SI of The Cretaceous physiological adaptation of angiosperms to a declining pCO$_2$: a trait-oriented modelling approach

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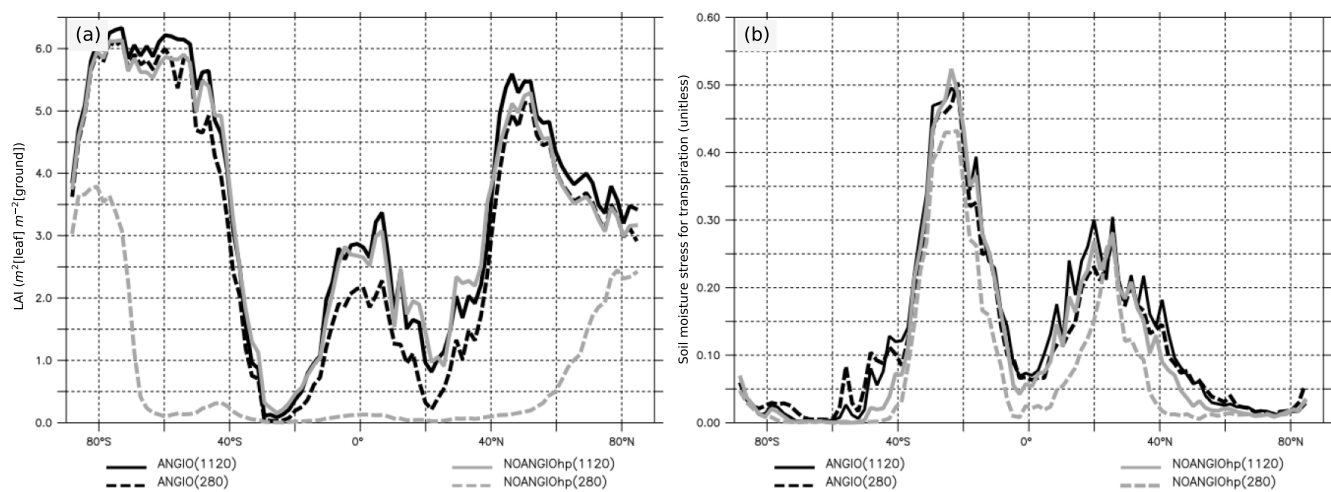**Correspondence:** Julia Bres (julia.bres@lsce.ipsl.fr)

Figure S 1. Annual zonal mean of (a) LAI (m^2[leaf] m^{-2}[ground]) and (b) soil moisture stress for transpiration (unitless) for ANGIO(1120) (black line), ANGIO(280) (black dashed line), NOANGIOhp(1120) (gray line) and NOANGIOhp(280) (gray dashed line).
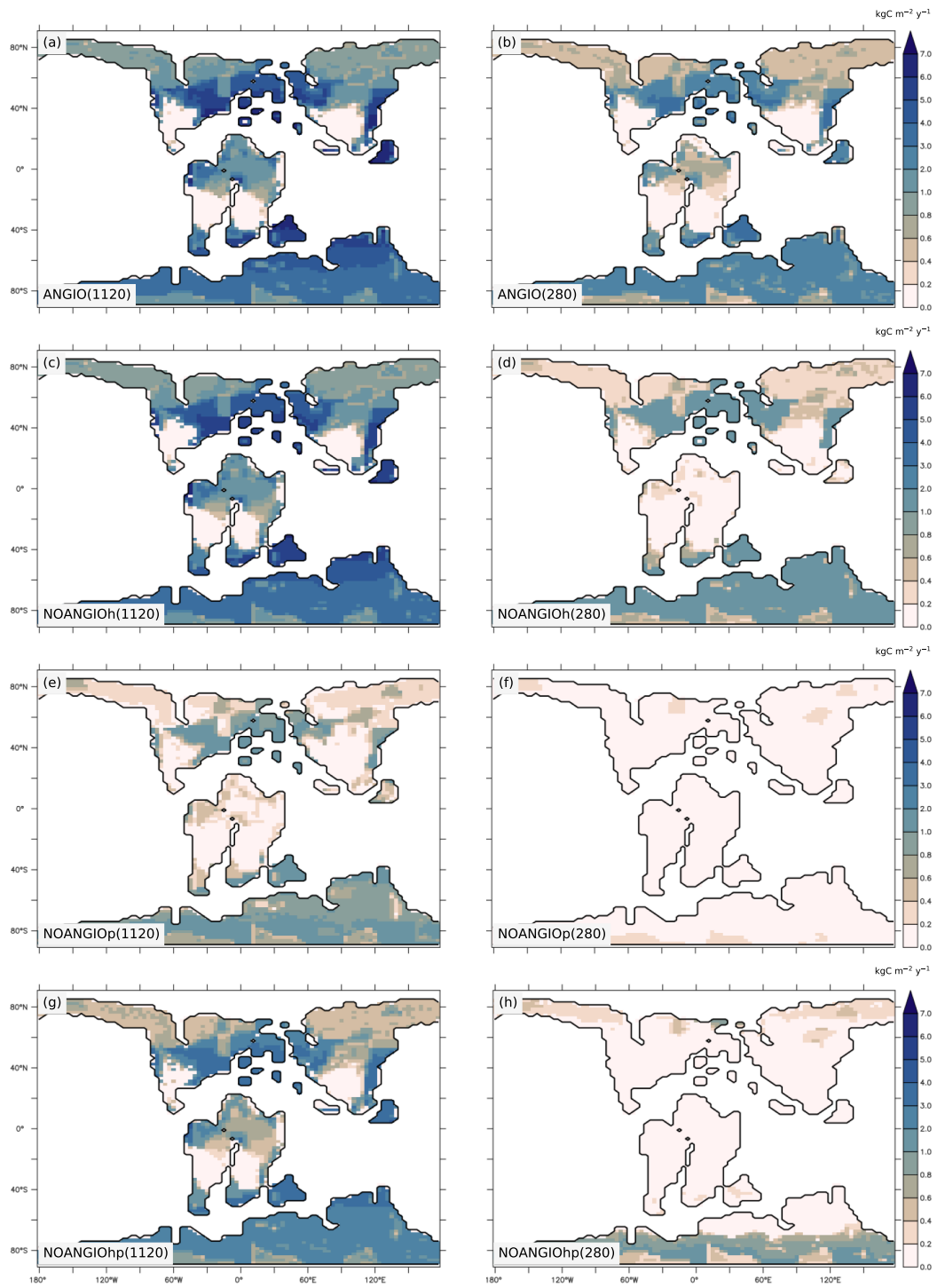
Figure S 2. Annual mean GPP (kgC m^{-2} y^{-1}) for a) ANGIO(1120), b) ANGIO(280), c) NOANGIOh(1120), d) NOANGIOh(280), e) NOANGIOp(1120), f) NOANGIOp(280), g) NOANGIOhp(1120) and h) NOANGIOhp(280).
