

## Supporting Information for

Estimation of global China's contribution to the global greening over the past three decades

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### Introduction

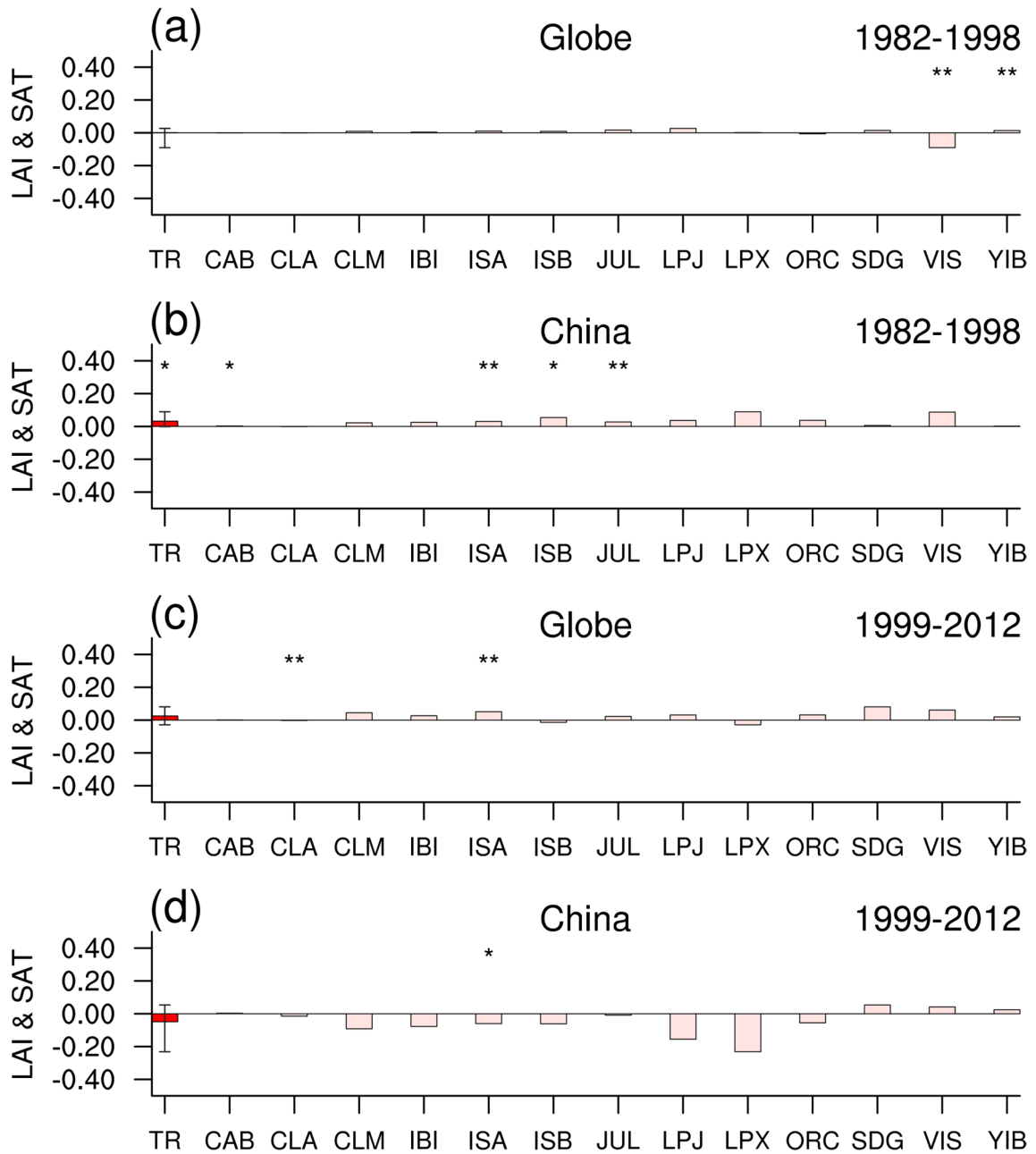
The supporting information consists of supplemental 2 figures.

Figure S1. Sensitivities of LAI to surface air temperature (SAT) during the growing season for (a, c) the globe and (b, d) China during (a, b) 1982–1998 and (c, d) 1999–2012, derived from 13 TRENDY models (unit: °C<sup>-1</sup>). TR means the average of TRENDY models. Horizontal lines indicate  $\pm\sigma$ . Two asterisks indicate that the trend is statistically significant ( $p < 0.05$ ) and one asterisks indicates statistical significance at the 0.1 level.

