



Supplement of

The impact of sampling strategy on the cloud droplet number concentration estimated from satellite data

Edward Gryspeerdt et al.

Correspondence to: Edward Gryspeerdt (e.gryspeerdt@imperial.ac.uk)

The copyright of individual parts of the supplement might differ from the article licence.

	All	Q06	G18	BR17	Z18
E-PEACE	62.80	62.68	49.40	30.57	50.56
FASE	52.01	52.24	55.14	55.49	45.56
MACAWS	41.69	39.11	44.83	39.84	41.69
MASE1	79.82	75.33	70.48	72.52	65.45
MASE2	46.39	46.90	56.01	46.32	57.41
VOCALS	77.90	77.71	71.21	64.17	48.49
ORACLES	52.52	52.66	51.42	41.59	43.34
NAAMES	100.67	102.00	100.28	122.87	111.30
SOCRATES	44.55	46.72	44.47	22.40	59.02
COPE	138.92	141.07	153.03	nan	154.06
ACTIVATE	255.92	201.05	198.09	139.01	252.48
Average	86.66	81.59	81.31	63.48	84.49
All	75.97	69.85	64.31	51.09	82.80

Table S1. Root mean squared deviation (RMSD) for MODIS-In situ comparisons for the 2.1 μm retrieval. “-” indicates too few points to calculate a correlation. The “Average” row is the mean RMSD across the campaigns and the “All” row is the RMSD for all the valid data points across all campaigns.

	All	Q06	G18	BR17	Z18
E-PEACE	12.70	13.28	3.16	-4.63	-8.17
FASE	-9.73	-7.85	-5.27	-6.39	-6.64
MACAWS	3.22	2.22	4.86	5.76	22.30
MASE1	-42.56	-39.19	-35.26	-31.01	-35.09
MASE2	16.11	16.91	20.89	32.26	6.81
VOCALS	36.90	43.78	56.88	50.66	42.20
ORACLES	-18.43	-18.15	-16.62	-6.97	-15.29
NAAMES	40.91	42.42	45.38	79.71	68.55
SOCRATES	9.85	10.07	17.91	10.17	23.75
COPE	-114.96	-121.05	-133.92	nan	-133.73
ACTIVATE	-184.53	-146.36	-157.72	-112.38	-195.78
Average	-22.77	-18.54	-18.16	1.72	-21.01
All	-9.71	-7.05	-6.61	-4.36	-15.33

Table S2. As Tab. S1 but for the mean bias.