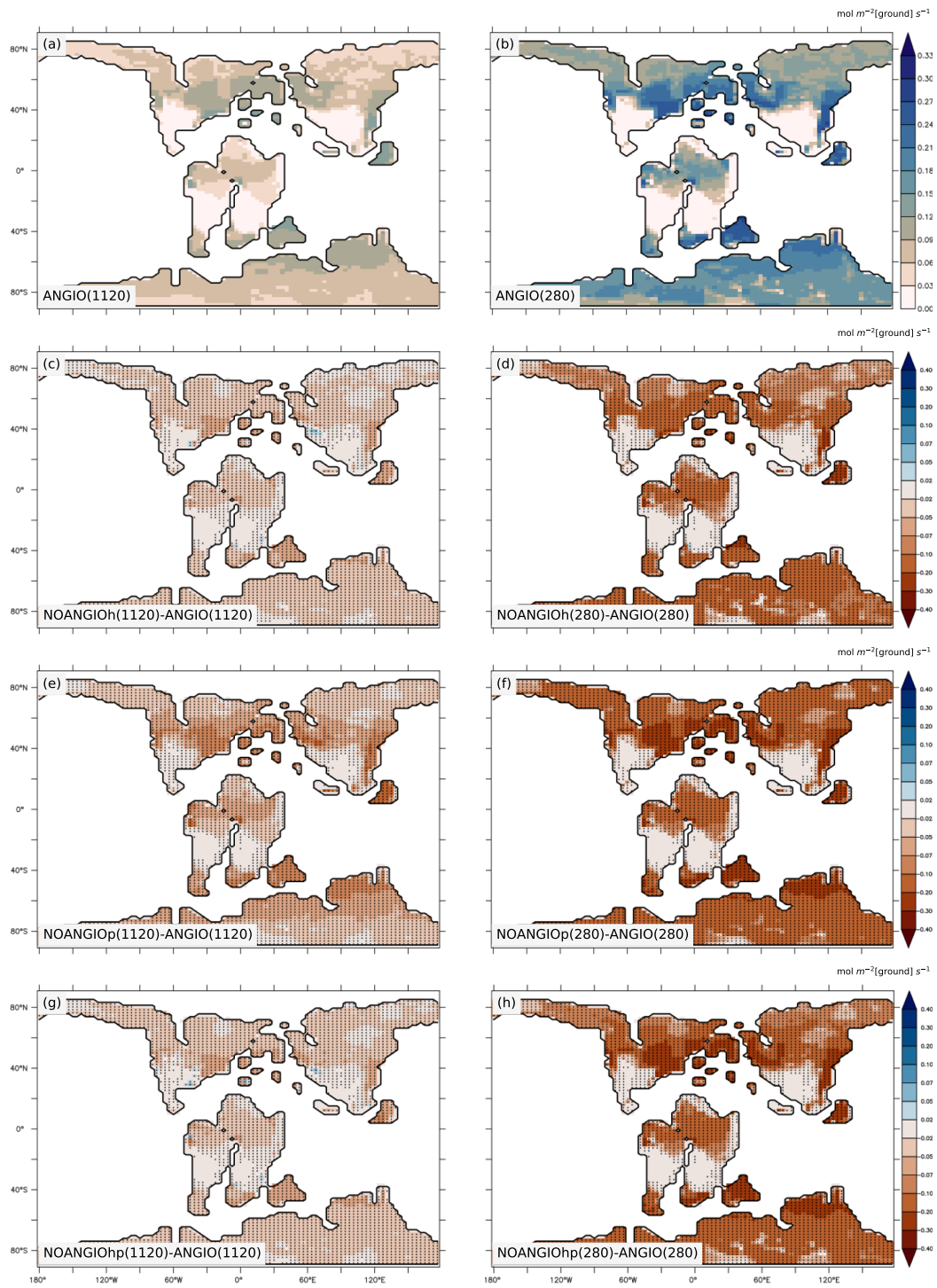
Figure S 3. Annual canopy stomatal conductance (mol m^{-2}[ground] s^{-1}) for a) ANGIO(1120) and b) ANGIO(280), anomalies of annual mean canopy stomatal conductance (mol m^{-2}[ground] s^{-1}) for c) NOANGIOh(1120) vs ANGIO(1120), d) NOANGIOh(280) vs ANGIO(280), e) NOANGIOp(1120) vs ANGIO(1120), f) NOANGIOp(280) vs ANGIO(280), g) NOANGIOhp(1120) vs ANGIO(1120) and h) NOANGIOhp(280) vs ANGIO(280). The t-test 95 % confidence level anomalies are given by dots.
