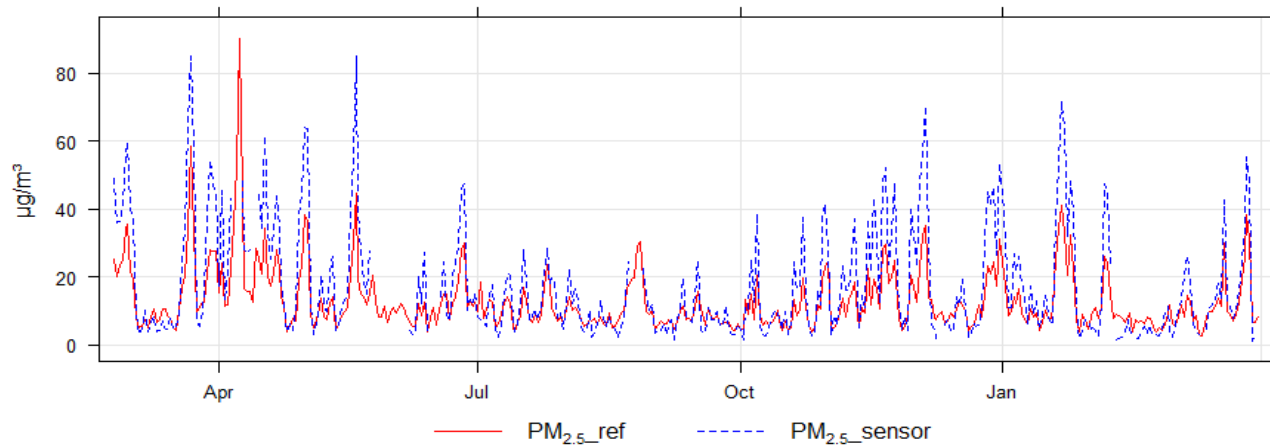




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Validation and data availability

3 good units, 2 with some signal issues
 Availability between 64% and 93%

PM_{2.5} comparison with automatic reference

mean bias: +5.1 µg/m³ R² : 0.82

PM₁₀ and PM_{coarse} performance

Appears to mostly estimate PM_{coarse} from PM_{2.5}
 hence no PM₁₀ sensor

PM_{2.5} between-sensor uncertainty

2.7 µg/m³ or 15%

Effect of relative humidity (PM_{2.5})

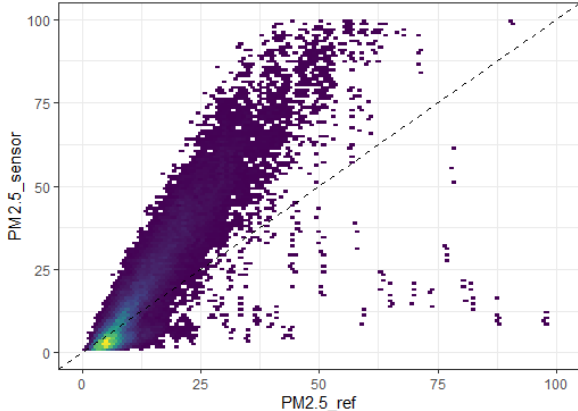
sensor/ref x 1.7 (from 50% to 90% RH)

EU expanded uncertainty vs gravimetric ref. (PM_{2.5})

197% without calibration

16% after local calibration

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