

Figure XX: Schematic of simulation procedure.

Figure XX: PDFs of SPEI for each month for the IMAGE simulation (grey) and the input CORDEX data (black) for 1971-2000.

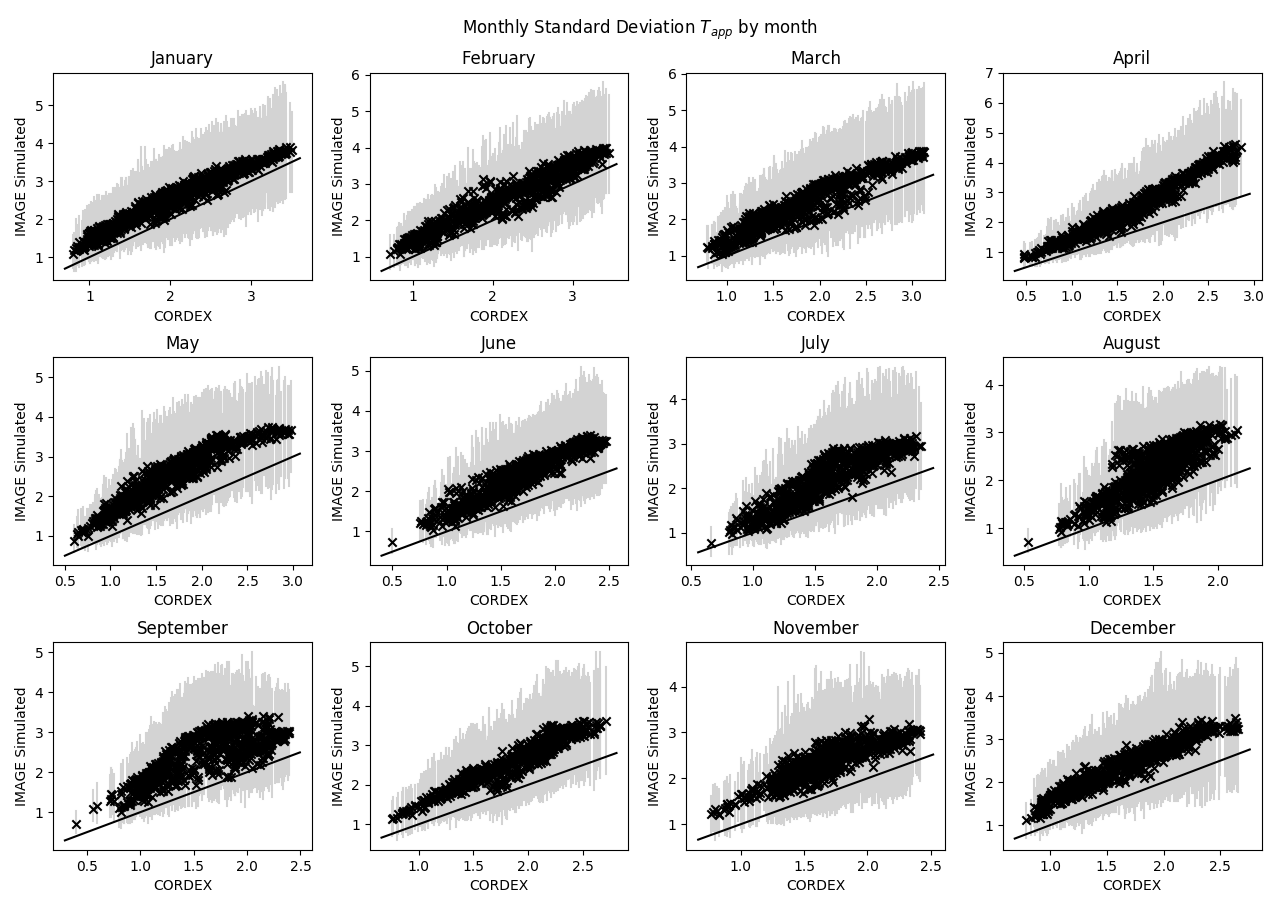


Figure XX: Monthly standard deviations of Tmax and Tapp for each month for the IMAGE simulation and the input CORDEX data for 1971-2000. Vertical lines show the range across the ensemble for IMAGE simulation, where each ensemble member has a length of 30 years.

