

Toronto\_60410\_2018\_Day212to218.csv

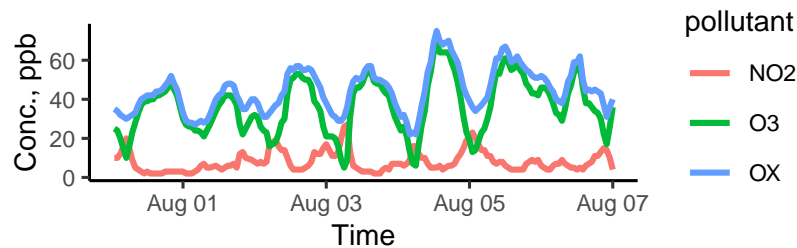


Figure 1: Time series of pollutant concentration.

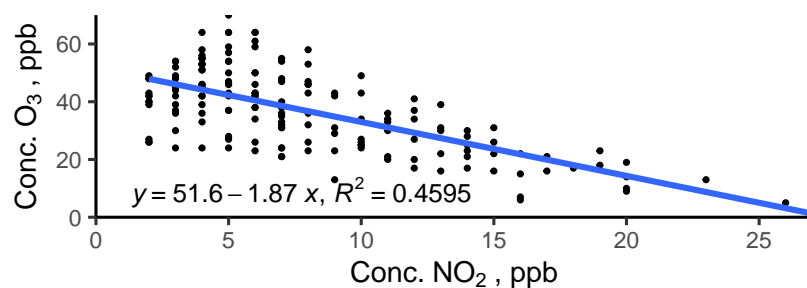


Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	8.0	5.2	7	2	27
O3	36.6	14.2	37	5	70
OX	44.7	11.3	44	22	75
NO2_8hr	7.9	3.9	7	2	17
O3_8hr	37.2	11.3	38	15	63
OX_8hr	45.1	9.5	44	28	68

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 answers, they may have used the *STDEV.P* function rather than *STDEV.S* in Excel calculations. Do not subtract points, but make a note of it.