**Supporting Information for “Arctic Amplification: a Rapid Response to Radiative Forcing­­”**

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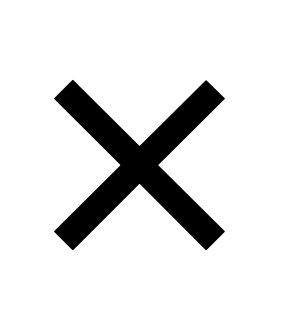
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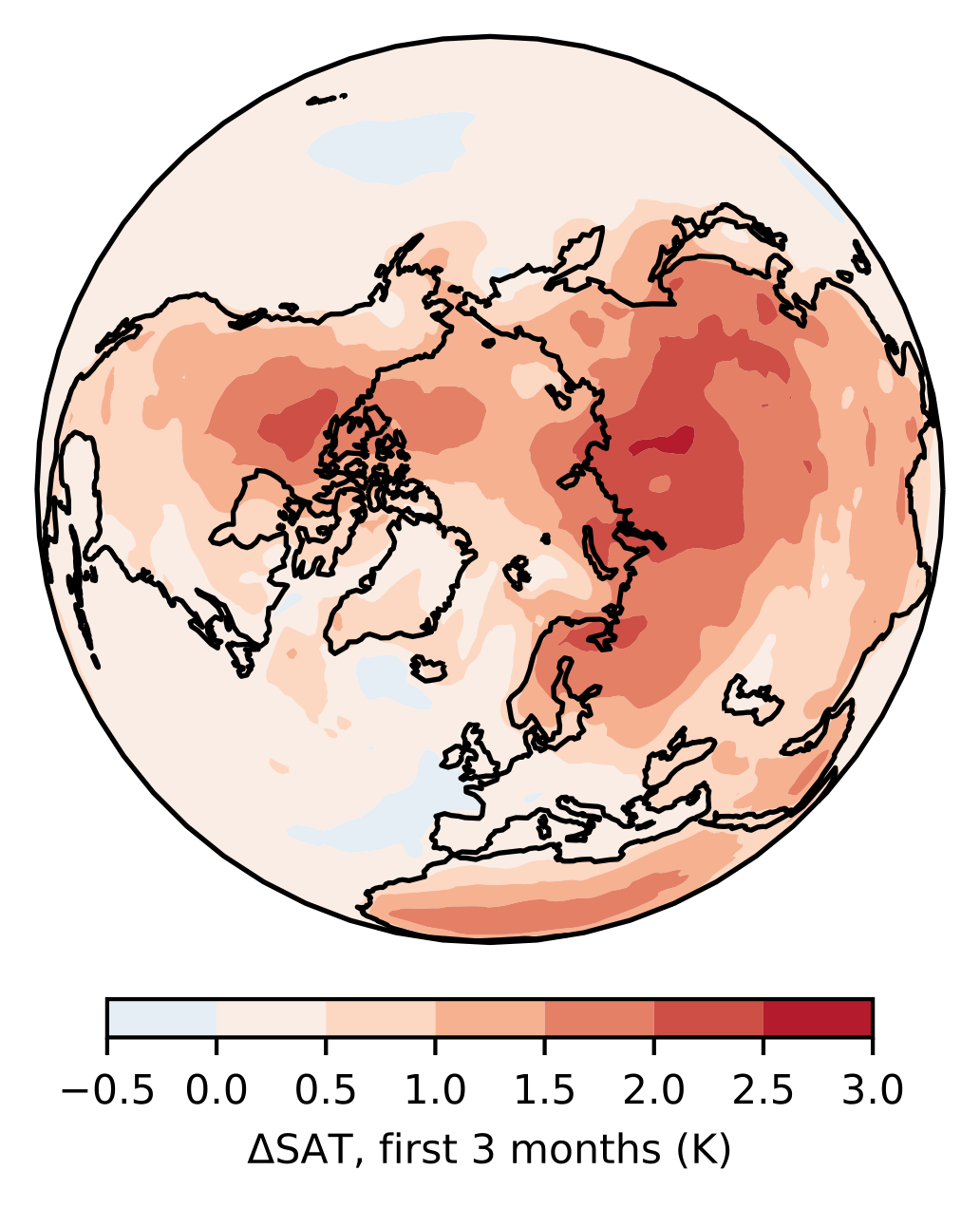
Figures S1-S3

**Figure S1.** Multimodel mean surface air temperature (SAT) response (in K) averaged over the first 3 months (January-March) of the CMIP5 simulations.

