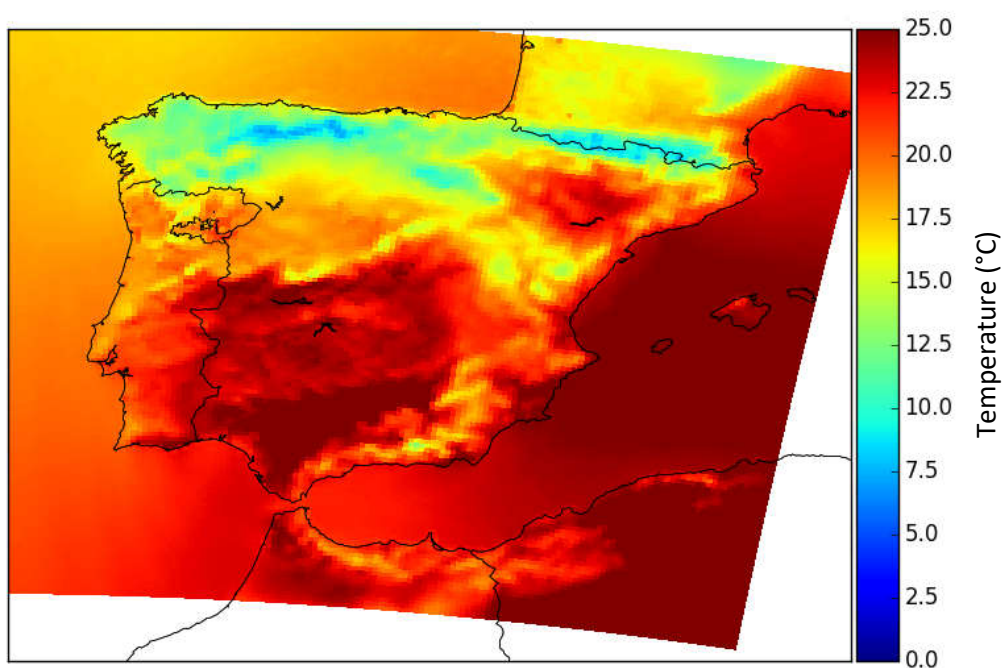


**Table S.1:** Average precipitation (mm) and temperature (°C) for *Baixo Corgo* and *Douro Superior* sub-regions between May and July for 2003 to 2005.

	Baixo Corgo		Douro Superior	
	Precipitation (mm)	Temperature (°C)	Precipitation (mm)	Temperature (°C)
2003	45.0	18.7	16.0	20.1
2004	70.6	18.9	83.2	19.9
2005	56.8	19.3	45.5	20.5

**Figure S.1.** Temperature (°C) averaged between May and July over Iberian Peninsula (D03, 9 x 9 km<sup>2</sup> horizontal resolution).



**Figure S.2.** O<sub>3</sub> dry deposition (g.cm<sup>-2</sup>) on Iberian Peninsula (D03, 9 × 9 km<sup>2</sup> horizontal resolution), accumulated from May to July and averaged for the 3 simulation years.

