

NH "Summer" (Jun–Sep)

$-0.03 \pm 5.22$   
 $n=3881$

Model–data mismatch:  
Jun–Sep mean:  $7.55 \mu\text{mol mol}^{-1}$   
Nov–Apr mean:  $4.43 \mu\text{mol mol}^{-1}$

NH "Winter" (Nov–Apr)

$-0.50 \pm 3.09$   
 $n=7356$

Simulated–observed  $\Delta[\text{CO}_2]$ ,  $\mu\text{mol mol}^{-1}$

Data from 14–Feb–2002 to 31–Dec–2017

