	59
OX_8hr	45.9	13.4	49	18	69

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.