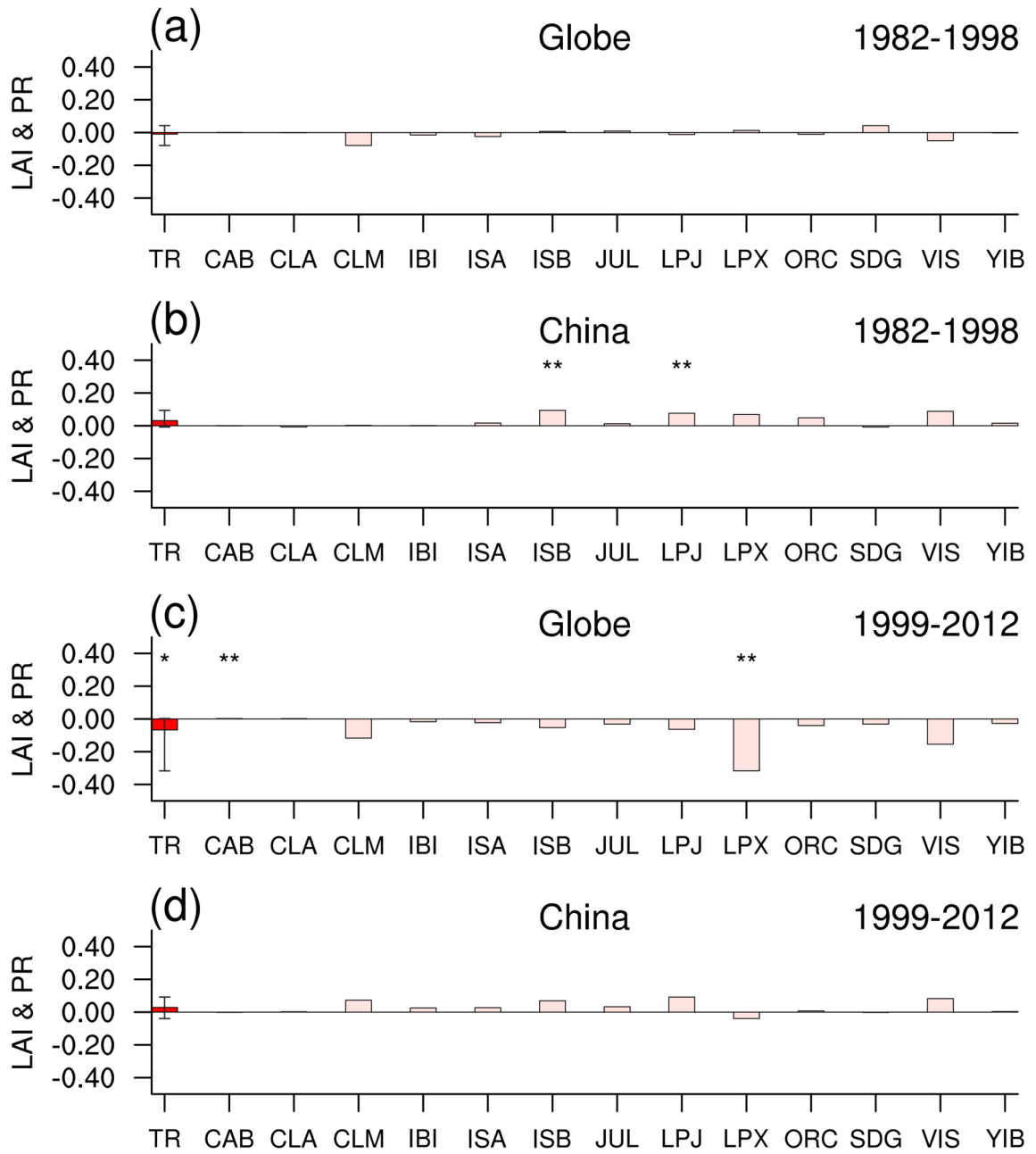
Figure S2. Sensitivities of LAI to precipitation (PR) during the growing season for (a, c) the globe and (b, d) China during (a, b) 1982–1998 and (c, d) 1999–2012, derived from 13 TRENDY models (unit: 0.01 mm<sup>-1</sup> year). TR means the average of TRENDY models. Horizontal lines indicate  $\pm\sigma$ . Two asterisks indicate that the trend is statistically significant ( $p < 0.05$ ) and one asterisks indicates statistical significance at the 0.1 level.

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**Figure S1.** Sensitivities of LAI to surface air temperature (SAT) during the growing season for (a, c) the globe and (b, d) China during (a, b) 1982–1998 and (c, d) 1999–2012, derived from 13 TRENDY models (unit:  $^{\circ}\text{C}^{-1}$ ). TR means the average of TRENDY models. Horizontal lines indicate  $\pm\sigma$ . Two asterisks indicate that the trend is statistically significant ( $p < 0.05$ ) and one asterisks indicates statistical significance at the 0.1 level.



**Figure S2.** Sensitivities of LAI to precipitation (PR) during the growing season for (a, c) the globe and (b, d) China during (a, b) 1982–1998 and (c, d) 1999–2012, derived from 13 TRENDY models (unit:  $0.01 \text{ mm}^{-1} \text{ year}$ ). TR means the average of TRENDY models. Horizontal lines indicate  $\pm\sigma$ . Two asterisks indicate that the trend is statistically significant ( $p < 0.05$ ) and one asterisks indicates statistical significance at the 0.1 level.