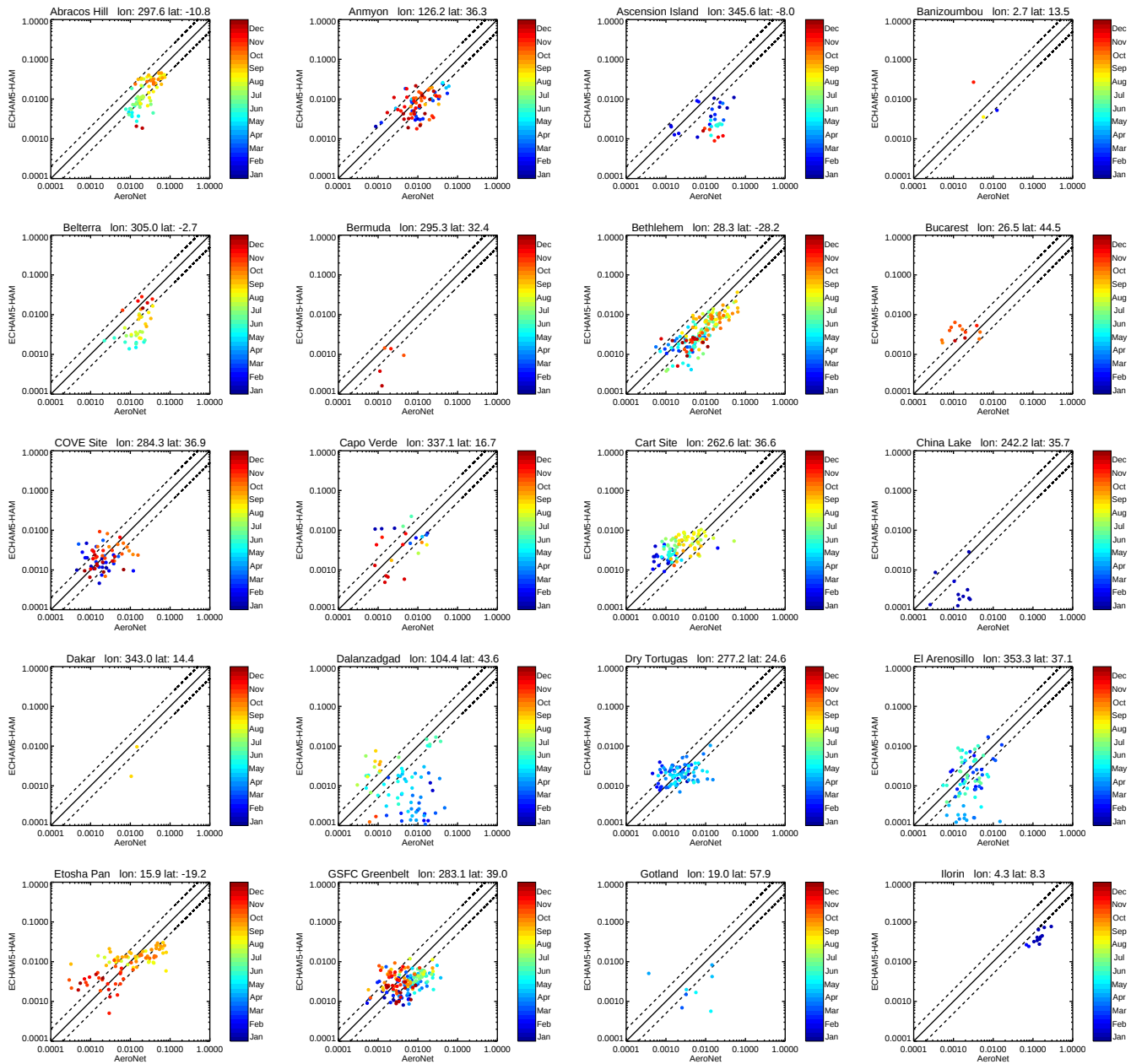
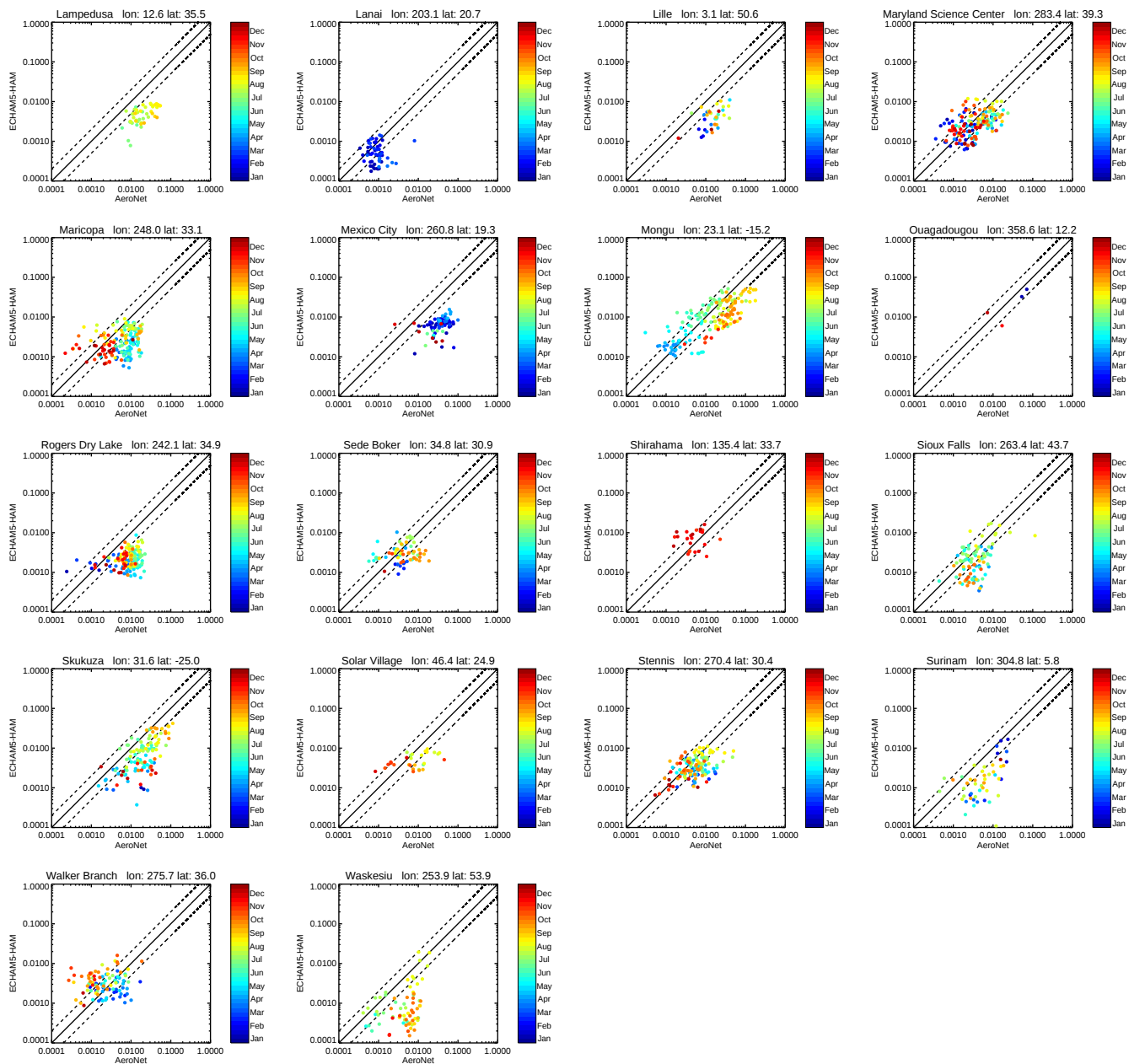


