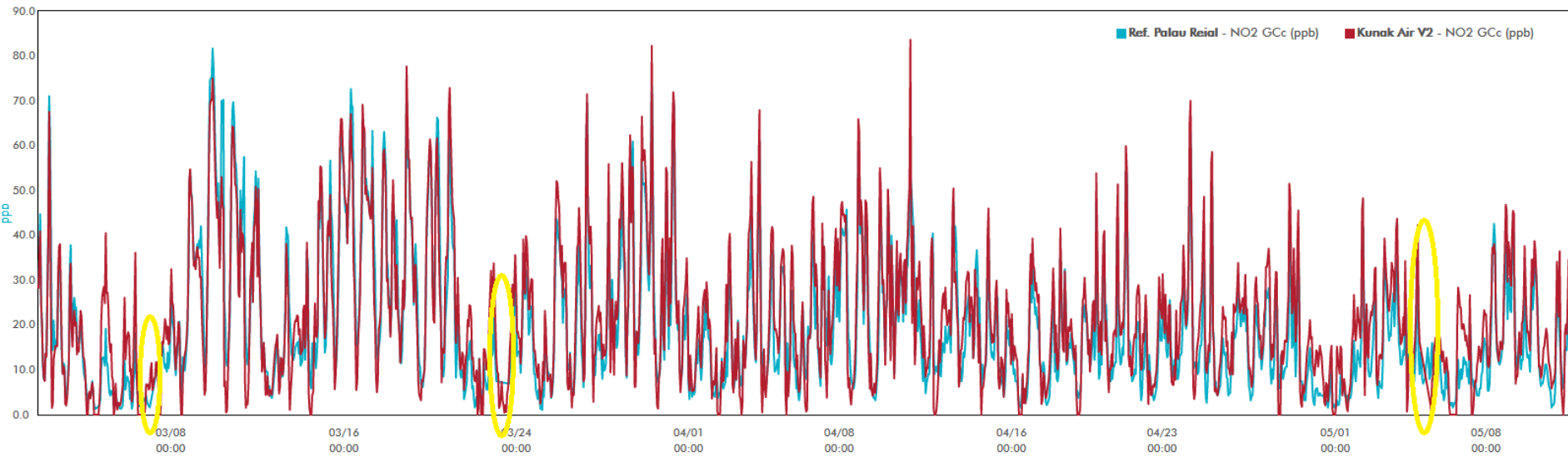
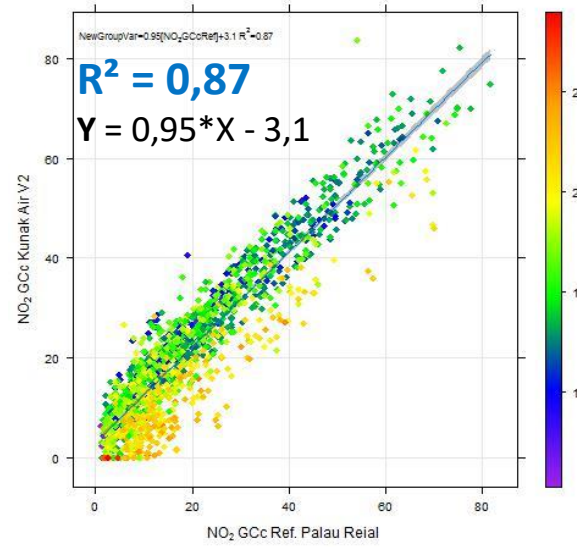


# NITROGEN DIOXIDE (NO<sub>2</sub>), BARCELONA (Spain), MAR'17-MAY'17

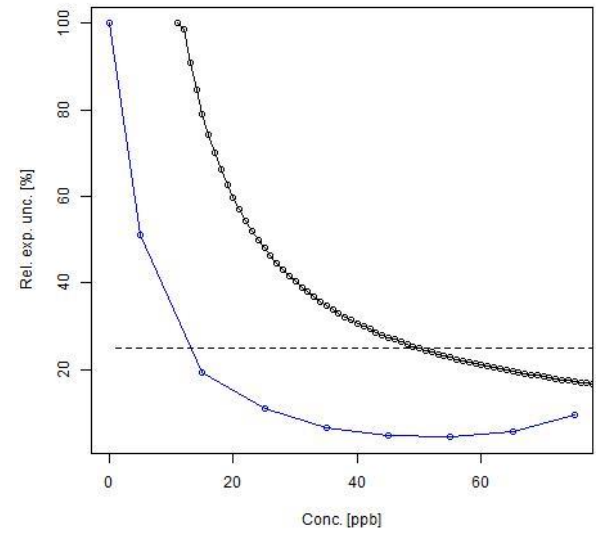


**Comments:** very good liner relationship with good correlation between the KUNAKAIR V2 (red color) and the reference instrument in the AQS (bluet color). Yellow bubble in the time series shows missing data from reference instrument.

