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Interactive comment on "Analysis of CO in the

tropical troposphere using Aura satellite data and the GEOS-Chem model: insights into transport characteristics of the GEOS meteorological products" by J. Liu et al.

Anonymous Referee #2

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This is a intelligent and comprehensive analysis of CO in the tropics. I agree with the author that errors in transport are making it difficult to diagnose errors in CO emissions. This is an unfortunate state of affairs. I think, at certain points, their analysis could have been augmented by TRMM rainfall data and ACE/FTS CO data. However, it is already a large paper using multiple datasets, and it would be unreasonable to insist on more. I would recommend publication.

C8278

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 19631, 2010.