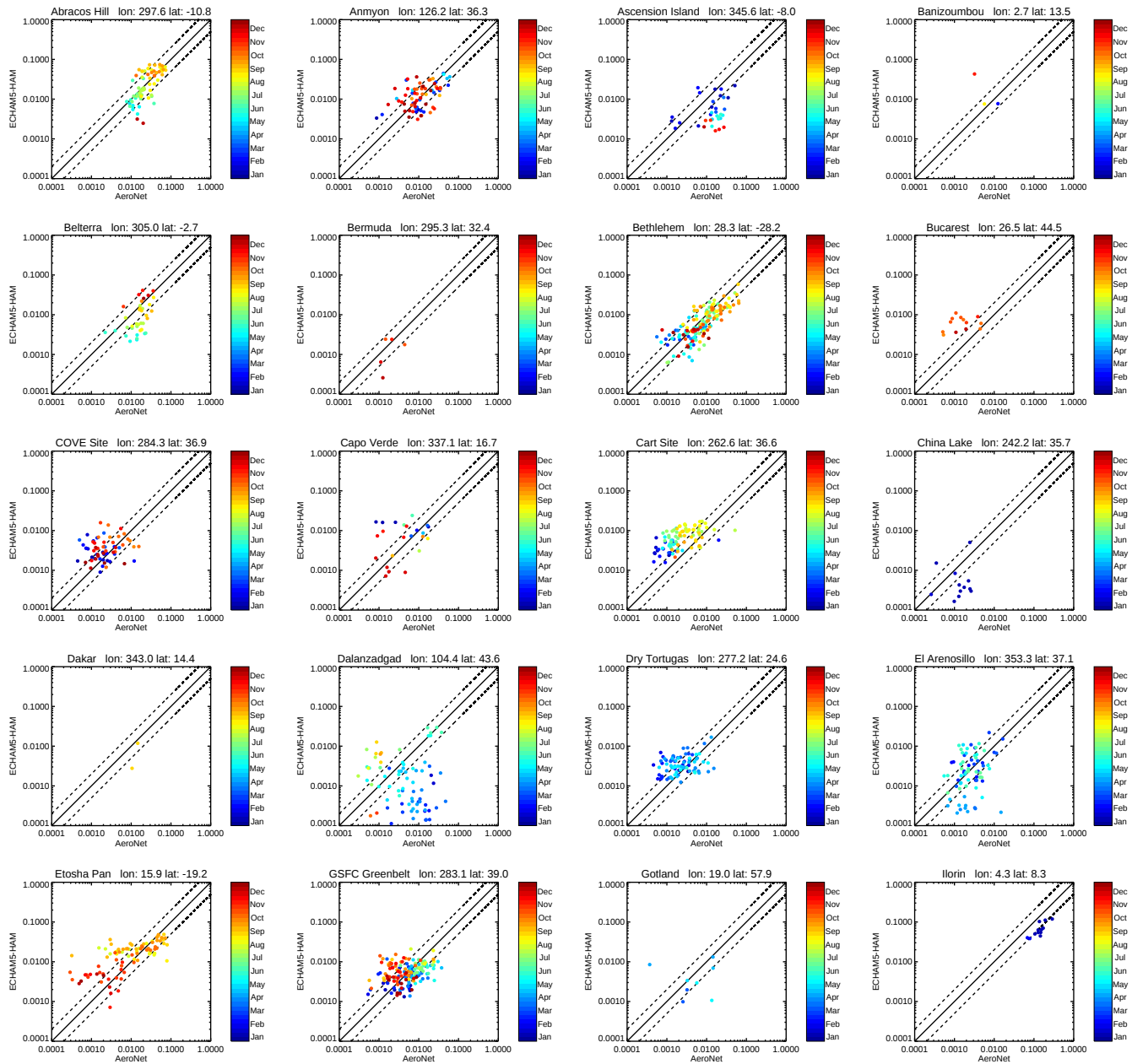
Supplemental online material: Scatterplots of daily-mean simulated and AERONET retrieved absorption optical depth for the sensitivity studies used in Figures 3, 5, and 6.



