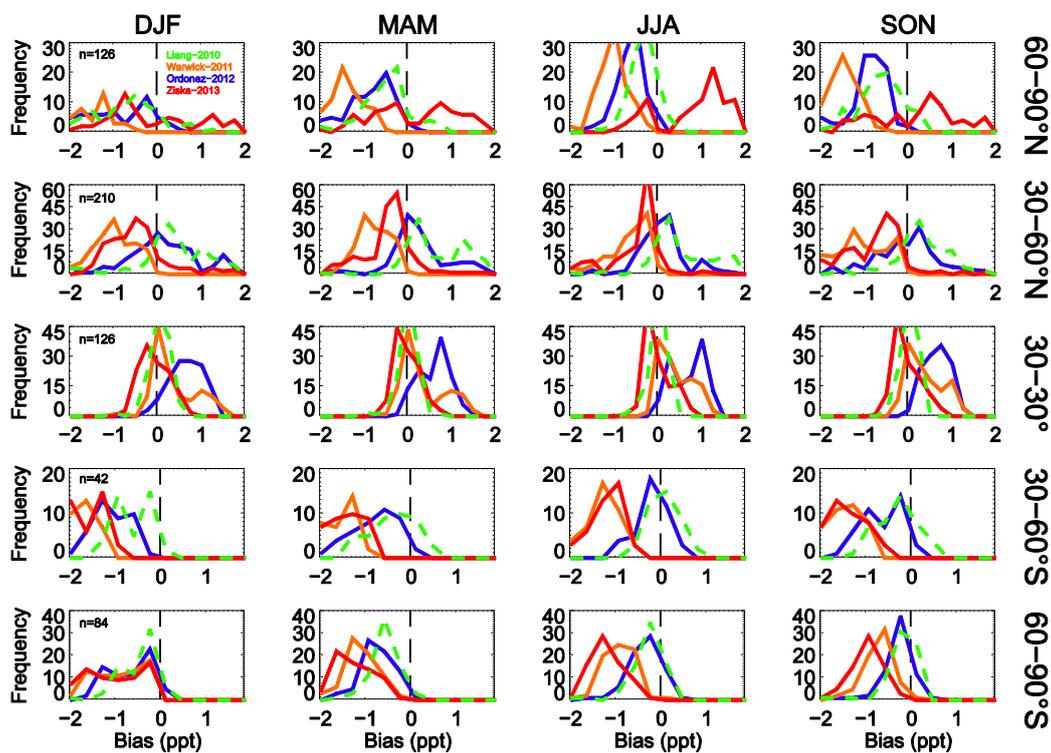
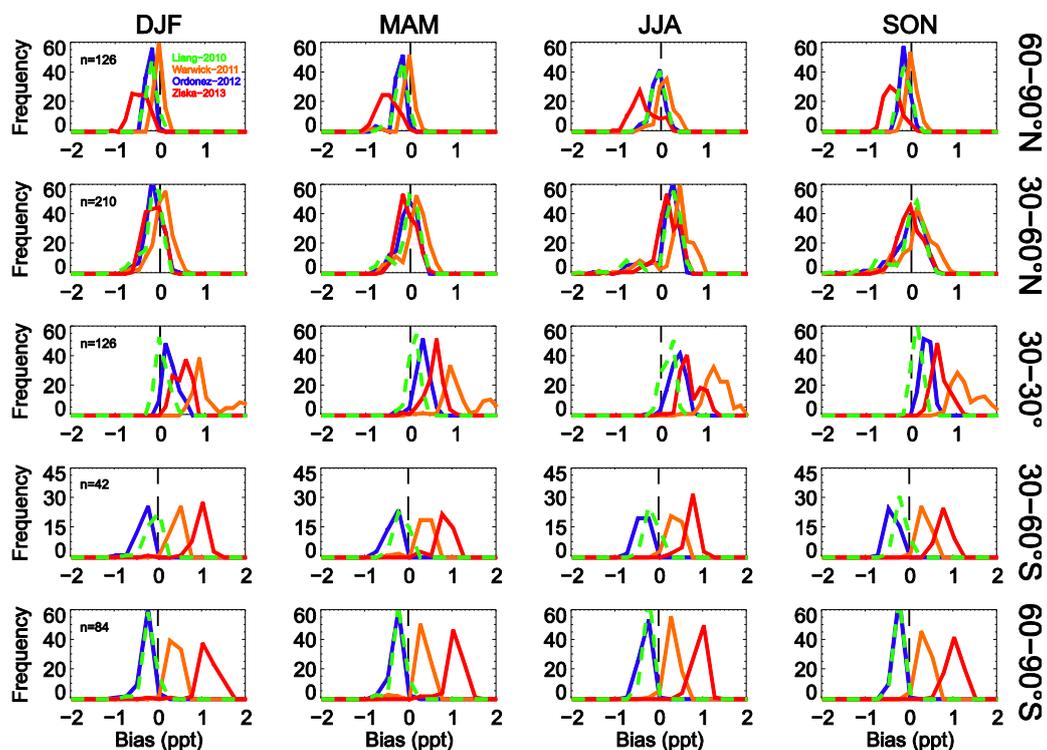


Supplementary material for:

‘Evaluating global emission inventories of biogenic bromocarbons’



**Figure 1:** Probability density function showing seasonal bias (ppt) between modelled and observed  $\text{CHBr}_3$  volume mixing ratio at NOAA/ESRL ground-based stations and for CTM runs  $S_{\text{Liang}}$ ,  $S_{\text{Warwick}}$ ,  $S_{\text{Ordenez}}$  and  $S_{\text{Ziska}}$ . Observations are grouped into 5 latitudinal bands and the number of data points ( $n$ ) for each comparison (within a band) is annotated at the start of each row. For  $n > 100$  a bin size of 0.25 ppt is used. For  $n < 100$  a bin size of 0.35 ppt is used. Note, within the 30-60° band observations from just 1 station are available.



**Figure 2:** As Figure 1 but for  $\text{CH}_2\text{Br}_2$ .