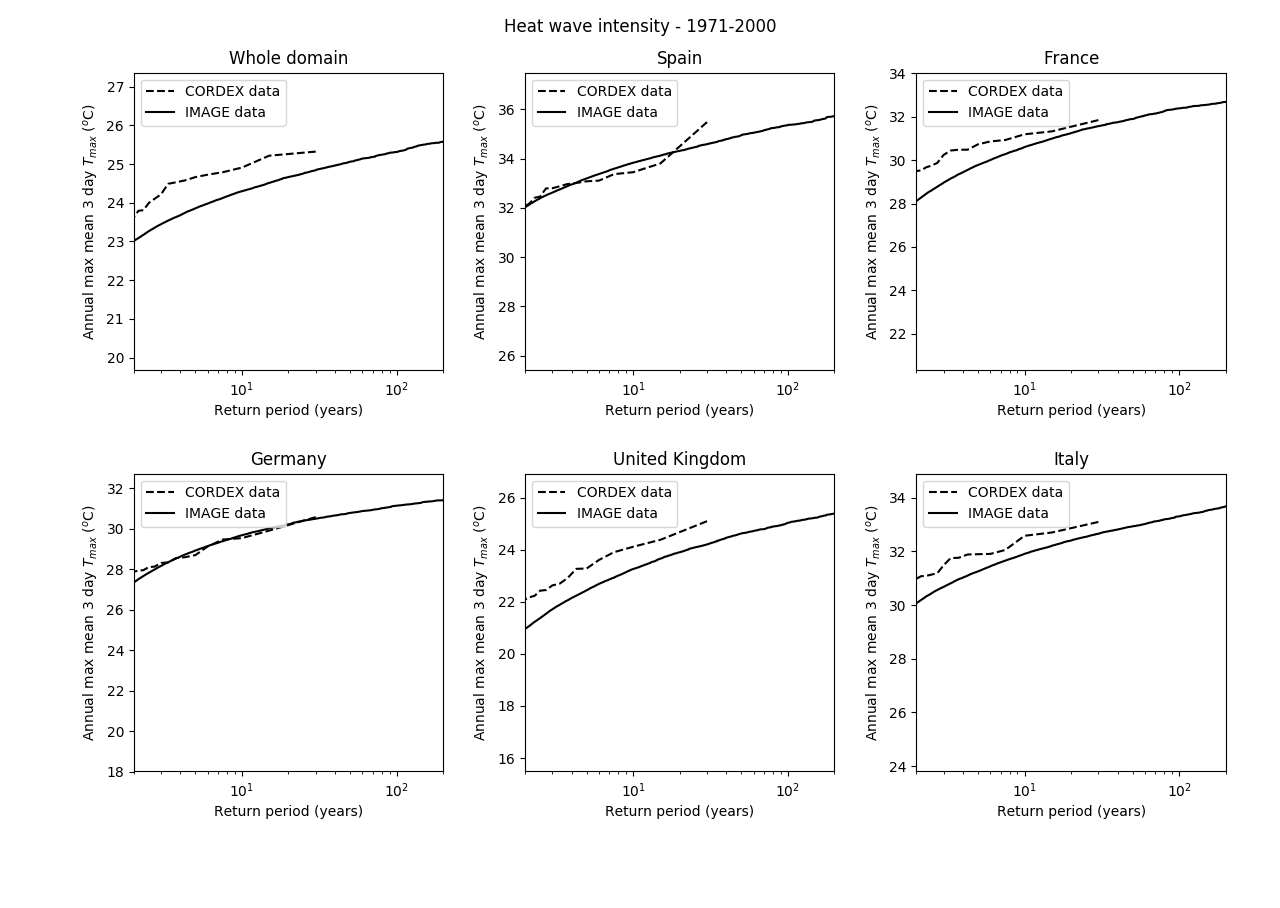


Figure XX: Return value of heat waves, as measured by intensity, for the whole domain and five countries within the domain for the IMAGE simulation and input CORDEX data for 1971-2000.

