1 Supplementary Figures

1. Figures S1 to S4
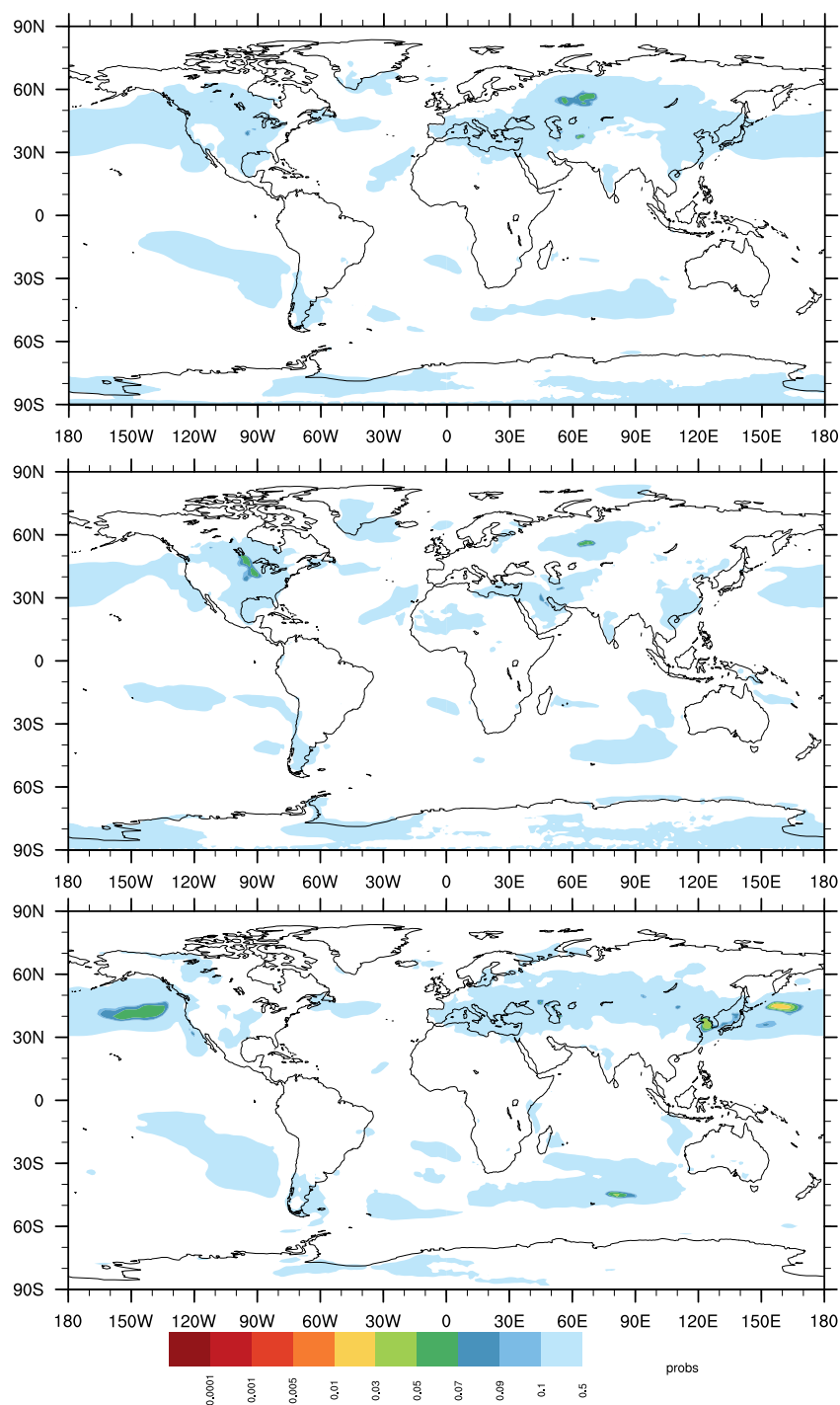
Figure 1. Model ensemble two-tailed t-test probability significance between the patterns generated from late 19th (1861-1890) Century and late 20th (1971-2000) Century epochs.
