Analysis Report

Data

Test name: 2019-06_INT_ISGLOBAL_20_kits

Number of devices tested: 20

Test date: 2019-07-13

Test author: Óscar González

Warnings

No warning for this test

Conclusions

Devices show normal behaviour.

- The devices showing higher deviation in temperature are not discarded, as well as noise.
- PM sensor showing lower PM values had the inlet covered
- ECOs/VOCS are evaluated for dispersion and show similar trends in indoor environment, although different absolute values, probably related to the stabilisation time
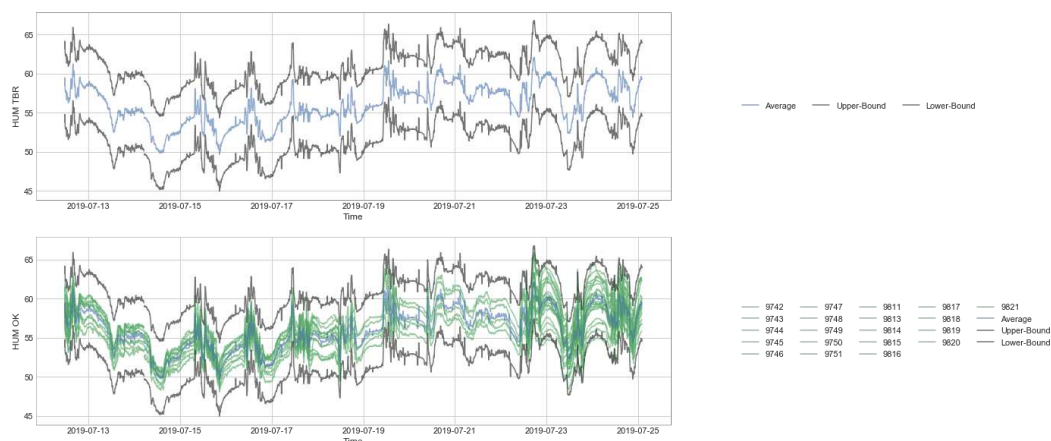
Time Series Plots

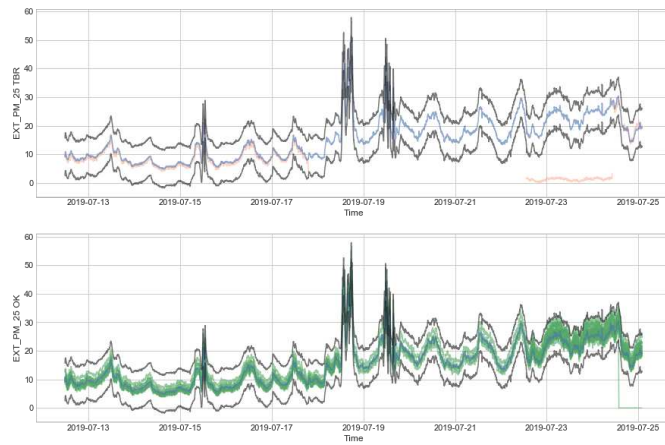Min Date available: None

Max Date available: None

(1/10) - HUM

Using limit for sigma confidence: 3

(2/10) - EXT_PM_25
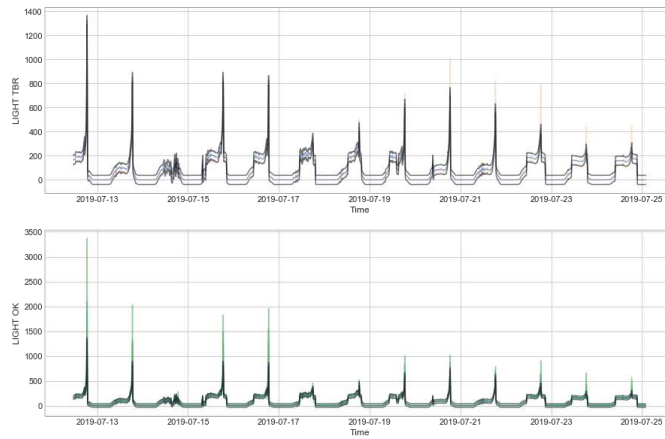
Using limit for sigma confidence: 3