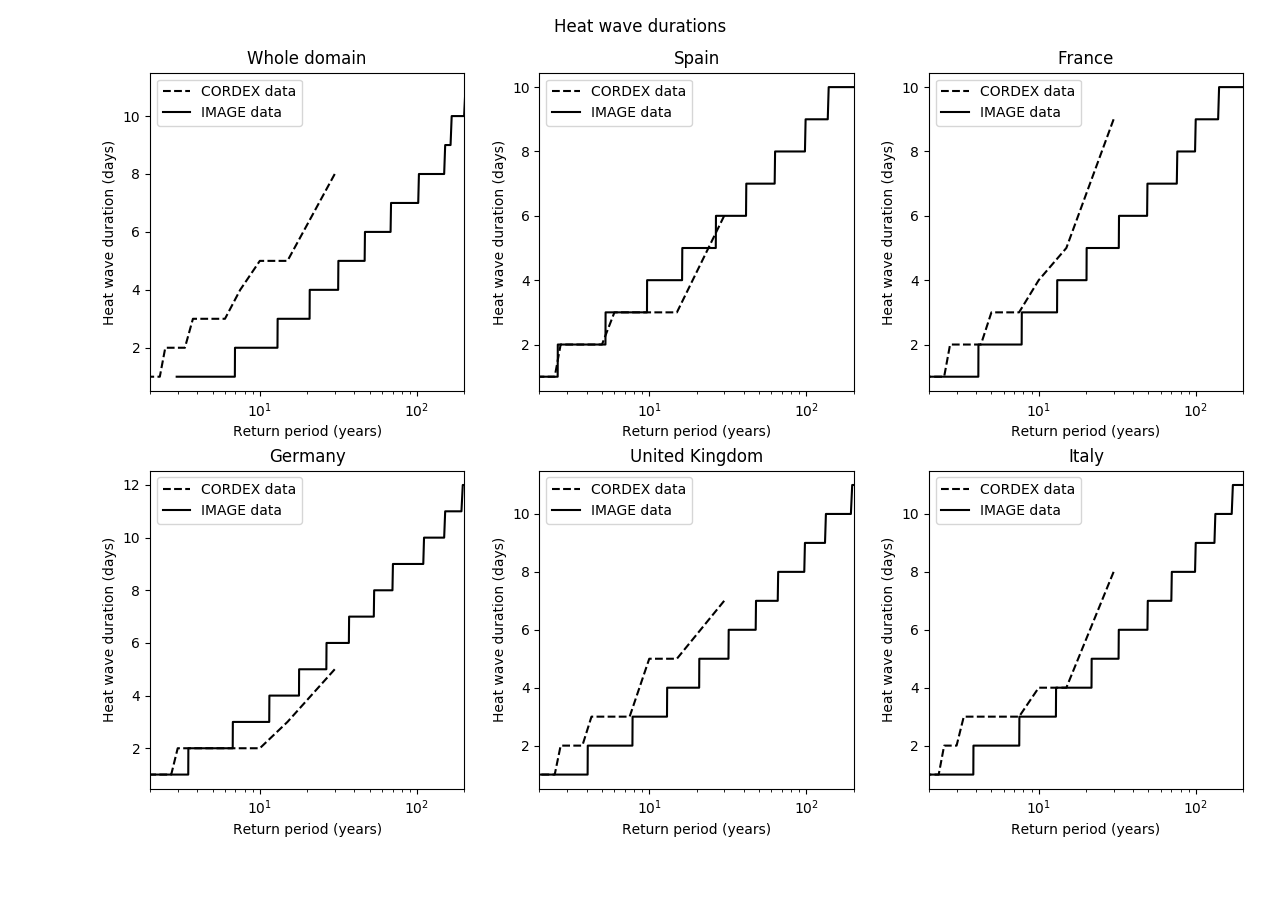


Figure XX: Return value of heat waves, as measured by duration, for the whole domain and five countries within the domain for the IMAGE simulation and input CORDEX data for 1971-2000.

