

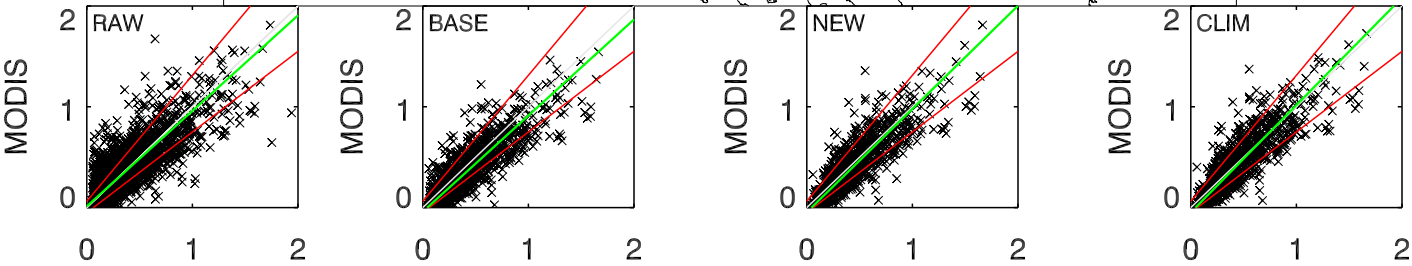
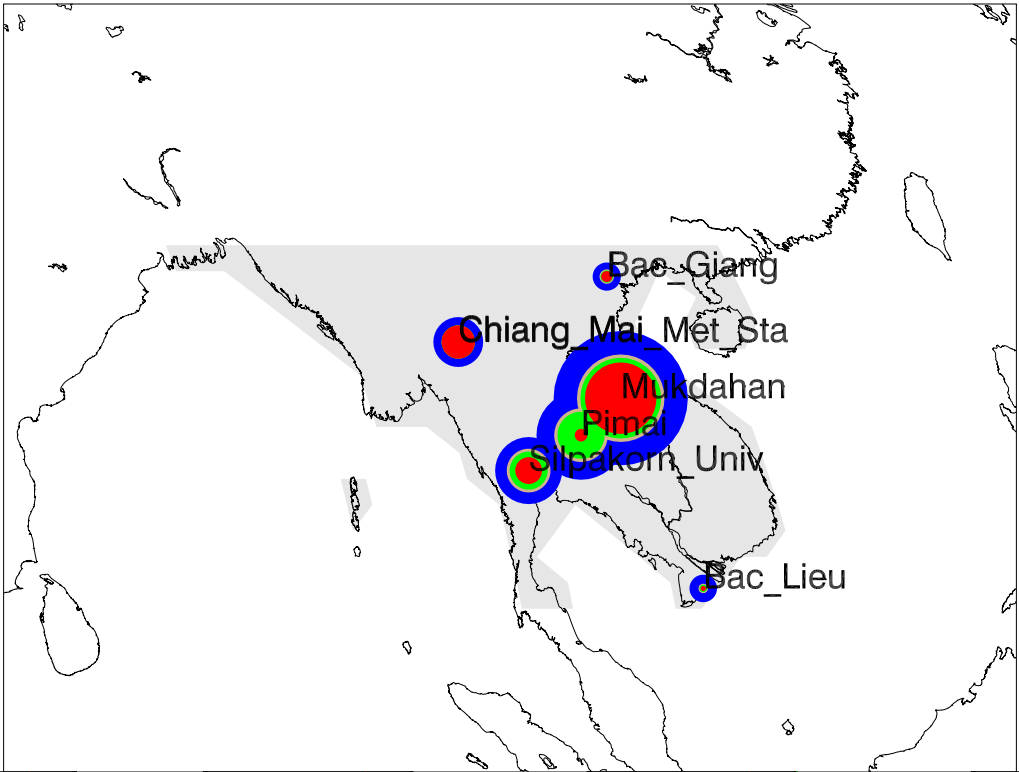
T

17.50N 102.00E Peninsular Sout

AERONET AOD: N= 1780 $\overline{\tau}$ =0.42 eta=0.66

MODIS τ

- RAW
- BASE
- NEW
- STRONG



AERONET		AERONET			AERONET			AERONET		
Which		MODIS AOD	MODIS-AERONET			% -/in/+		Regression		
		Mean	>0.2	>1.0	Mean Bias	RMSE	Tolerance	Slope	r ²	
RAW	(N= 1780)	0.410	0.75	0.04	-0.009	0.196	23/53/22	0.907	0.49	
BASE	(N= 1086)	0.375	0.68	0.03	-0.061	0.164	30/59/ 9	0.868	0.62	
NEW	(N= 985)	0.400	0.69	0.04	-0.035	0.153	25/63/11	0.927	0.61	
CLIM	(N= 1003)	0.421	0.70	0.05	-0.020	0.152	22/65/11	0.963	0.61	
AERONET AOD > 0.2										
RAW	(N= 1318)	0.482	0.86	0.06	-0.037	0.203	26/58/15	0.893	0.49	
BASE	(N= 859)	0.444	0.81	0.03	-0.070	0.176	29/61/ 8	0.865	0.61	
NEW	(N= 789)	0.474	0.84	0.05	-0.034	0.166	22/64/12	0.925	0.60	
CLIM	(N= 807)	0.498	0.85	0.06	-0.016	0.165	21/65/13	0.962	0.60	
	Noise	vs τ_A		vs τ_M		Est.@	Est.@	Est.@	Est.@	Est.@
Which	Floor	Diagnostic		Prognostic		0.1	0.2	0.4	0.6	1.0
RAW	0.173	0.07 +	0.15 τ	0.07 +	0.19 τ	0.17	0.17	0.17	0.18	0.25
BASE	0.105	0.06 +	0.15 τ	0.06 +	0.14 τ	0.11	0.11	0.12	0.15	0.20
NEW	0.078	0.06 +	0.13 τ	0.02 +	0.21 τ	0.08	0.08	0.10	0.14	0.23
CLIM	0.078	0.07 +	0.11 τ	0.02 +	0.19 τ	0.08	0.08	0.10	0.13	0.21