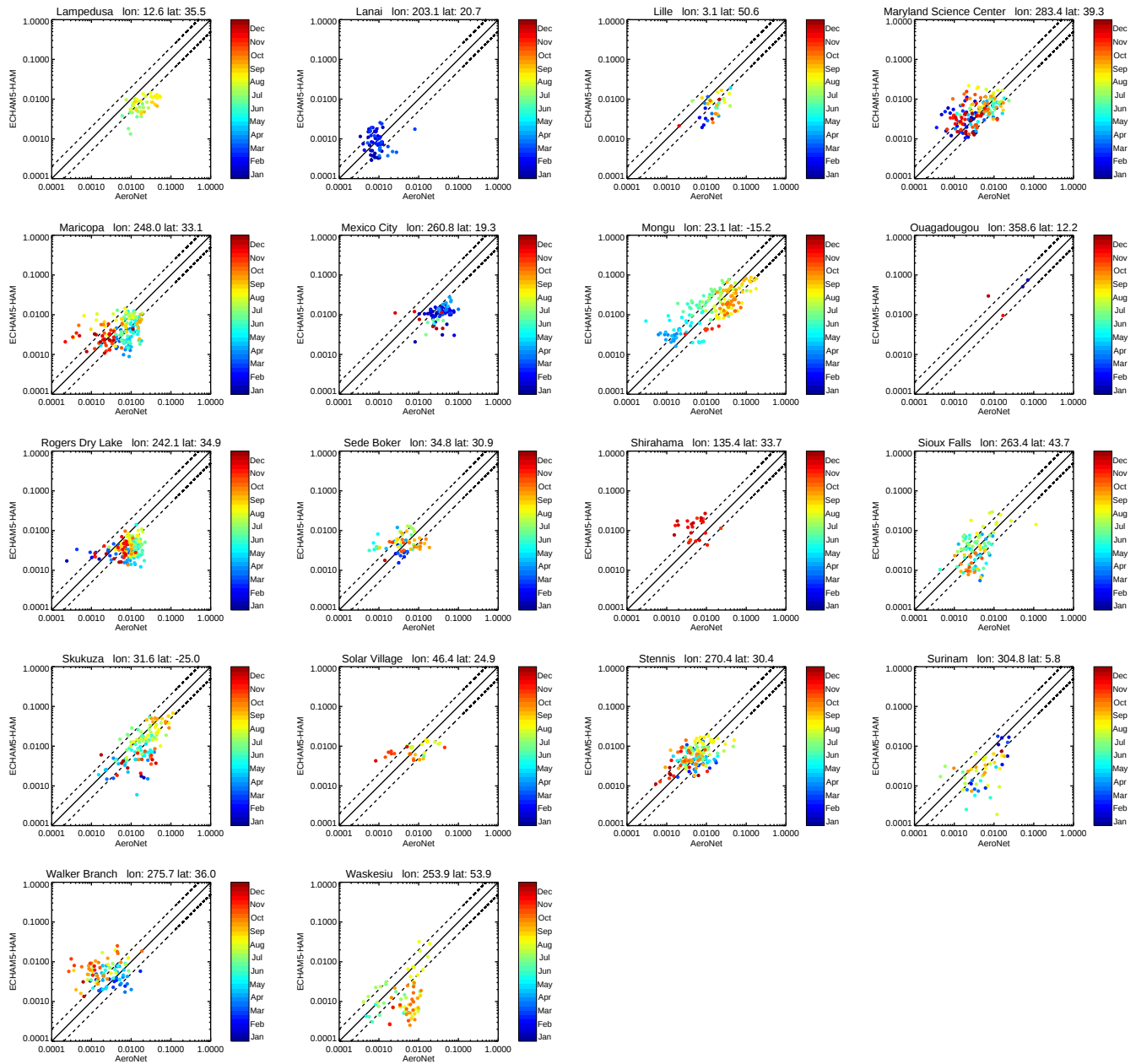
SOM-Fig. 1. Scatterplots of year 2000 daily-mean ECHAM5-HAM simulated and AERONET retrieved absorption optical depth at wavelength $\lambda = 550$ nm for the BASE simulation as used in Fig. 3 b). The ECHAM5-HAM output is sampled for each measurement date at the model grid box containing the measurement station. The seasonality is colour coded.