(3/10) - LIGHT

Using limit for sigma confidence: 3

(4/10) - EXT_PM_10

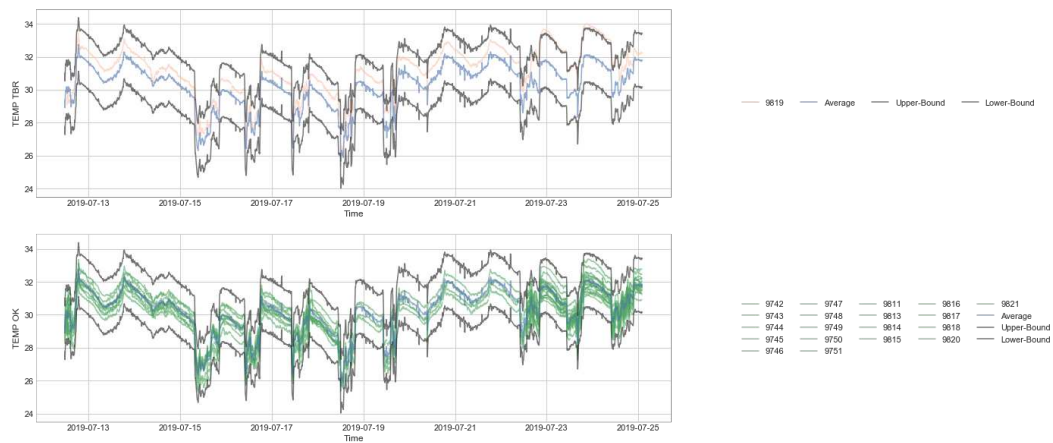Using limit for sigma confidence: 3
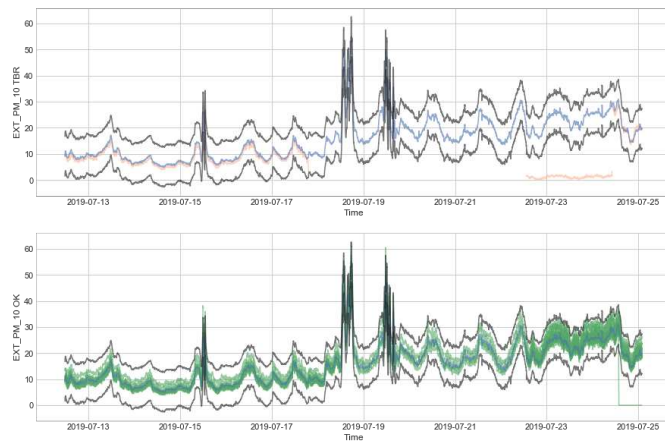
(5/10) - CCS811_VOCS