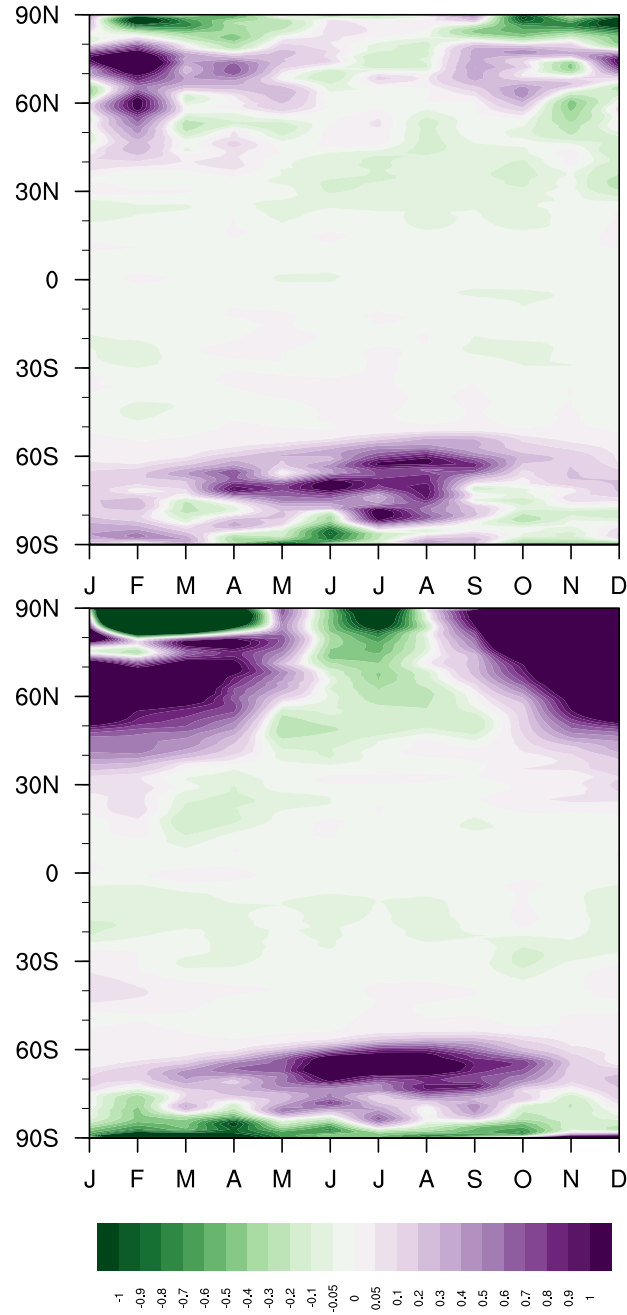
Figure 2. Hovmoller (latitude-month) diagram ensemble mean global air temperature variance difference between the late 19th (1861-1890) and late 20th (1971-2000) Century (top) and mid 21st (2041-2070) and late 21st (2071-2100) Century (bottom).
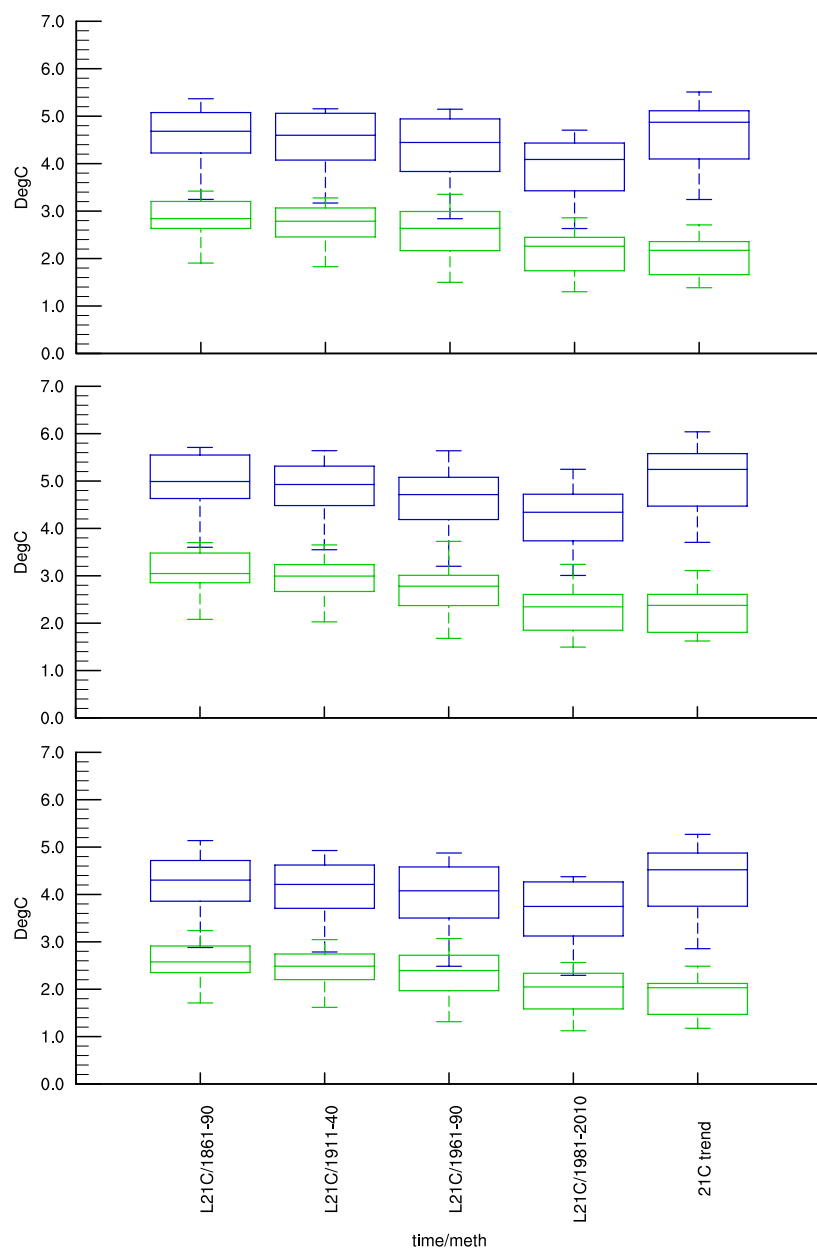
Figure 3. Box plots of model ensemble global air temperature (degree Celsius) epoch differences and 