(a) AERONET vs. MODIS AOD comparison

(b) Average collocated AERONET and MODIS AOD

(c) Comparison of spatial standard deviations

- $N_{MOD}>2$
- $N_{NEAR}>2$
- $N_{MATCH}>50$

Sampling distance (deg) vs. Correlation coefficient $R$

Sampling distance (deg) vs. Average AOD

Spatial SD correlation $R_{\sigma}$

Sampling distance (deg) vs. $\sigma$