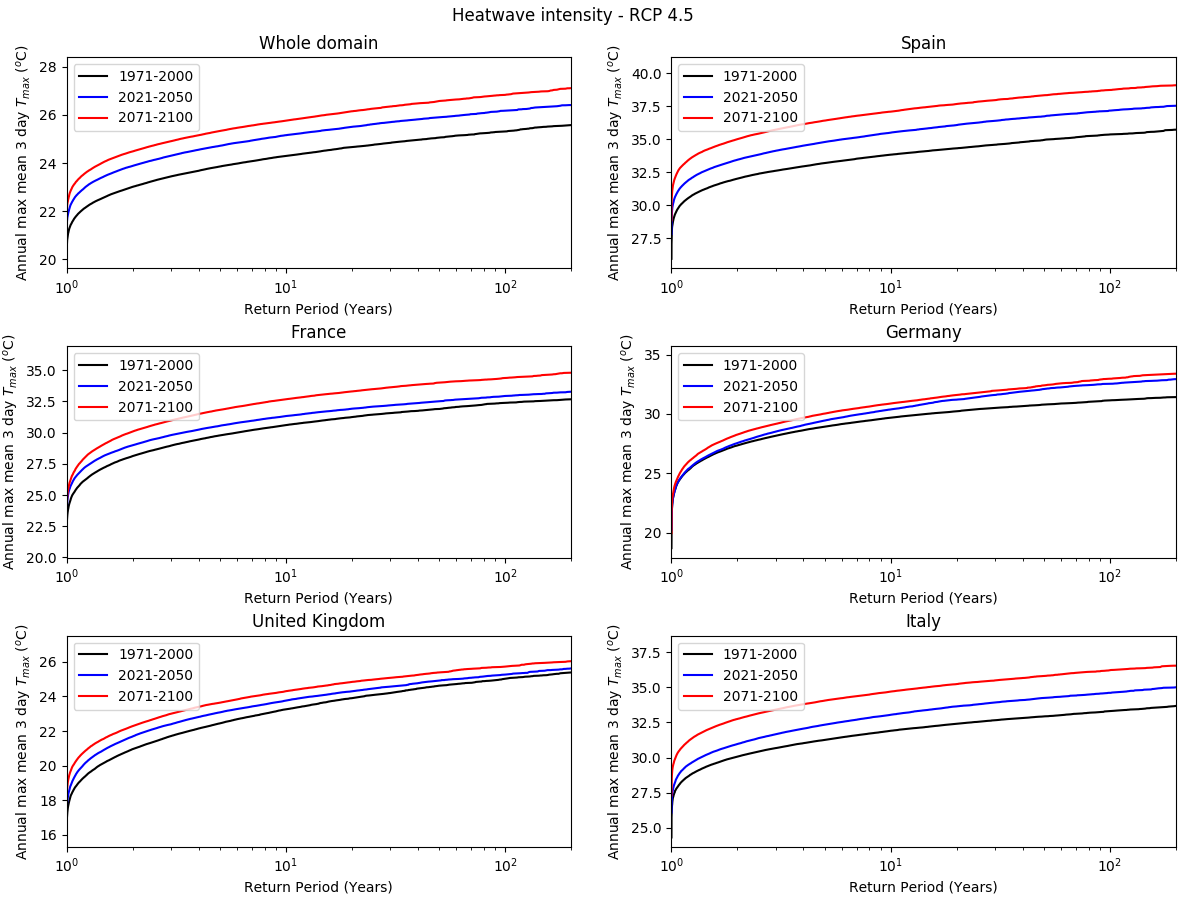


Figure XX: Return values of heat waves, as measured by intensity, for the whole domain and five countries within the domain for the IMAGE simulation under the RCP 4.5 scenario.