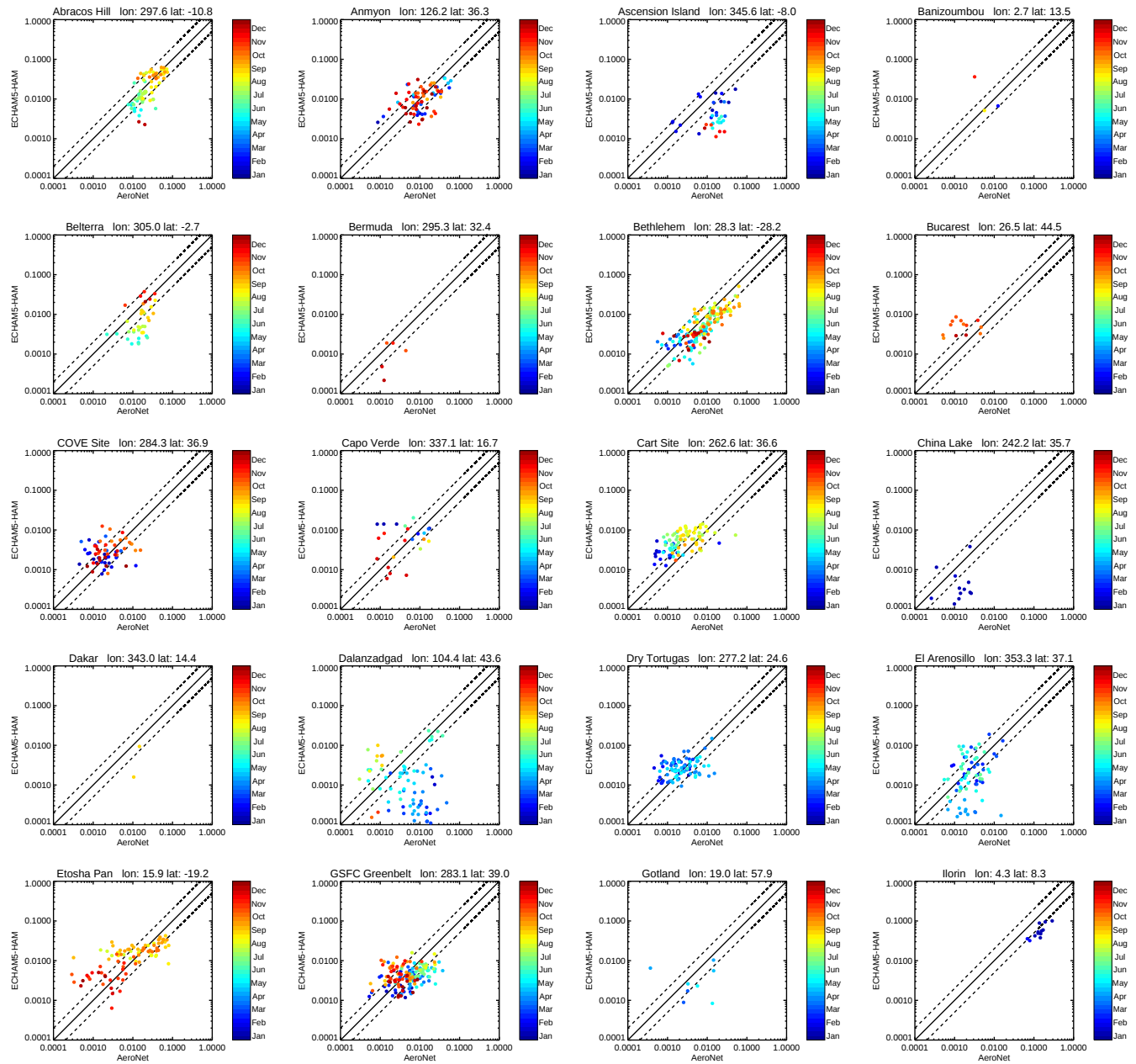
SOM-Fig. 1: (continued)



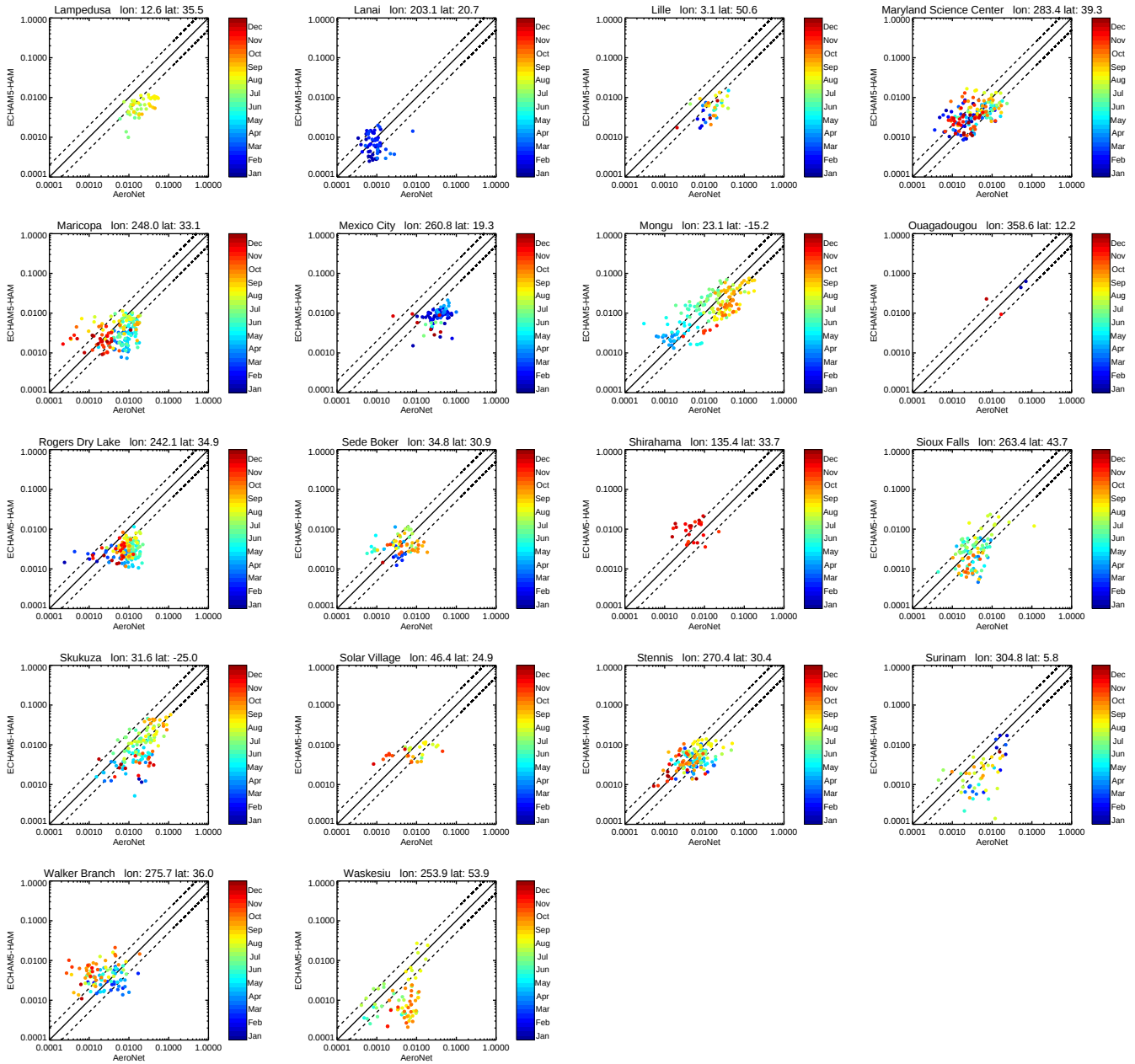
SOM-Fig. 2. Scatterplots of year 2000 daily-mean ECHAM5-HAM simulated and AERONET retrieved absorption optical depth at wavelength $\lambda = 550$ nm for the BB-H simulation as used in Fig. 5 b). The ECHAM5-HAM output is sampled for each measurement date at the model grid box containing the measurement station. The seasonality is colour coded.



SOM-Fig. 2: (continued)



SOM-Fig. 3. Scatterplots of year 2000 daily-mean ECHAM5-HAM simulated and AERONET retrieved absorption optical depth at wavelength $\lambda = 550$ nm for the BRUG simulation as used in Fig. 6 b). The ECHAM5-HAM output is sampled for each measurement date at the model grid box containing the measurement station. The seasonality is colour coded.



SOM-Fig. 3: (continued)