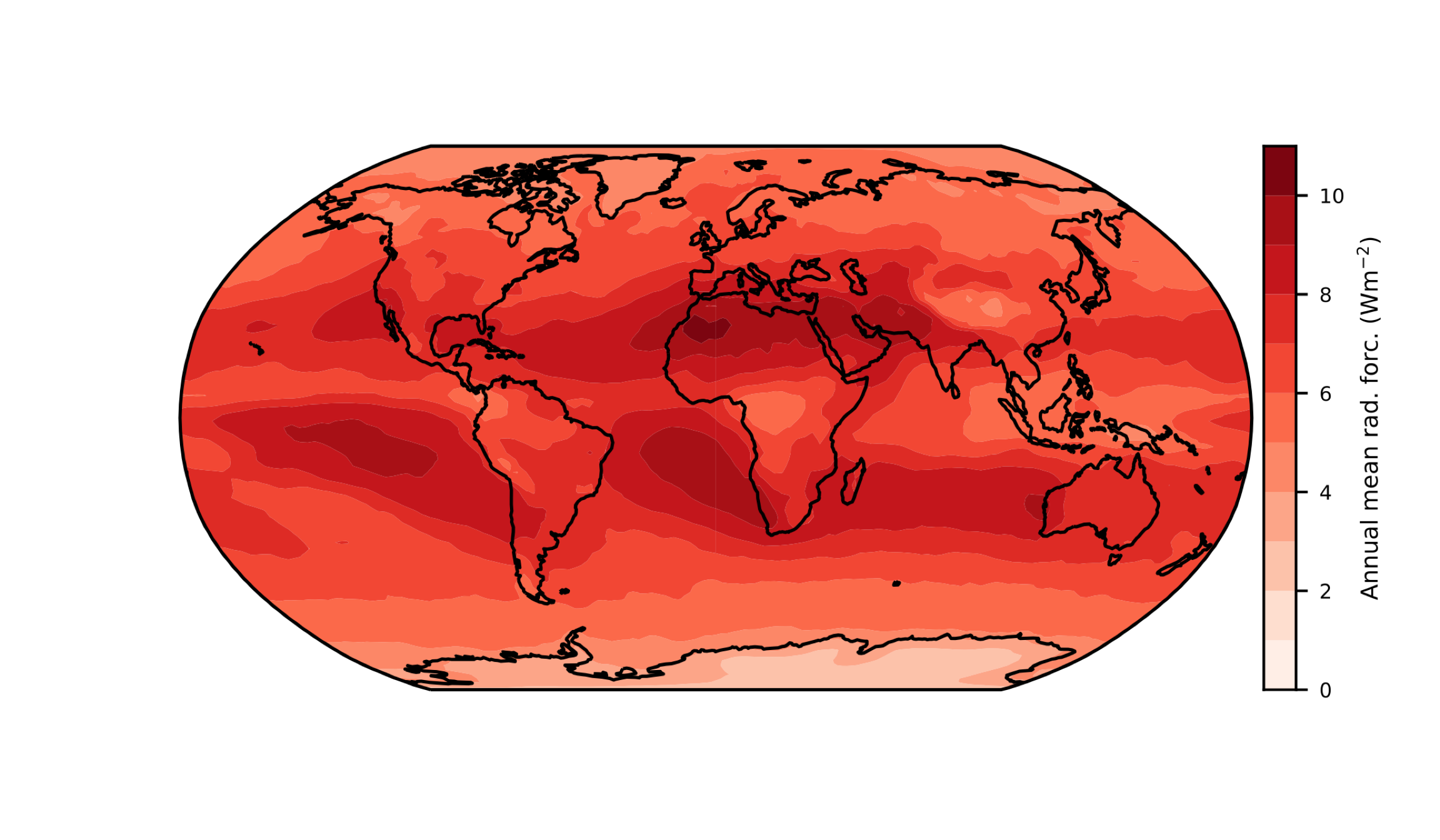
**Figure S2.** Annual mean stratosphere-adjusted radiative forcing (in W m-2) from 4CO2 as computed by PORT.

**Figure S3.** Anomalous (i.e., Arctic minus global) warming contributions from feedbacks and energy transport responses for (a) the first 3 months (January-March), (b) the first year, and (c) the last 30 years of the CMIP5 simulations. Colored circles represent individual models, and horizontal bars are the multimodel means.

**Figure S1.**



**Figure S2.**



**Figure S3.**

