

Supplementary

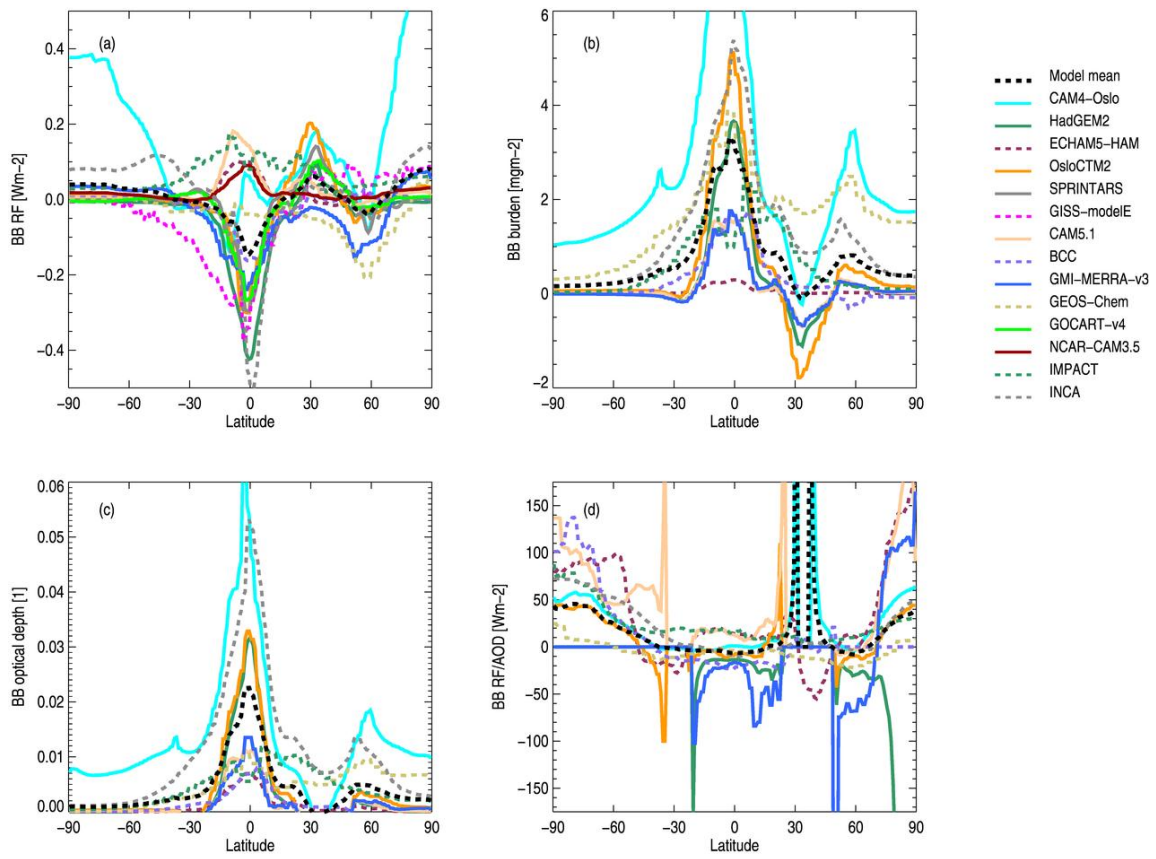


Figure S1: Zonal mean BB RF (a), burden (b), AOD at 550nm (c), NRF(A) (d)

