

Interactive comment on “A global satellite view of aerosol cloud interactions” by C. Luo

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1. Although we can't rule out the correlative biases in the satellite retrieved datasets, since we use different datasets, this is reduced in likelihood. We used low reflectance (<20%) of TOMS AI data and got the same results as using AVHRR dataset. 2. Since the large scale forcing will be seasonally varying, we reduce the chance of this by using monthly anomalies from all months. 3. Since uncertainty of AVHRR AOT is less than 0.04, and uncertainty of total cloud amount less than 0.1. Our correlation of these anomalies from two data sets is meaningful to the extent that the standard deviation is larger than the uncertainty of each retrieval.

Interactive comment on Atmos. Chem. Phys. Discuss., 4, 6823, 2004.

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