

Figure S 1. Vertical profile for median modeled (red) and measured (black) NO, NO₂, and CO for INTEX-A flight data binned by kilometer.

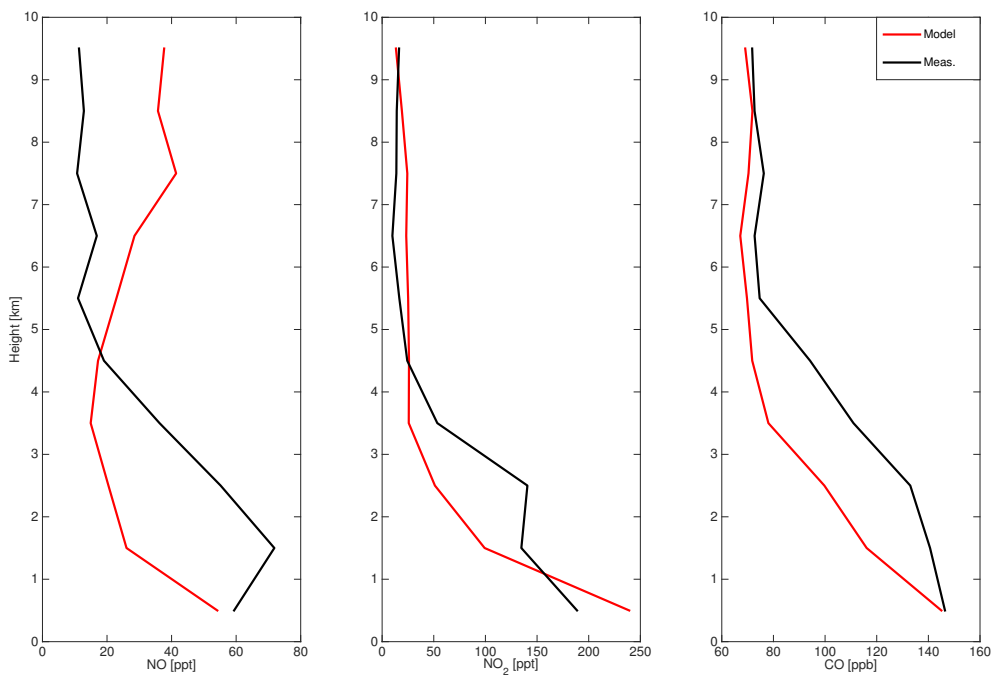


Figure S 2. Vertical profile for median modeled (red) and measured (black) NO, NO₂, and CO for Houston based INTEX-B flight data binned by kilometer

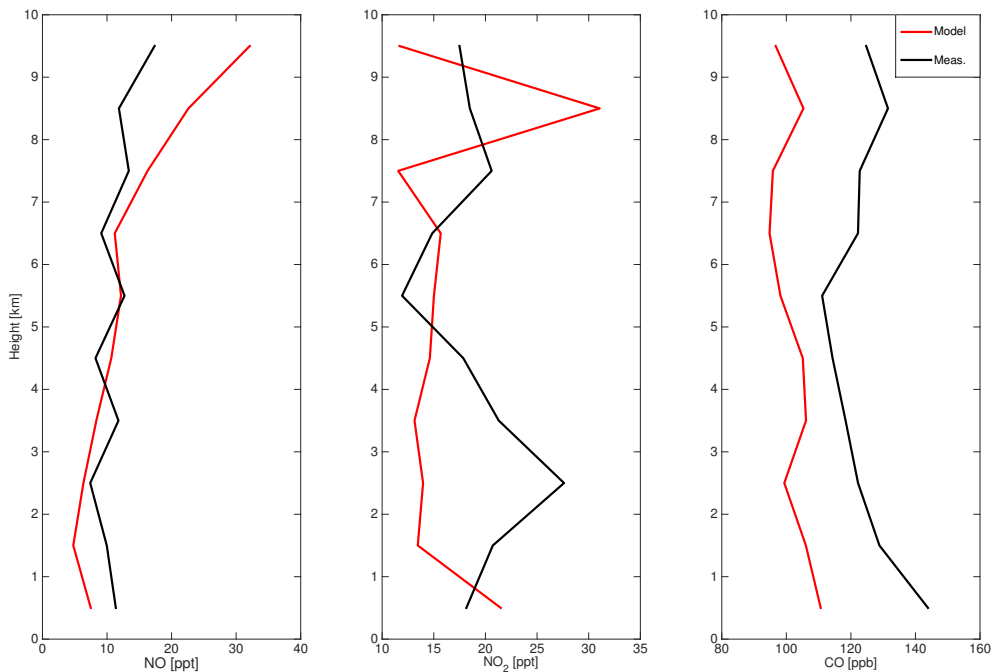


Figure S 3. Vertical profile for median modeled (red) and measured (black) NO, NO₂, and CO for Honolulu based INTEX-B flight data binned by kilometer

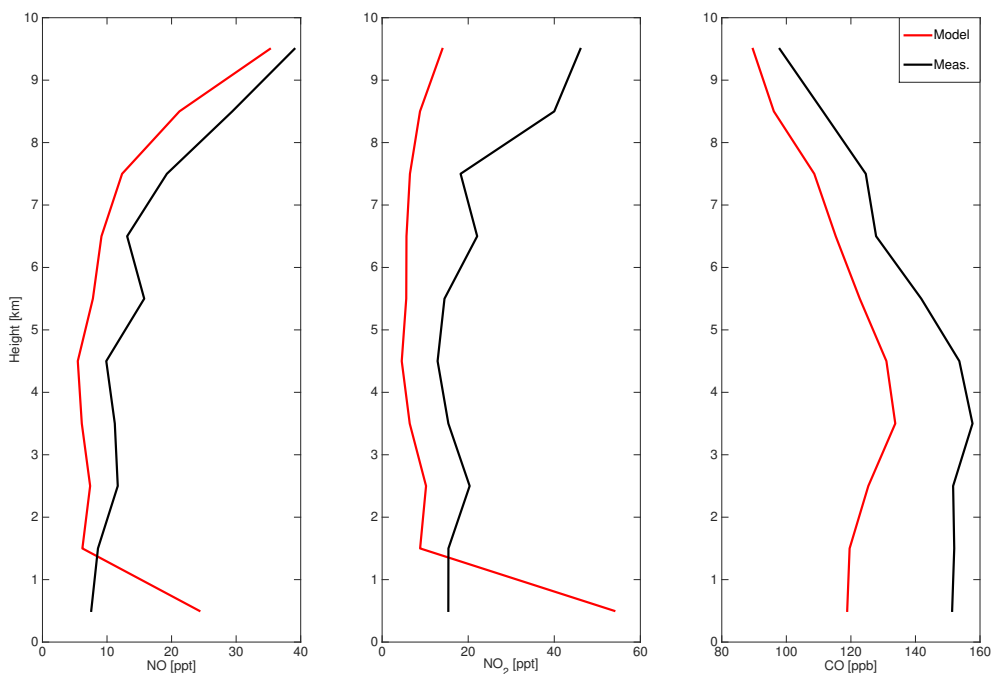


Figure S 4. Vertical profile for median modeled (red) and measured (black) NO, NO₂, and CO for Anchorage based INTEX-B flight data binned by kilometer