21st Century trend for rcp8.5 (blue) and rcp4.5 (green) for annual (top), DJF (middle), and JJA (bottom) averages.
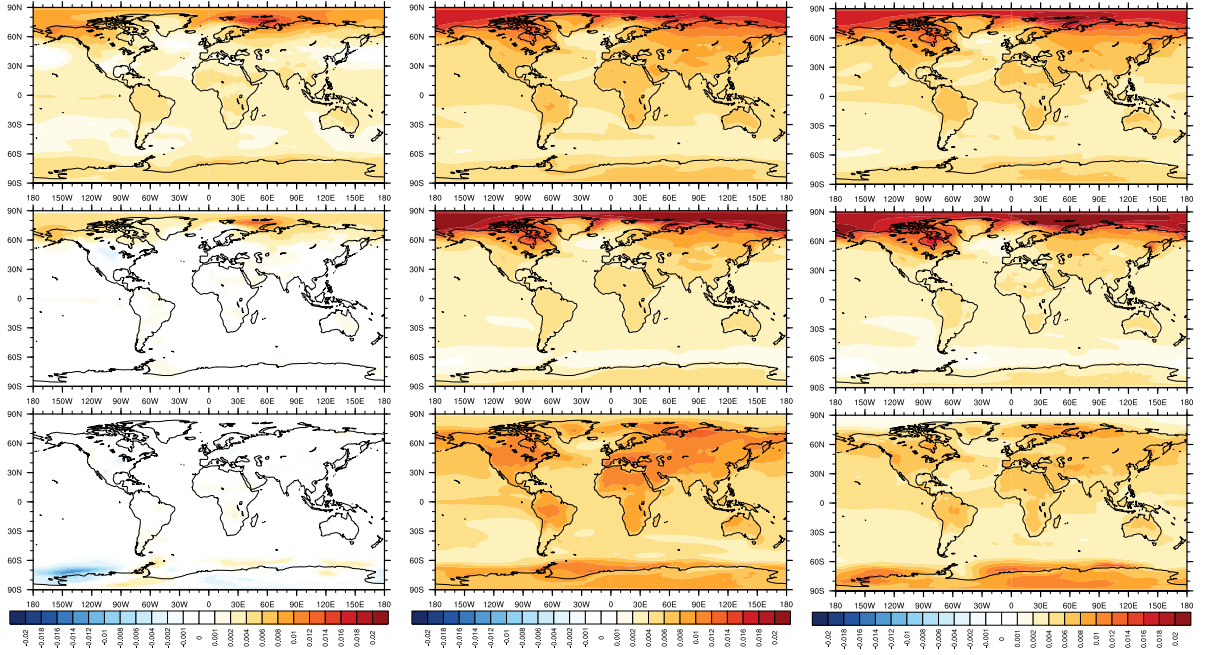
Figure 4. EOF 1 of model ensemble mean global air temperature for historical period (1861-2000, left column), rcp8.5 (2006-2100, middle column), and rcp4.5 (2006-2100, right column) for annual mean (top row), boreal winter (middle row), and boreal summer (bottom row).