

Table 2. Summary of corrections applied to raw reactivity data for LSCE-CRM. Correction coefficients are obtained from experiments performed before, during and after the field campaign.

Correction	Correction factor	Mean absolute change in OH reactivity (s^{-1})
Humidity changes between C2 & C3	-89.18 ± 2.16	+ 2.4
Not operating the CRM under pseudo first order conditions	$F = (-0.52 \pm 0.20) \times (\text{pyrrole-to-OH}) + (3.38 \pm 0.60)$	+ 10.0
Dilution	$D = 1.46$	+ 2.8

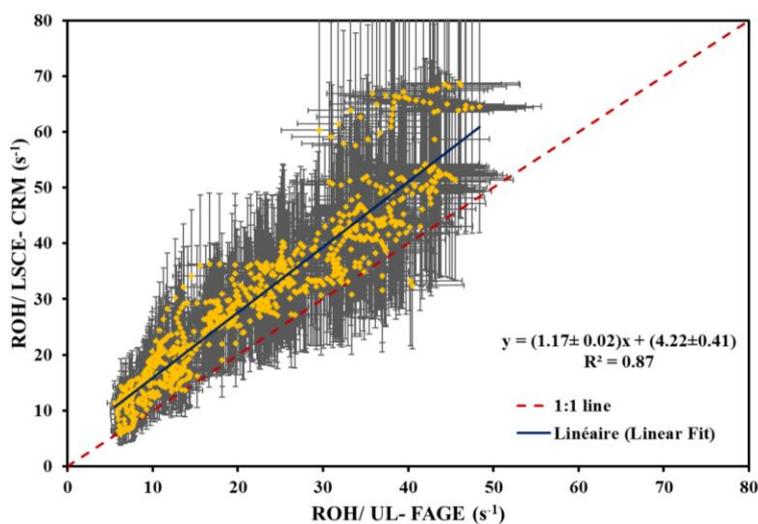


Figure 1. Measured reactivity by LSCE- CRM instrument as function of the measured reactivity by UL- FAGE when both instruments were measuring at the same location within the canopy (data resampled with a time resolution of 1 min). Errors bars represent the overall systematic uncertainty (1σ) that is around 15 % and 35 % for LP- LIF and the CRM, respectively.