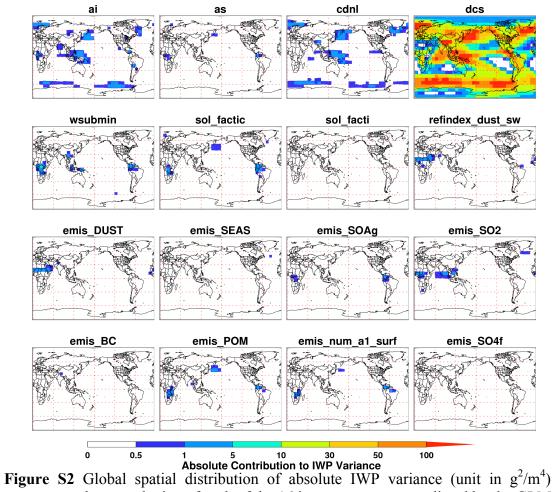


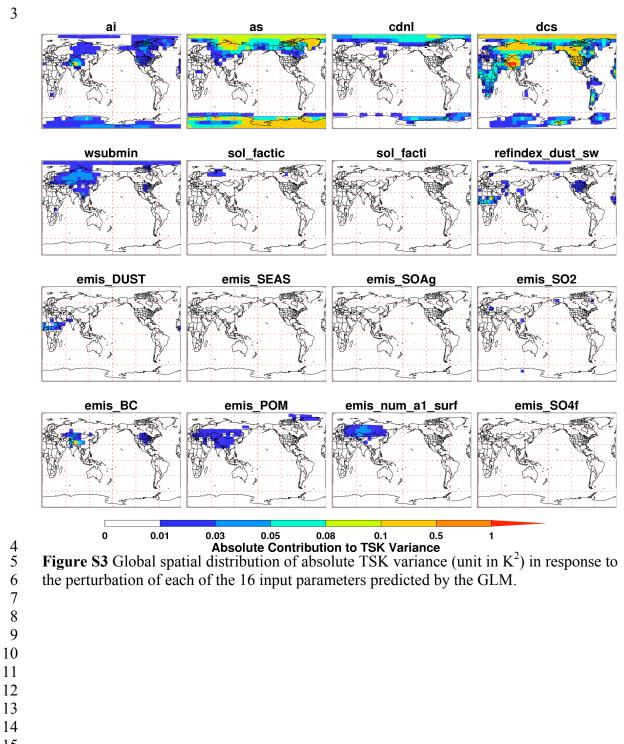
5 6 perturbation of each of the 16 input parameters predicted by the GLM.





Absolute Contribution to IWP Variance 5 **Figure S2** Global spatial distribution of absolute IWP variance (unit in g^2/m^4) in 6 response to the perturbation of each of the 16 input parameters predicted by the GLM.

3





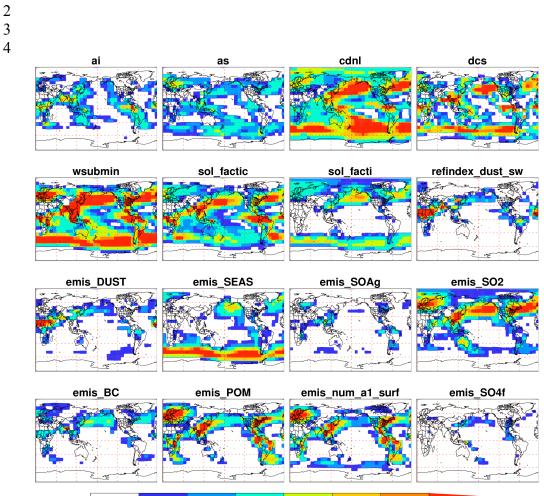


Figure S4 Global spatial distribution of absolute LWP variance (unit in g^2/m^4) in

response to the perturbation of each of the 16 input parameters predicted by the GLM.

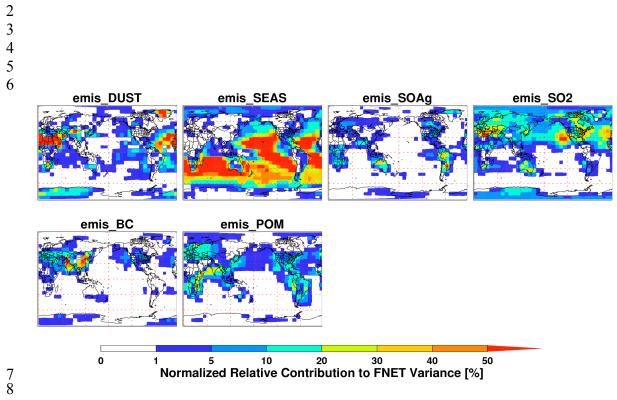


Figure S5 Global spatial distribution of normalized percentage of FNET variance in
response to the perturbation of 6 emission parameters predicted by the GLM.