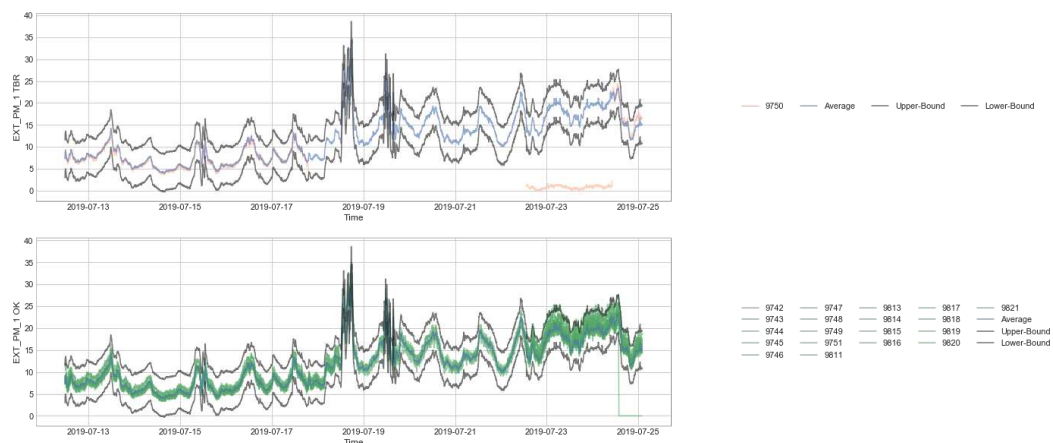
Using limit for sigma confidence: 3
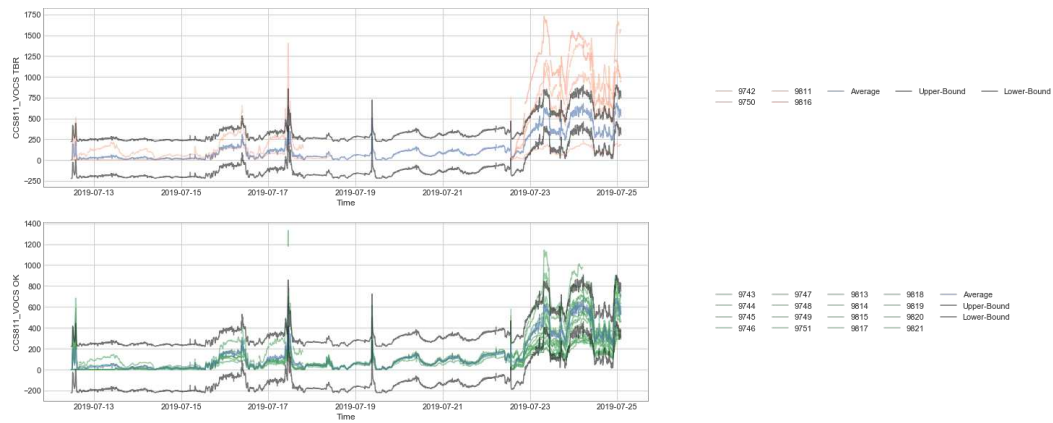
(6/10) - TEMP
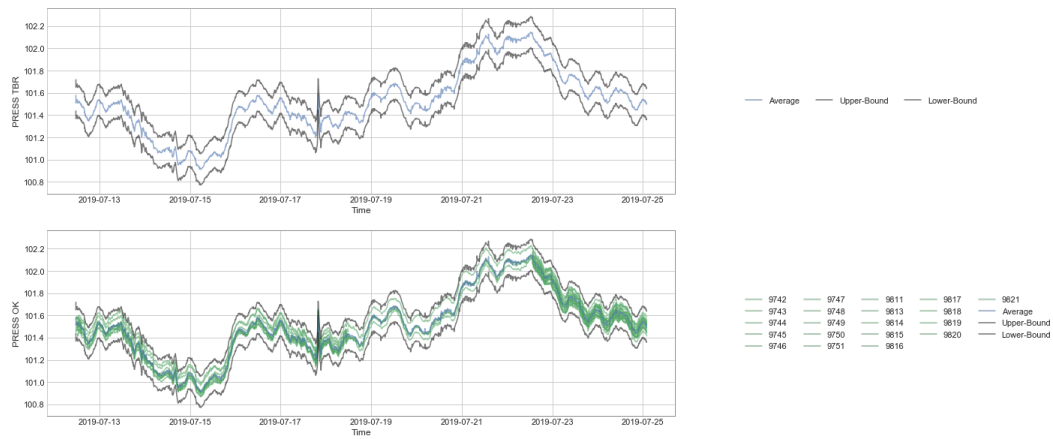
Using limit for sigma confidence: 3

