1. To have a consistent aerosol retrieval applied to various sensors onboard both low earth orbit (LEO) satellites and geostationary satellites Motivation based on the MODIS operational DT algorithm. Suite (VIIRS) on board the LEO Suomi-National Polar-orbiting Partnership (SNPP) and JPSS-NOAA20 satellite, as well as to are produced from 2019 - 2020 and then evaluated against AERONET and Marine Aerosol Network (MAN). 3. Note DT package MODIS Terra and Aqua product are slightly different than operational C6.1 product. The validation of DT package MODIS product are shown here. 4. Error statistics are generated, and uncertainty sources are

Intercomparisons among these products are performed for common regions.

