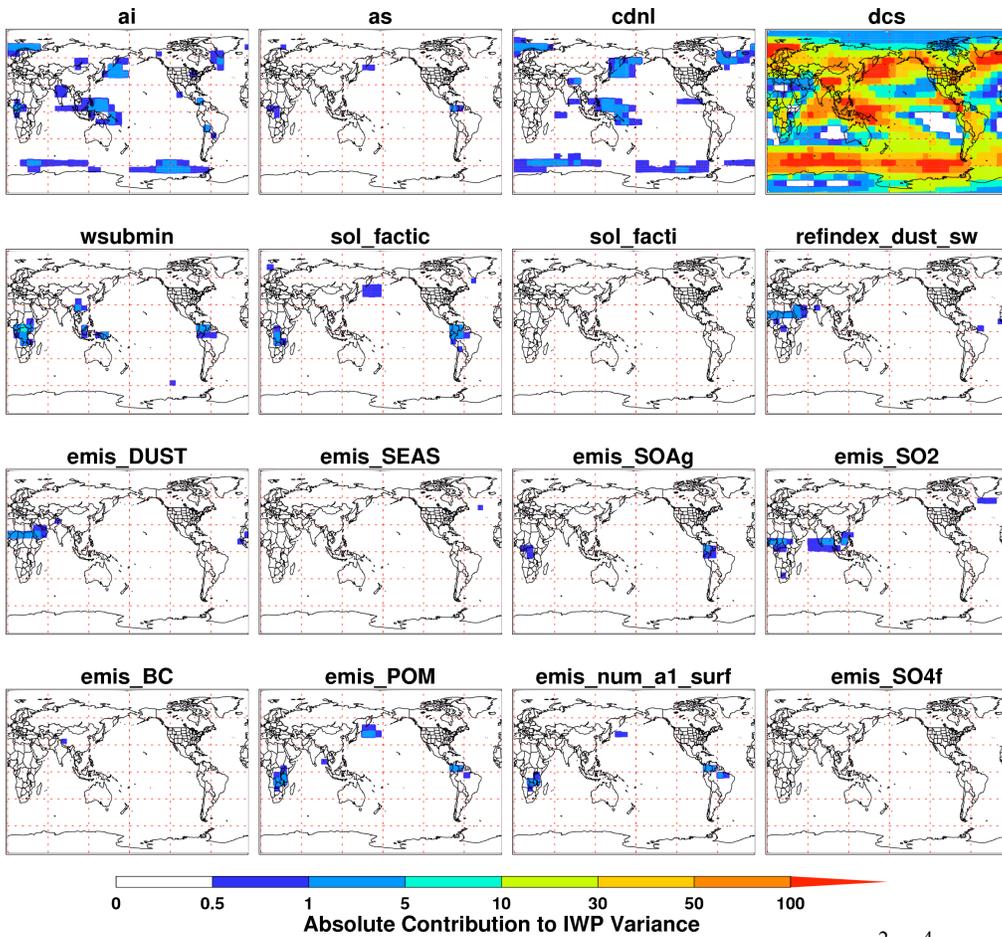
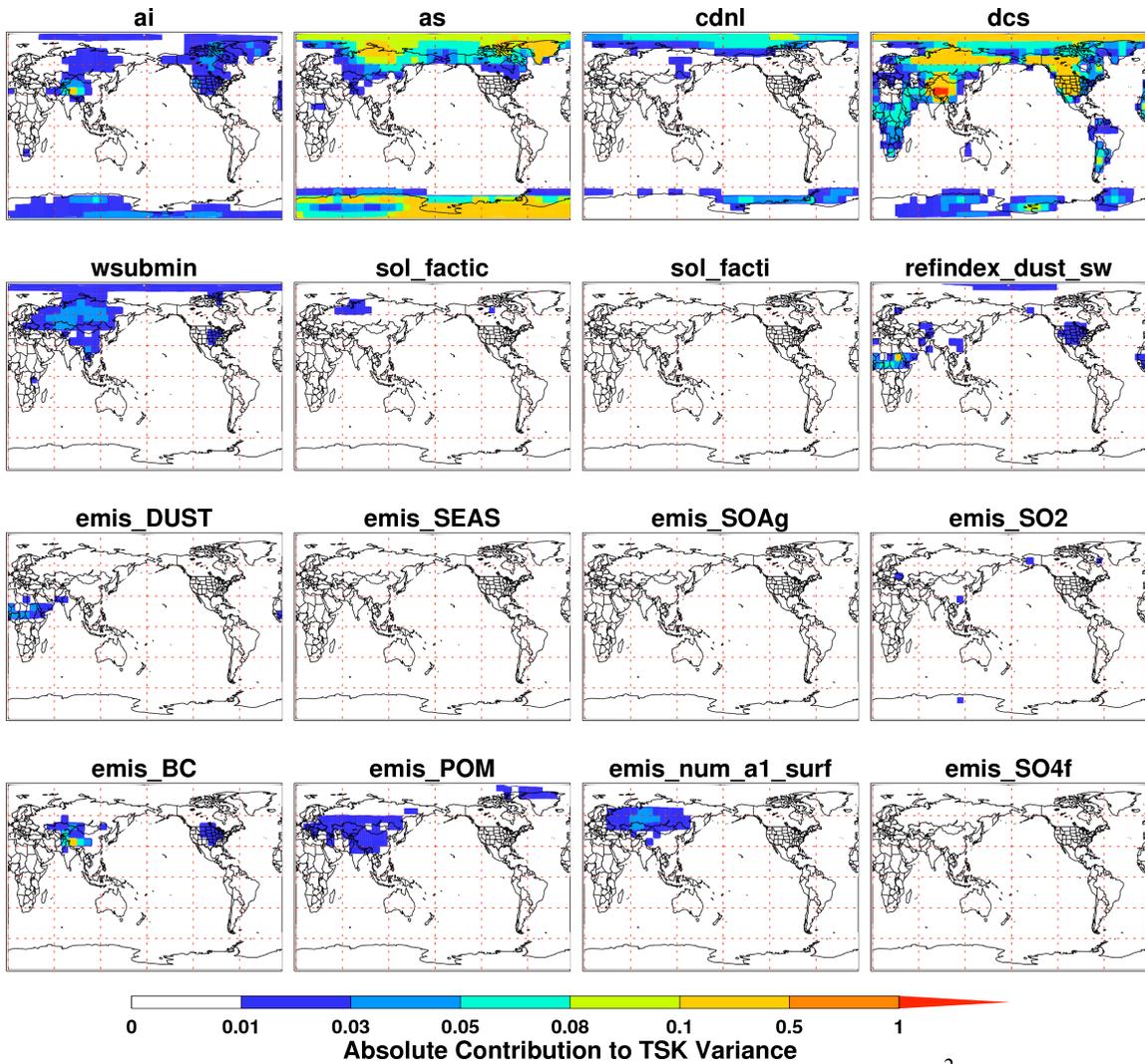


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6 **Figure S1** Global spatial distribution of absolute IWP variance (unit in  $\text{g}^2/\text{m}^4$ ) in response  
7 to the perturbation of each of the 16 input parameters predicted by the GLM.  
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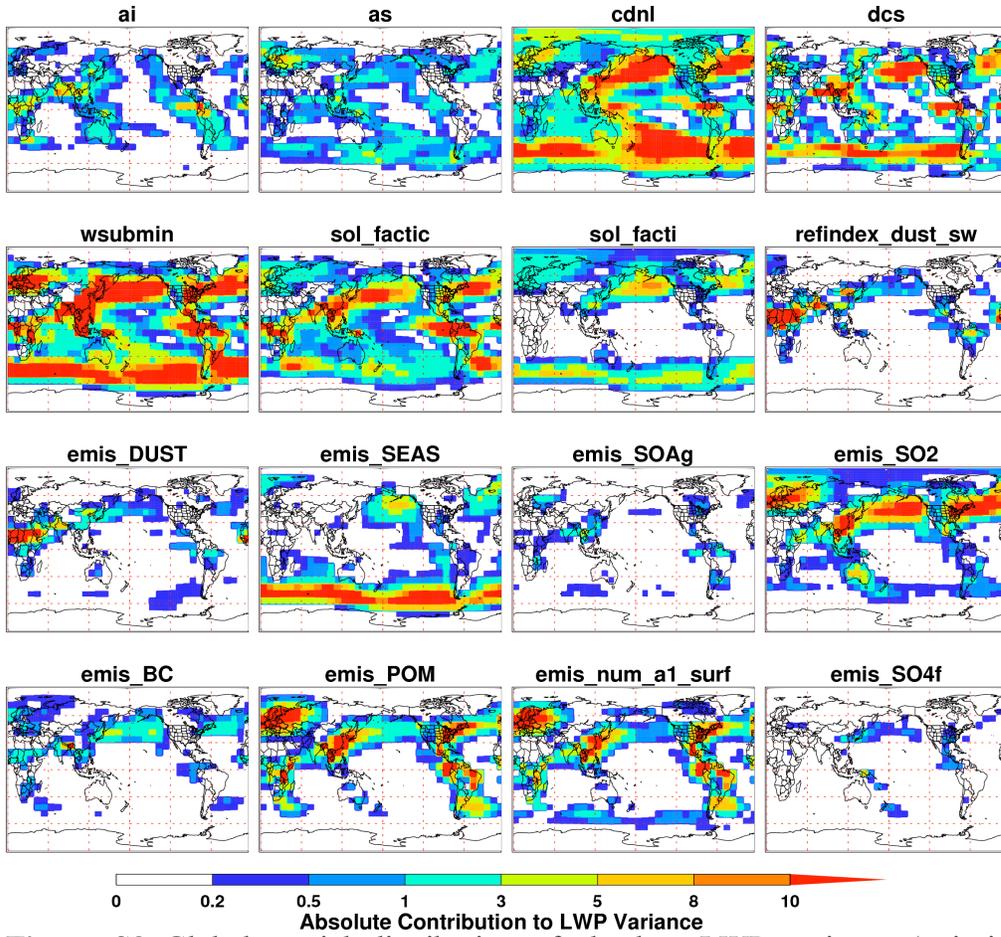
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6 **Figure S2** Global spatial distribution of absolute TSK variance (unit in  $K^2$ ) in response to  
7 the perturbation of each of the 16 input parameters predicted by the GLM.  
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7 **Figure S3** Global spatial distribution of absolute LWP variance (unit in  $\text{g}^2/\text{m}^4$ ) in  
8 response to the perturbation of each of the 16 input parameters predicted by the GLM.  
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