(7/10) - EXT_PM_1

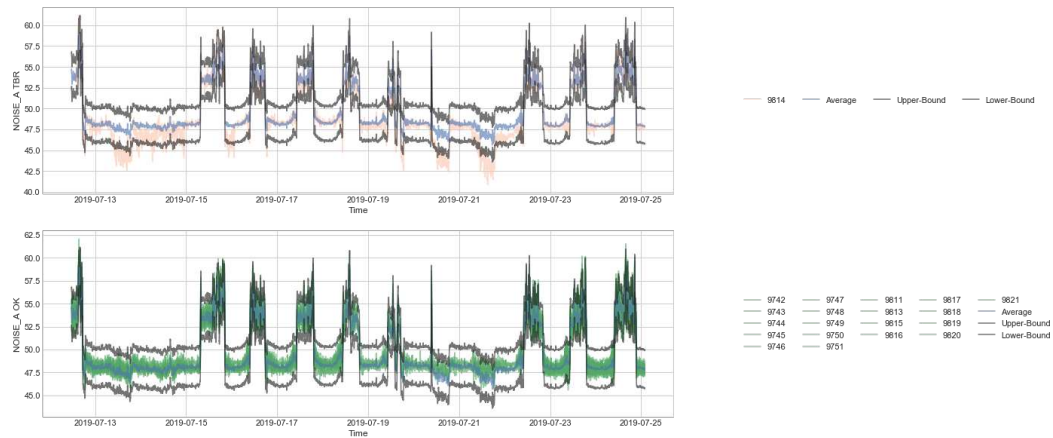Using limit for sigma confidence: 3

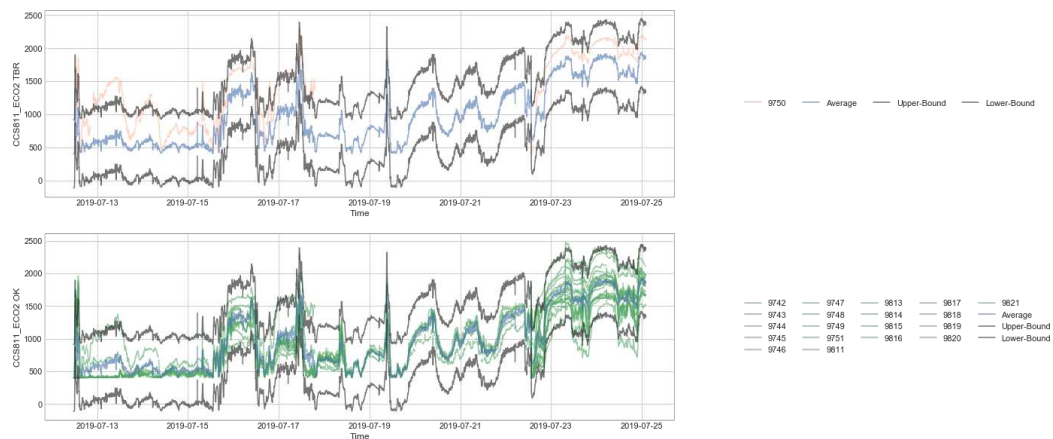## (8/10) - PRESS

Using limit for sigma confidence: 3

(9/10) - NOISE_A

Using limit for sigma confidence: 3

(10/10) - CCS811_ECO2

Using limit for sigma confidence: 3

Summary

	#_TBR_DEVICES	DISPERSION	#_OK_DEVICES
HUM	0	1.56324	20
EXT_PM_25	1	2.19903	19
LIGHT	1	12.6569	19
EXT_PM_10	1	2.52996	19
CCS811_VOCS	4	73.8282	16
TEMP	1	0.543491	19
EXT_PM_1	1	1.4301	19
PRESS	0	0.0467648	20
NOISE_A	1	0.693375	19
CCS811_ECO2	1	171.138	19
BATT	NaN	NaN	NaN