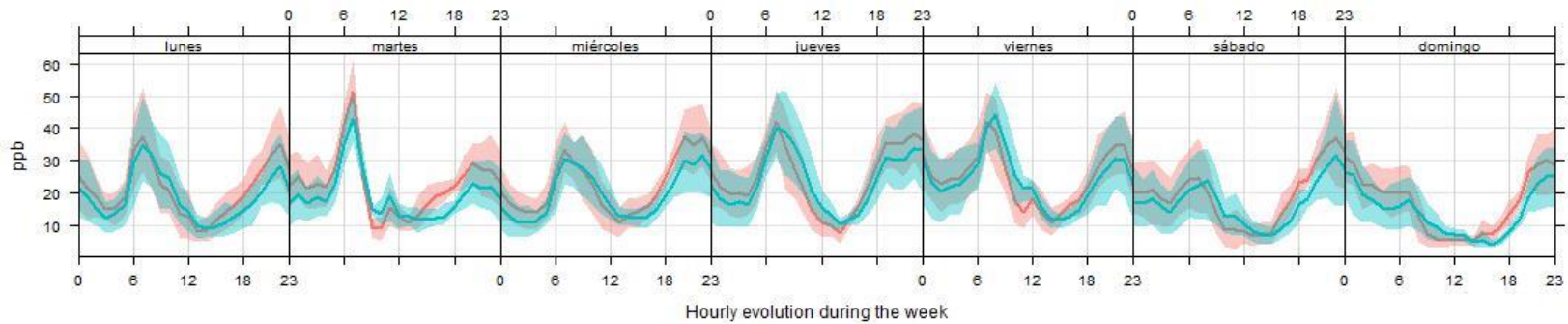
**Version:** KUNAKAIR V2.



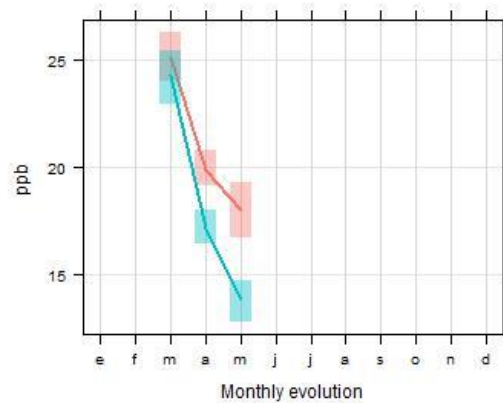
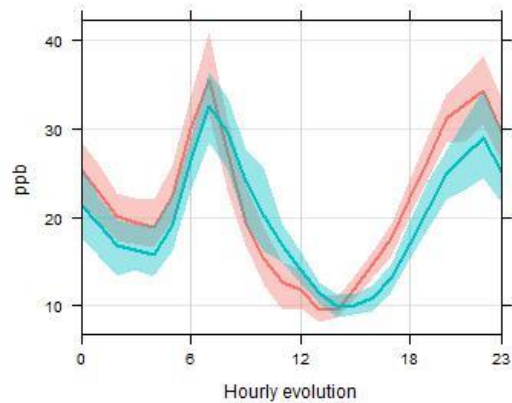
## DQO / Relative error / Expanded Uncertainty



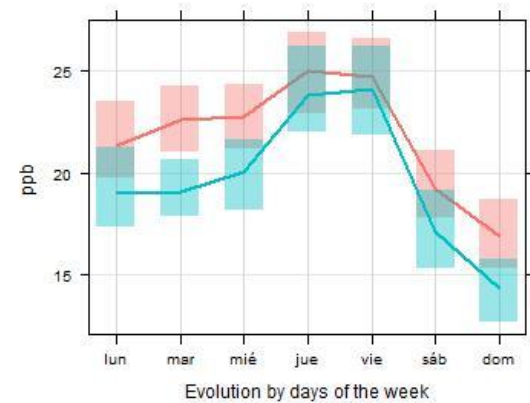
Time variation of Kunak Air V2 and Ref. Palau Reial : NO<sub>2</sub> GCc



Hourly evolution during the week



Mean and 95% confidence interval in mean



R <sup>2</sup>	ACCY (PPB)	90% CONF. (PPB)	DOQ (PPB)	AVG. GC. REF (PPB)	AVG. GC. DUT (PPB)	AV REF/DUT
0,87	4,80	9,01	48	19,64	21,79	97,7% / 99,3%

**Comments:** The KunakAir V2, tracks perfectly the weekly variations as well as the hourly, daily and monthly concentrations comparing to the reference instrument. DQO is met with excellent accuracy and correlation with very high data availability.