

# Summary of correlations of sensor kits and sensor modules

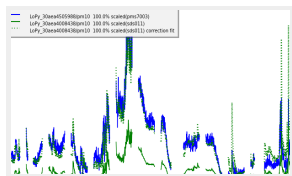
Sensorkits: LoPy\_30aea4505988 LoPy\_30aea4008438

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## R-square and statistical summary

### Measurement PM10 correlation key values

Correlation 1 - **PM10** - kit LoPy\_30aea4505988 sensor type**PMS7003** with kit LoPy\_30aea4008438 sensor type**SDS011**:



nr samples 2049, min= 1.00, max=24.80

avg= 5.43, std dev= 3.67

**R-squared:**

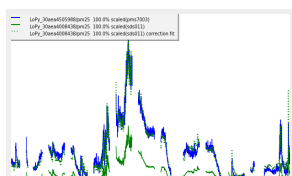
**0.8776**

Best fit polynomial coefficients:

[ 7.318e-01, 2.713e+00]

### Measurement PM2.5 correlation key values

Correlation 2 - **PM2.5** - kit LoPy\_30aea4505988 sensor type**PMS7003** with kit LoPy\_30aea4008438 sensor type**SDS011**:



nr samples 2049, min= 1.00, max=23.70

avg= 5.35, std dev= 3.43

**R-squared:**

**0.9475**

Best fit polynomial coefficients:

[ -5.757e-01, 2.620e+00]