

	Layer	300–200 hPa	500–300 hPa	700–500 hPa	Surface–700 hPa	Surface layer
Santa Cruz	$r$	0.79	0.75	0.57	0.62	0.60
	Bias (%)	−4.2	7.1	7.3	−2.3	−2.7
	RMSE (ppbv)	22.9	12.7	8.4	6.3	5.6
Nairobi	$r$	0.76	0.79	0.85	0.90	0.82
	Bias (%)	−14.2	−3.3	4.9	6.5	22.8
	RMSE (ppbv)	13.0	7.4	5.1	3.5	6.6
Irene	$r$	0.70	0.82	0.82	0.61	0.39
	Bias (%)	5.7	7.3	8.6	20.7	60.3
	RMSE (ppbv)	13.6	8.6	7.8	12.3	18.7