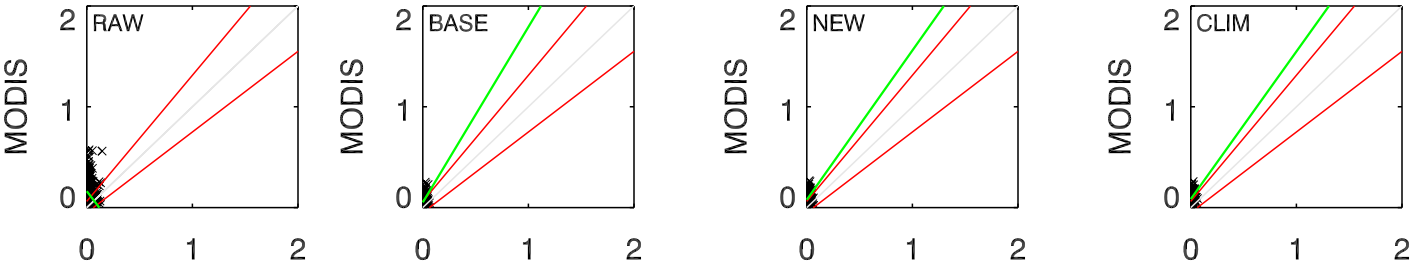
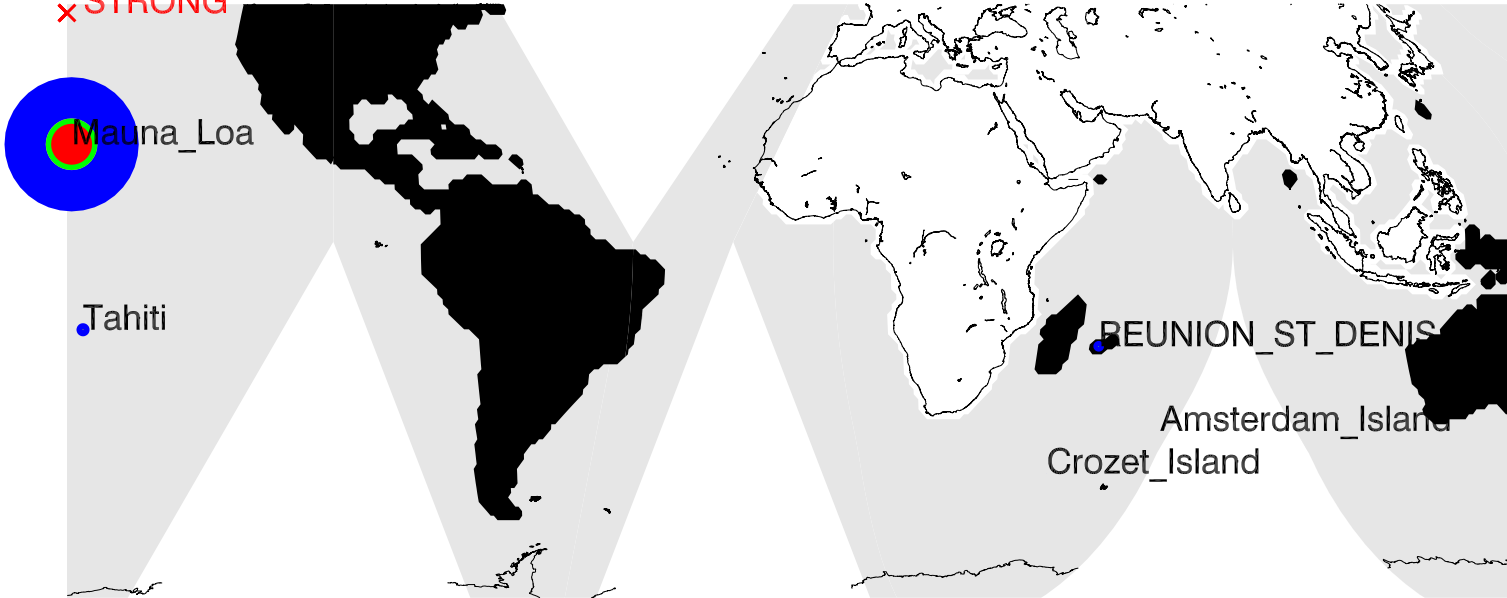


T 21.50S 15.50W ocean_NA
AERONET AOD: N= 1015 $\overline{\tau}$ =0.02 eta=0.57

MODIS τ

- x RAW
- x BASE
- x NEW
- x STRONG



Which	AERONET	MODIS AOD			MODIS-AERONET		% -/in/+ Tolerance	Regression	
		Mean	>0.2	>1.0	Mean Bias	RMSE		Slope	r ²
RAW	(N= 1015)	0.135	0.18	0.00	0.114	0.146	1/21/77	6.878	0.02
BASE	(N= 334)	0.074	0.01	0.00	0.061	0.075	0/44/54	6.129	0.80
NEW	(N= 331)	0.097	0.02	0.00	0.084	0.094	0/20/79	11.519	0.48
CLIM	(N= 300)	0.103	0.02	0.00	0.091	0.099	0/16/83	12.912	0.18

AERONET AOD > 0.2

Which	Noise	vs τ_A		vs τ_M		Est.@	Est.@	Est.@	Est.@	Est.@
	Floor	Diagnostic		Prognostic		0.1	0.2	0.4	0.6	1.0
RAW	0.146	*****	+ ***** τ	-0.01	+ 0.95 τ	0.15	0.18	0.37	0.56	0.95
BASE	0.075	*****	+ ***** τ	*****	+ ***** τ	0.07	0.07	0.07	0.07	0.07
NEW	0.094	*****	+ ***** τ	*****	+ ***** τ	0.09	0.09	0.09	0.09	0.09
CLIM	0.099	*****	+ ***** τ	*****	+ ***** τ	0.10	0.10	0.10	0.10	0.10