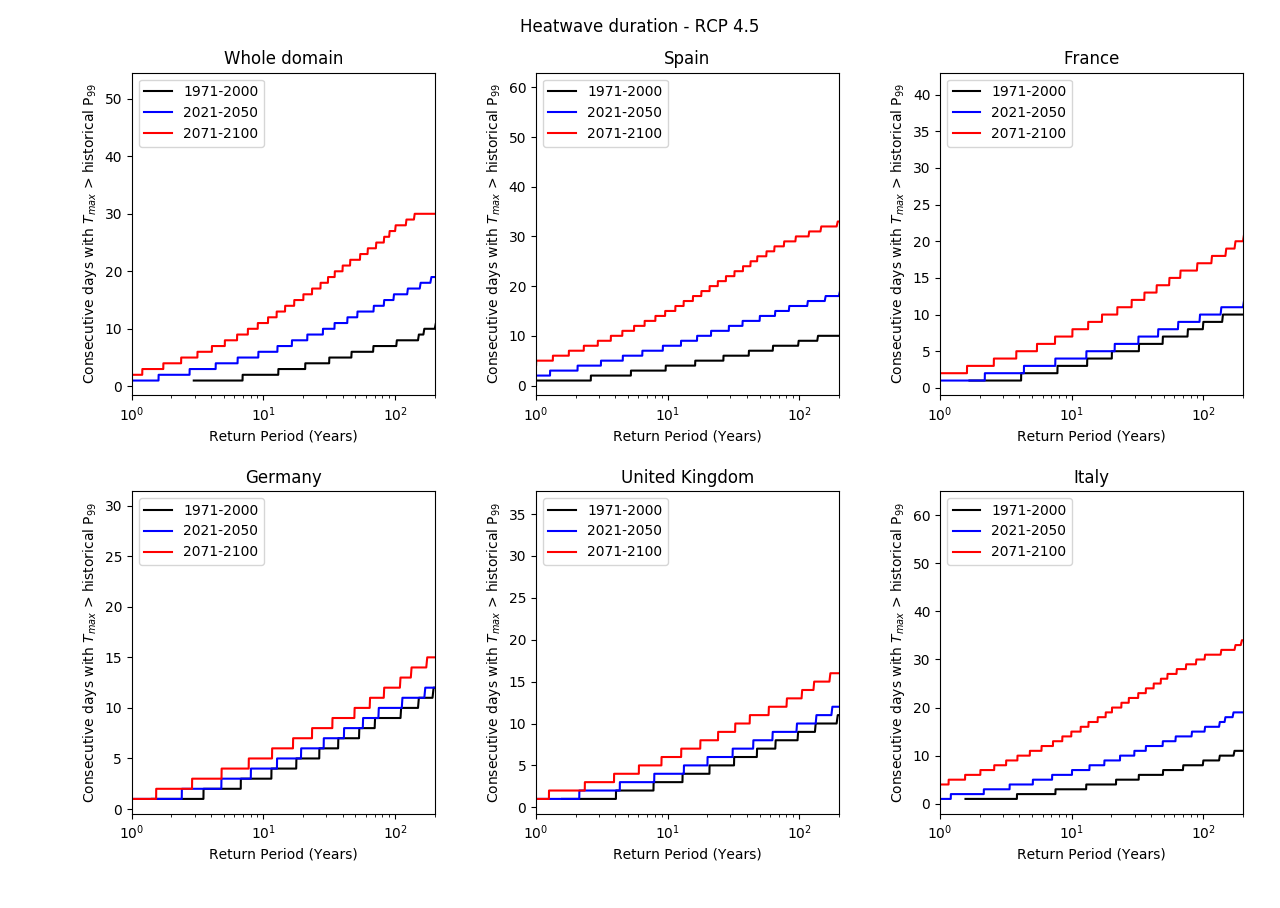


Figure XX: Return values of heat waves, as measured by duration, for the whole domain and five countries within the domain for the IMAGE simulation under the RCP 4.5 scenario. [[[combined with RCP 8.5 below]]]

