

A comment on optimization using satellite data, by L. Yurganov

Table. Balance box model estimates (based on burden anomalies)

Instrument and retrieval version	Based on standard burden (as retrieved)	Based on corrected/extrapolated burden
MOPITT V4	22	40
AIRS V5	17	34
IASI Optimal Estimation (OE)	26	36
IASI Spectral Fitting	25	Not determined
IASI Neural Network	18	Not determined