Regression of correlation between the TGM concentration and modeled atmospheric Hg⁰ concentration at CHC as a function of the emissions from the respective regions. The red horizontal line in each plot indicates the value of the correlation between the TGM concentration and Base (ASGM = OFF) modeled Hg^0 concentration at CHC The dashed blue line indicates the linear regression line on the correlation between the TGM concentration at CHC and the modeled Hg0 produces by different emission amounts from the respective regions.