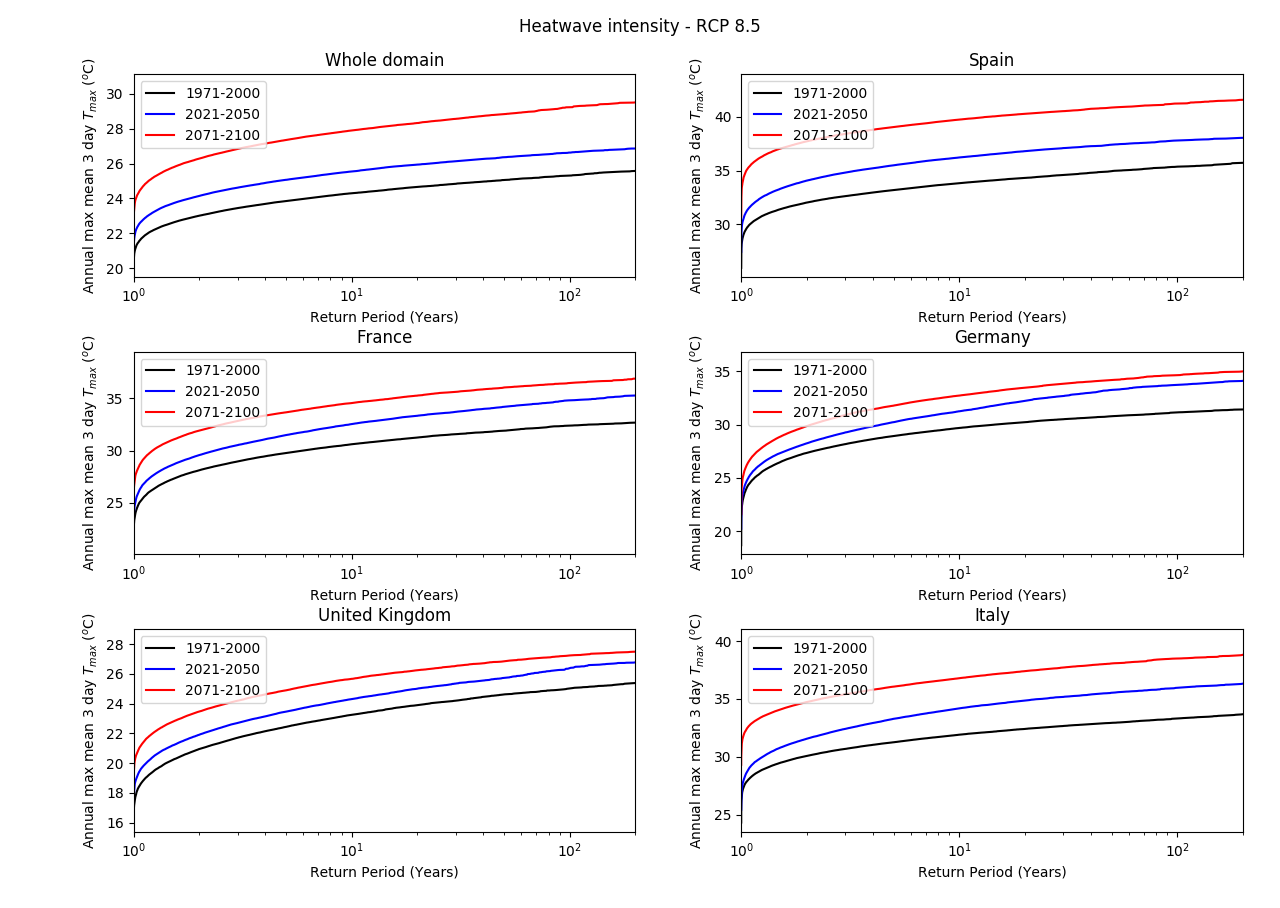


Figure XX: Return values of heat waves, as measured by intensity, for the whole domain and five countries within the domain for the IMAGE simulation under the RCP 8.5 scenario.

