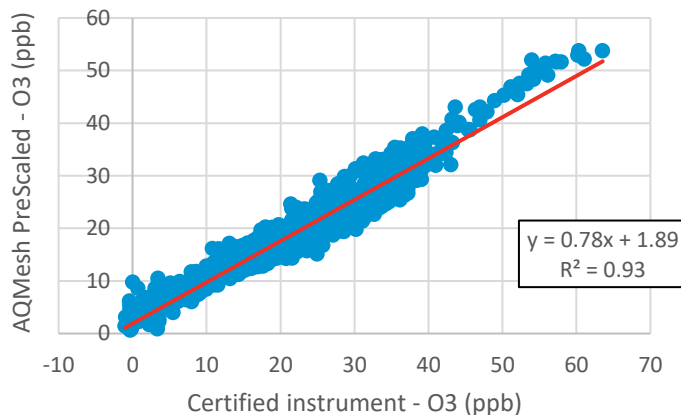


Co-location details

Sensor information	
Sensor	O3
Sensor type	Electrochemical
AQMesh processing algorithm	v5.3
Sampling time interval	1hr
Number of paired sensor / certified instrument values	767

Scatter plot: AQMesh comparison to certified instrument



Testing site information

Location	Southwark, UK
Duration (Hrs.)	793
Date range	28 Mar 2019 – 29 April 2019
Certified instrument uptime	96.84%
Range of certified instrument concentrations over duration of test (ppb)	69.80

Performance metrics

	Linearity	Bias		Accuracy	Data completeness
	R2	Slope	Intercept	RMSE	Sensor uptime
Co-location result	0.93	0.78	1.89	5.24	100%
US EPA target*	>0.80	0.8-1.2	< +/- 5ppb	<5ppb	75%

* <https://www.epa.gov/air-sensor-toolbox/air-sensor-performance-targets-and-testing-protocols>

Time series plot: 1-hour average O3