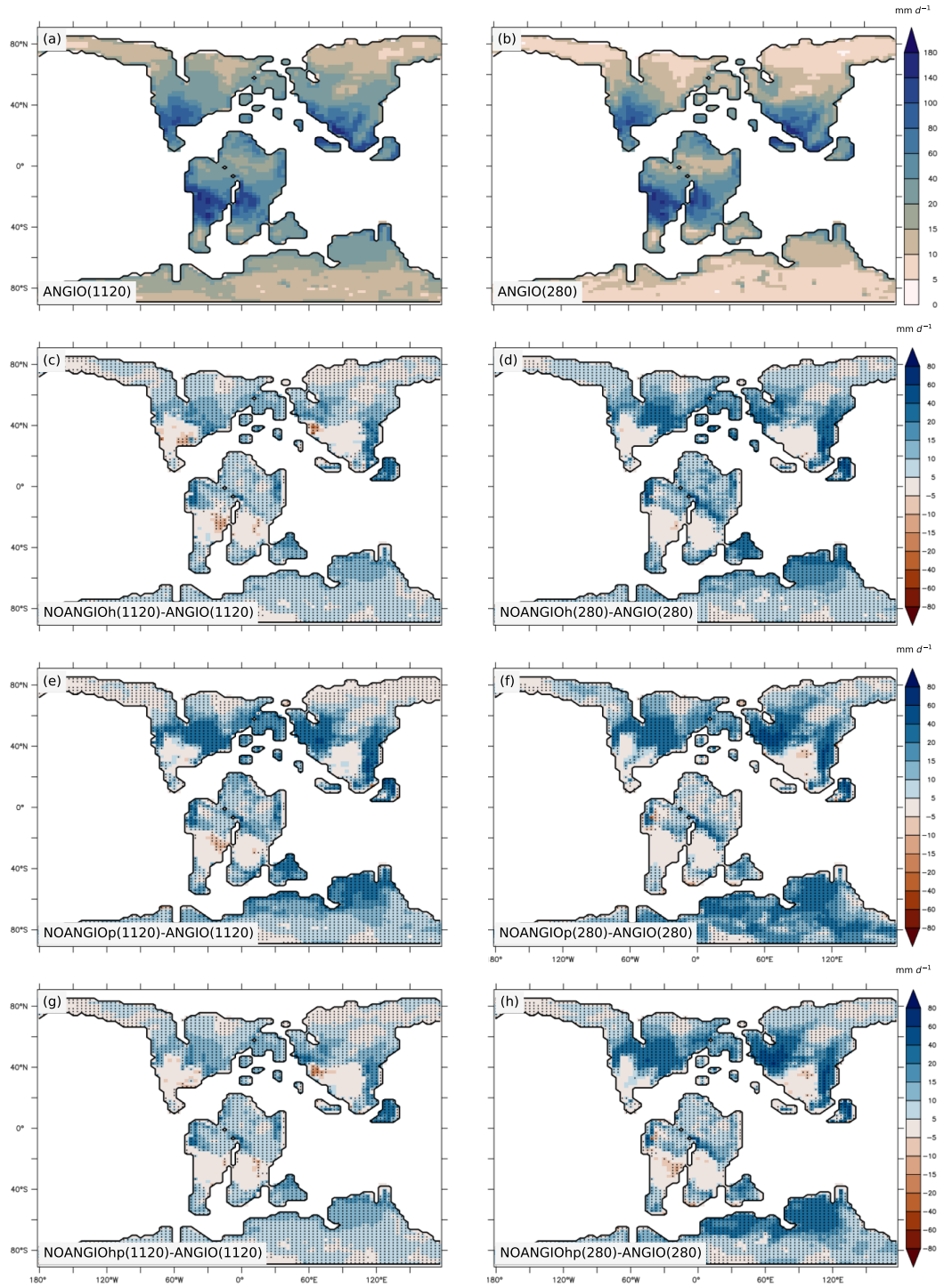
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Figure S 4. Annual mean potential evaporation (mm d^{-1}) for a) ANGIO(1120) and b) ANGIO(280), anomalies of annual mean potential evaporation (mm d^{-1}) for c) NOANGIOh(1120) vs ANGIO(1120), d) NOANGIOh(280) vs ANGIO(280), e) NOANGIOp(1120) vs ANGIO(1120), f) NOANGIOp(280) vs ANGIO(280), g) NOANGIOhp(1120) vs ANGIO(1120) and h) NOANGIOhp(280) vs ANGIO(280). The t-test 95 % confidence level anomalies are given by dots.

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