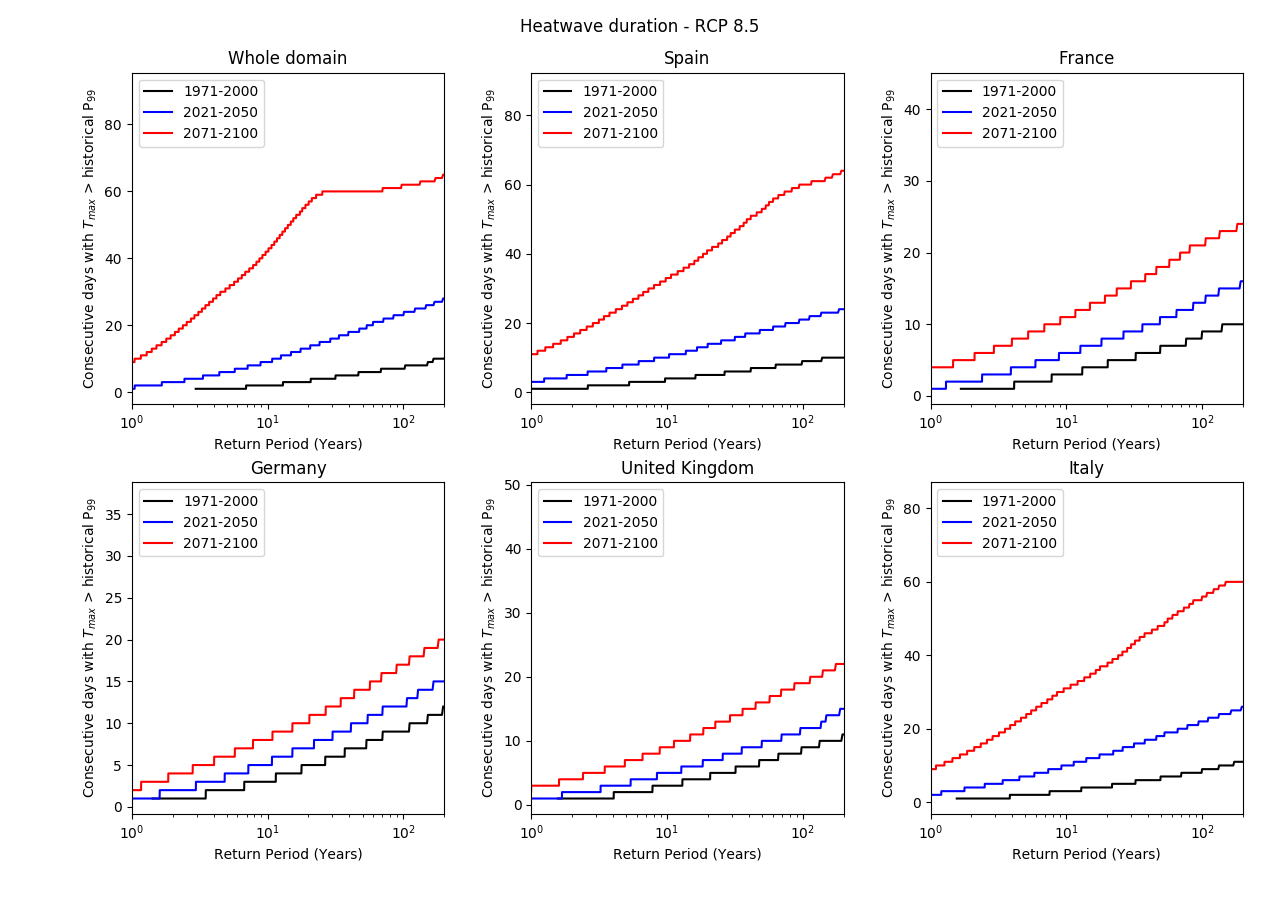


Figure XX: Return values of heat waves, as measured by duration, for the whole domain and five countries within the domain for the IMAGE simulation under the RCP 8.5 scenario.



Figure XX: PDFs of SPEI for each month for the IMAGE simulation (grey) and the input CORDEX data (black) for 2021-2050.



Figure XX: PDFs of SPEI for each month for the IMAGE simulation (grey) and the input CORDEX data (black) for 2071-2100.

Figures XX-XX: As Figures 10-13 but with SPEI

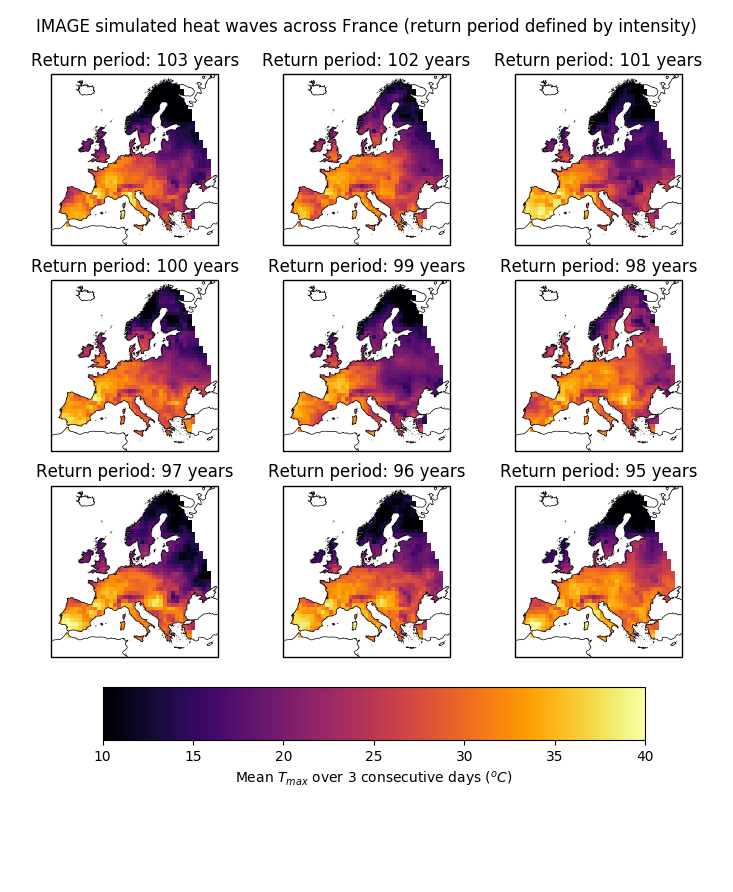


Figure XX: Maps of mean Tmax over 3 consecutive days across Europe for heat waves in France, as measured by intensity, with return periods between 95 and 103 years.