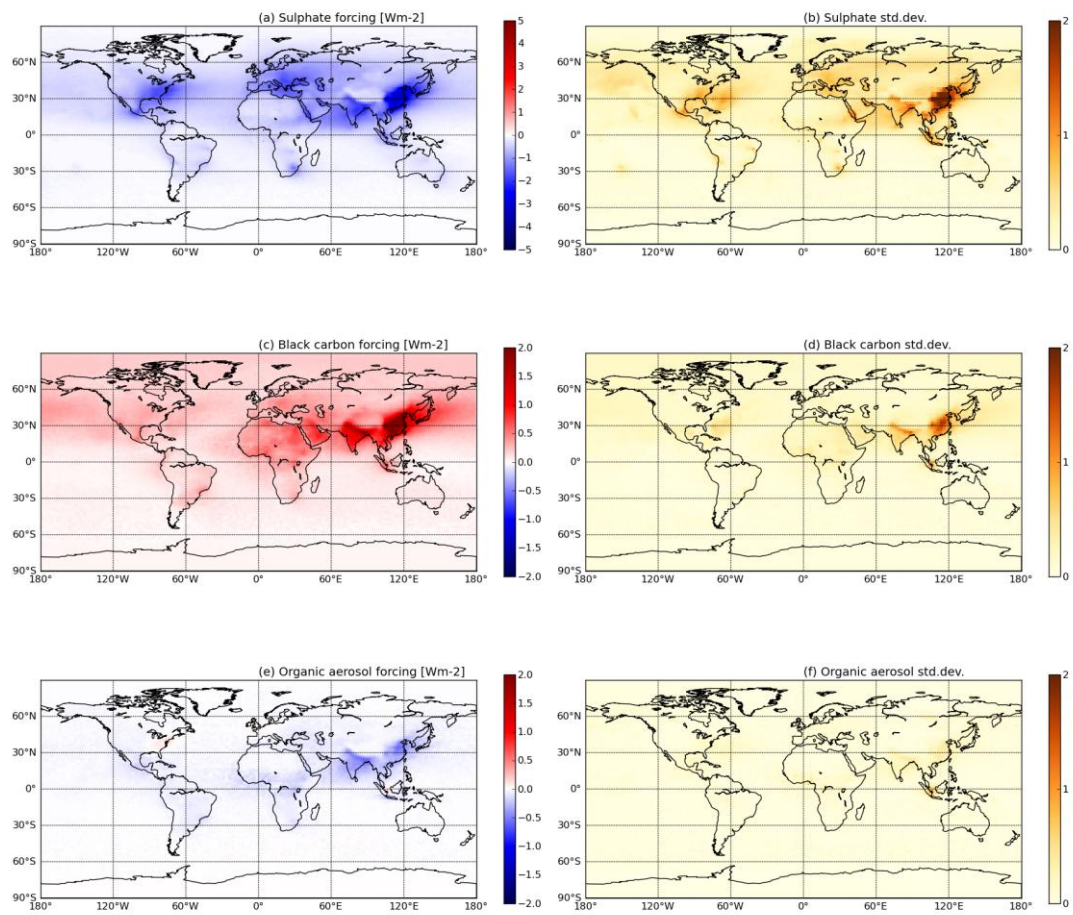


Figure S2: Model mean component RF (left) and standard deviation (right). Top row: SO4. Middle row: BC. Bottom row: OA.

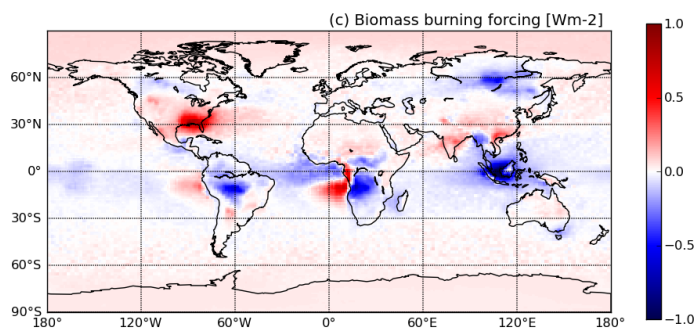
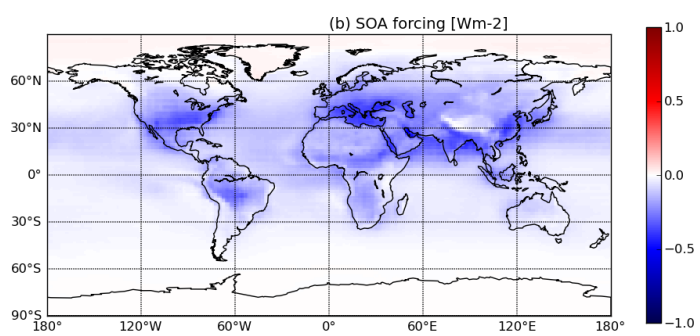
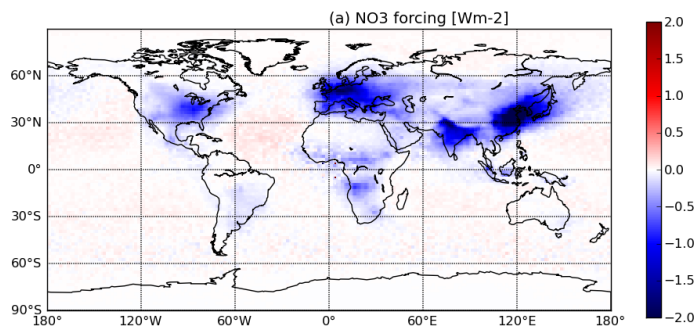


Figure S3: Model mean component RF. Top: NO₃. Middle: SOA. Bottom: BB.