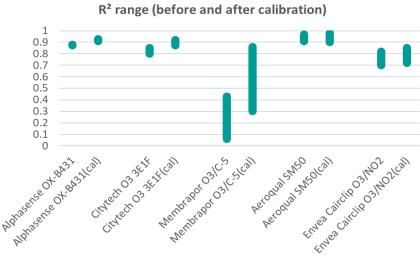


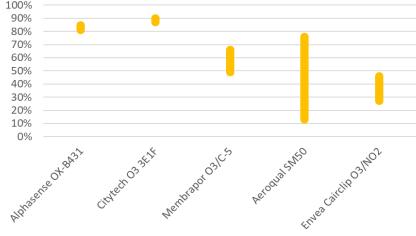
## O<sub>3</sub>-sensors

**Tested O<sub>3</sub>-sensors** 1 0.9 0.8 0.7 Alphasense OX-B431\* 0.6 0.5 0.4 Citytech O3 3E1F 0.3 0.2 0.1 0 Membrapor O3/C-5 Alphasense Ot-BA31 **Aerogual SM50** Envea Cairclip O3/NO2\* Sensor scoring presented 100% here is 'out of the box' and 90% 80% after multiple linear 70% 60% regression based on first 50% 40% month of field test 30% 20% (including T, RH and  $NO_2$ ) 10%

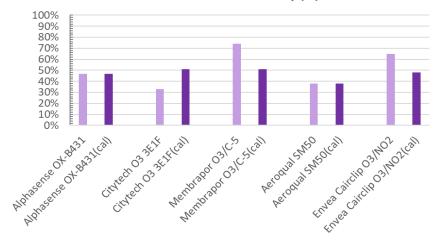
\*these sensors measure  $O_3+NO_2$  so were corrected with the  $NO_2$  signal of their  $NO_2$ -only counterparts



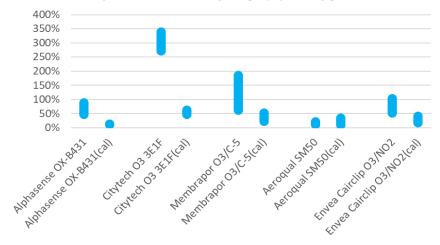
data availibility range (lowest - highest)



between-sensor uncertainty (%)



expanded uncertainty range (%) at 40 µg/m<sup>3</sup>



FIELD TEST FACT SHEET

Setup and definitions see: <u>Vaquums test protocol</u> - Full test report see: <u>Vaquums O<sub>3</sub> fieldtest report</u>