Toronto_60410_2018/Toronto_60410_2018_Day6to12.csv

The results below are what the student results should look like for the Toronto_60410_2018/Toronto_60410_2018_Day6to12.csv dataset used in CHM 135 Experiment 1.
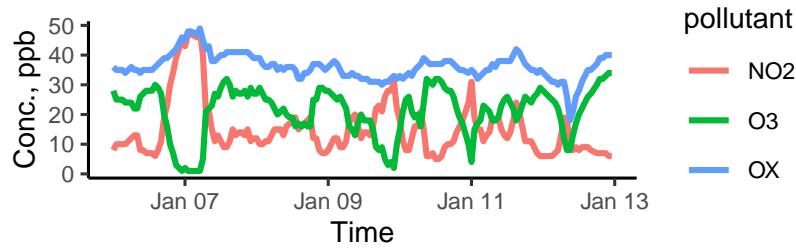

Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.
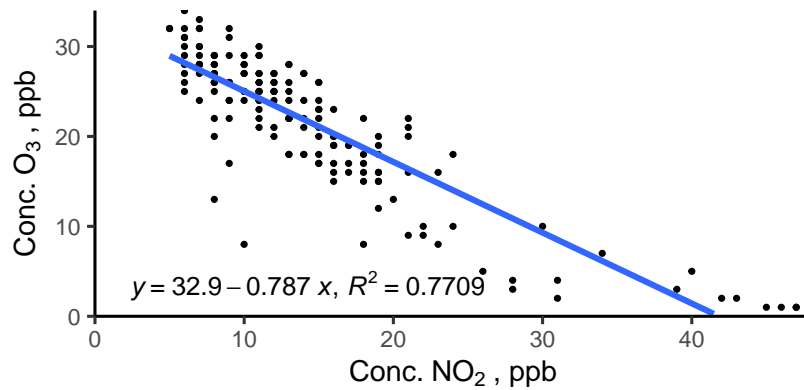

Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

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

pollutant	mean	sd	median	min	max
NO2	14.9	9.1	13	5	48
O3	21.2	8.1	23	1	34
OX	36.1	4.3	36	18	49
NO2_8hr	15.2	7.9	13	6	45
O3_8hr	20.9	6.9	22	1	32
OX_8hr	36.0	4.0	36	26	47

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.