

The following supplements accompany the article

Chilling accumulation in temperate fruit trees in Spain under climate change

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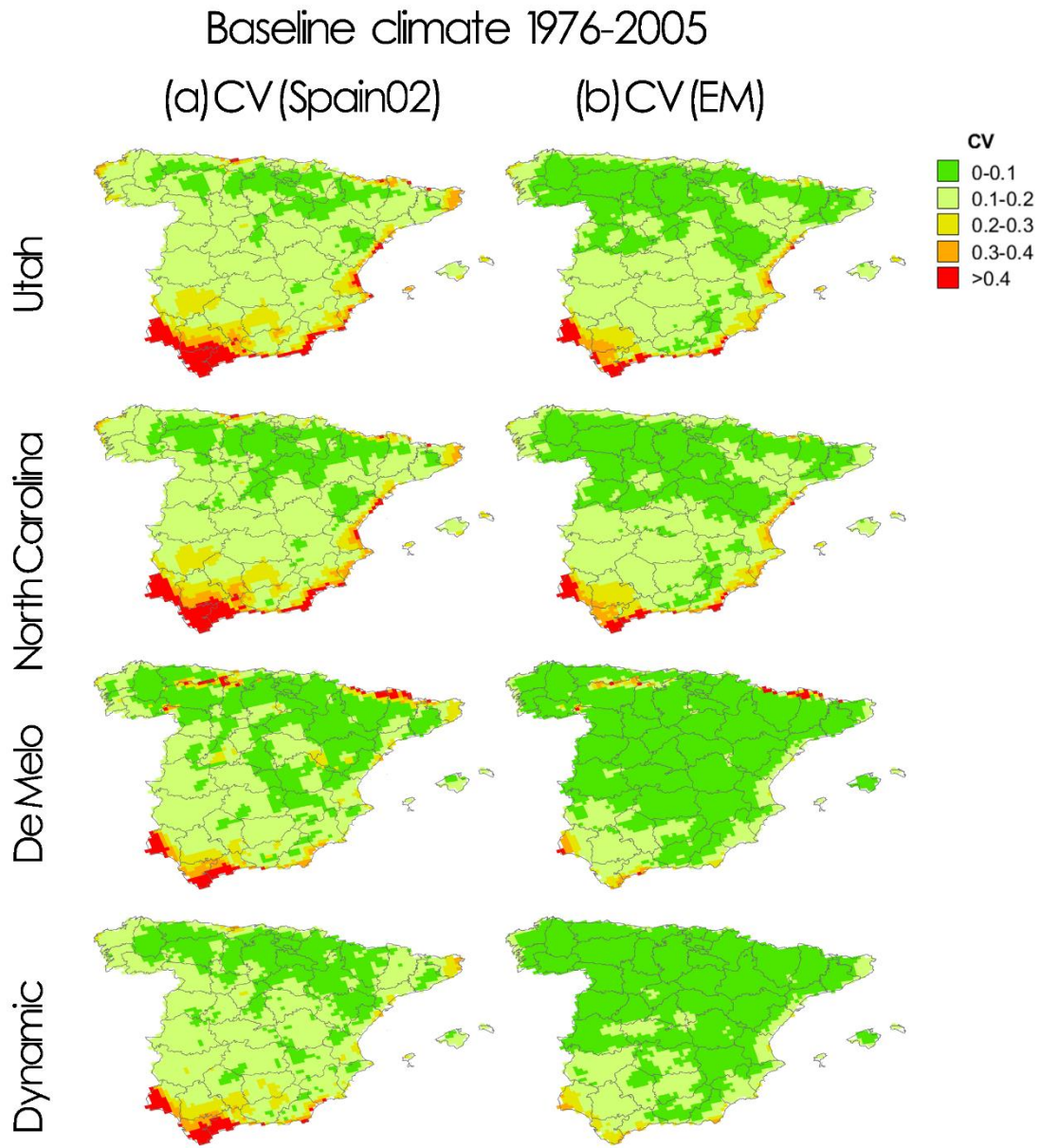
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15 **Table 1S. CMIP5/CORDEX EUR-11 bias-adjusted simulation matrix. CORDEX EUR-11 RCMs (Giorgi and Gutowski 2015) and CMIP5 GCMs (Taylor et al. 2012) used (all r1i1p1/v1 ensemble/downscaling). Grey cells indicate the GCM-RCM combinations selected. The Institute ID of each model is provided in bold italics. Daily maximum and minimum temperatures were retrieved from the Earth System Grid Federation (ESGF) servers.**

<i>Bias-corrected CMIP5/CORDEX EUR-11 GCM/RCMs</i>	CNRM-CM5 CNRM-France	EC-EARTH ECMWF-European	IPSL-CM5A-MIR IPSL-France	HadGEM2-ES Met Office-UK	MPI-ESM-LR MPI-Germany
CCLM4-8-17 CCLM community-International					
REMO2009 MPI-Germany					
RCA4 SMHI-Sweden					
RACMO22E KNMI-Netherlands					
ALADIN53 CHMI-Czech Republic					
WRF331F IPSL-France					



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Figure 1S. Comparison of chilling accumulation inter-annual variability for the baseline period (1975–2005). For each chilling method (rows), the coefficient of variation (CV, expressed per unit) of the chilling accumulation calculated with the observational data set Spain02 (first column) and with the 10 EUR-11 ensemble members' mean CV of the 30-year period (second column).

References

- Giorgi, F., and Gutowski, W. J.: Regional Dynamical Downscaling and the CORDEX Initiative, *Annual Review of Environment and Resources*, 40, 467-490, 10.1146/annurev-environ-102014-021217, 2015.
- 5 Taylor, K. E., Stouffer, R. J., and Meehl, G. A.: An Overview of CMIP5 and the Experiment Design, *Bull. Amer. Meteorol. Soc.*, 93, 485-498, 10.1175/bams-d-11-00094.1, 2012.