Figure XX: Maps of SPEI lower than -2 across Europe for droughts in France, with return periods between XX and XX years.

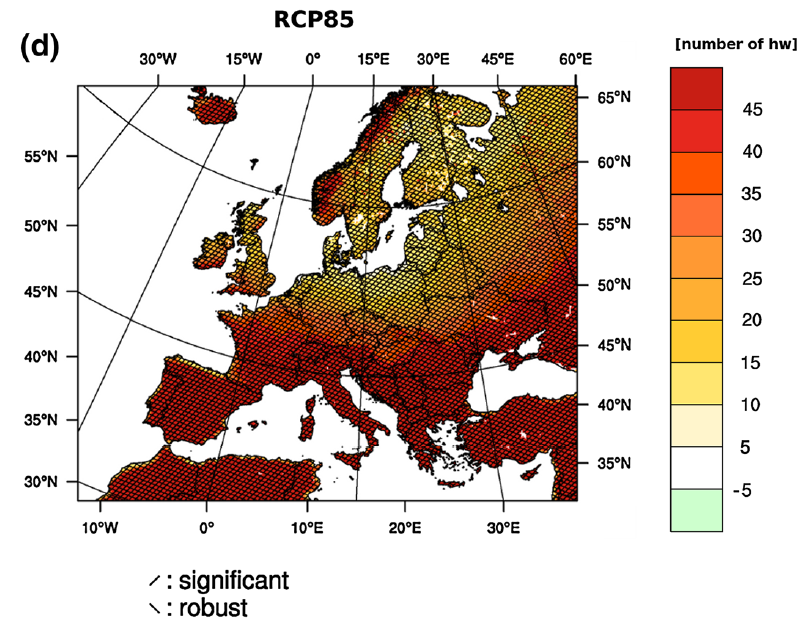


Figure XX: Reproduced from Jacob et al (2014); map of the ensemble mean number of additional heat waves for the period 2071-2100 compared to the period 1971-2000 for the CORDEX experiment under the RCP 8.5 scenario.

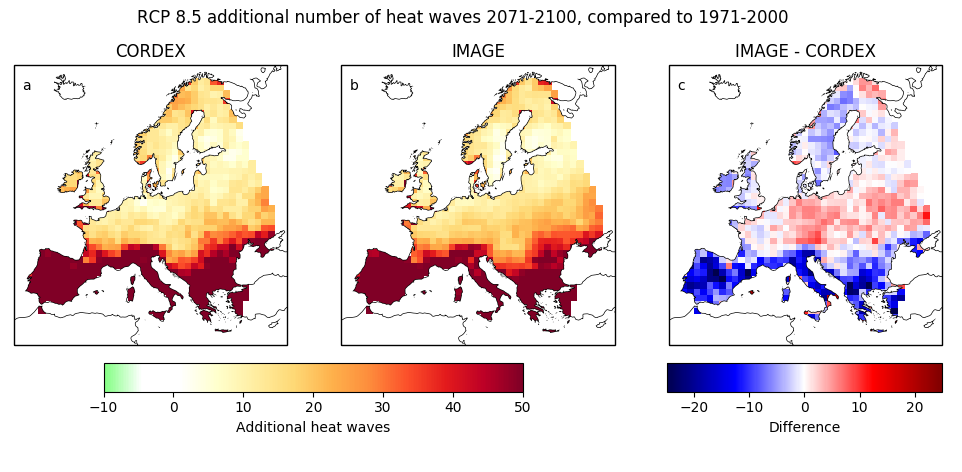


Figure XX: Additional number of heat waves in the period 2071-2100 compared to the period 1971-2000 under the RCP 8.5 scenario, for (a) the input CORDEX data and (b) the IMAGE simulation, as well as (c) the difference between the number predicted by the IMAGE simulation and the input CORDEX data.