

Supplementary material

A sensitivity study of high resolution climate simulations for Greece

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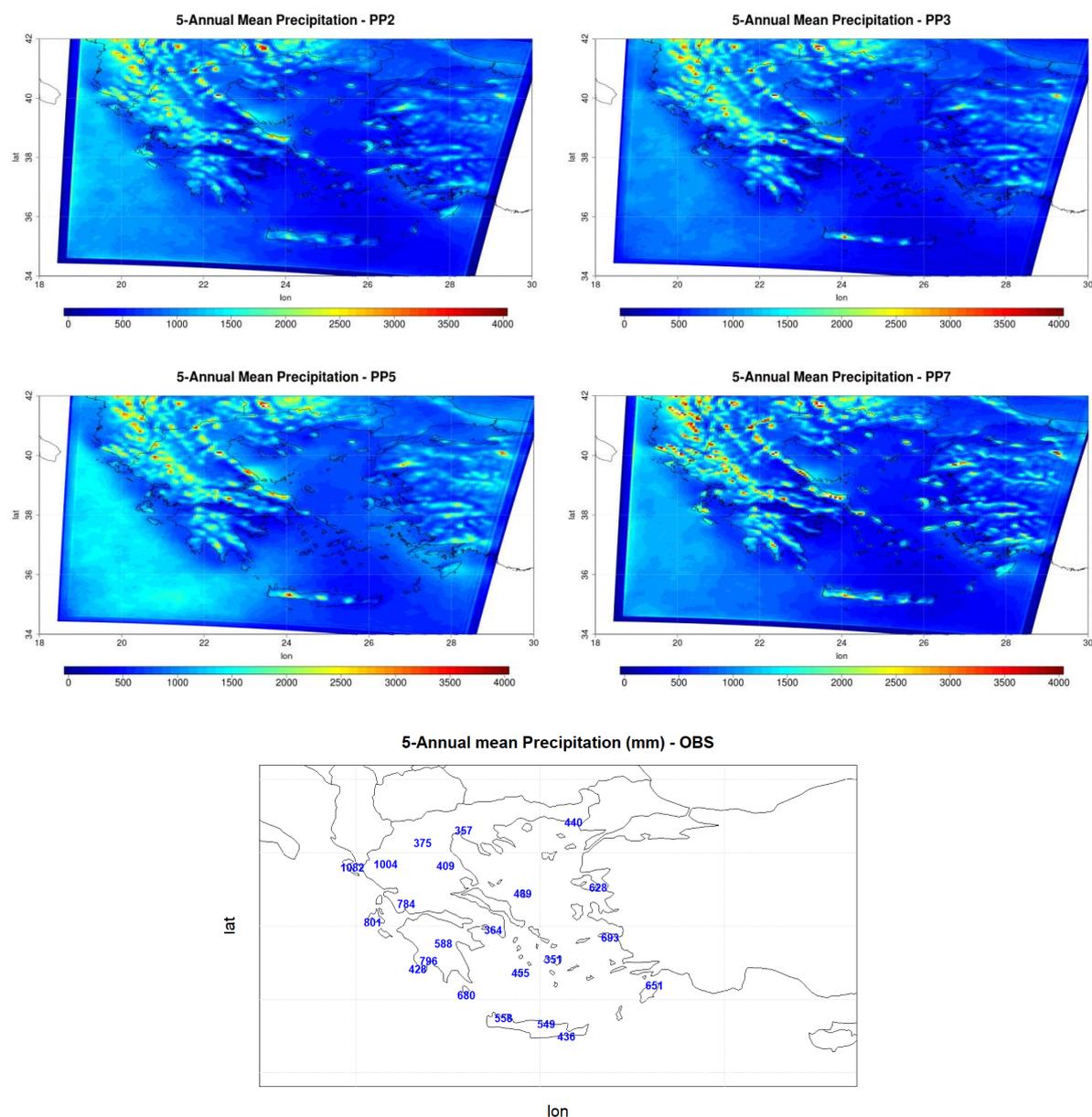


Figure S1. WRF Spatial distribution of the annual precipitation (in mm) for the 5-km resolution of the region of Greece (D02), for the selected period 2000-2004.

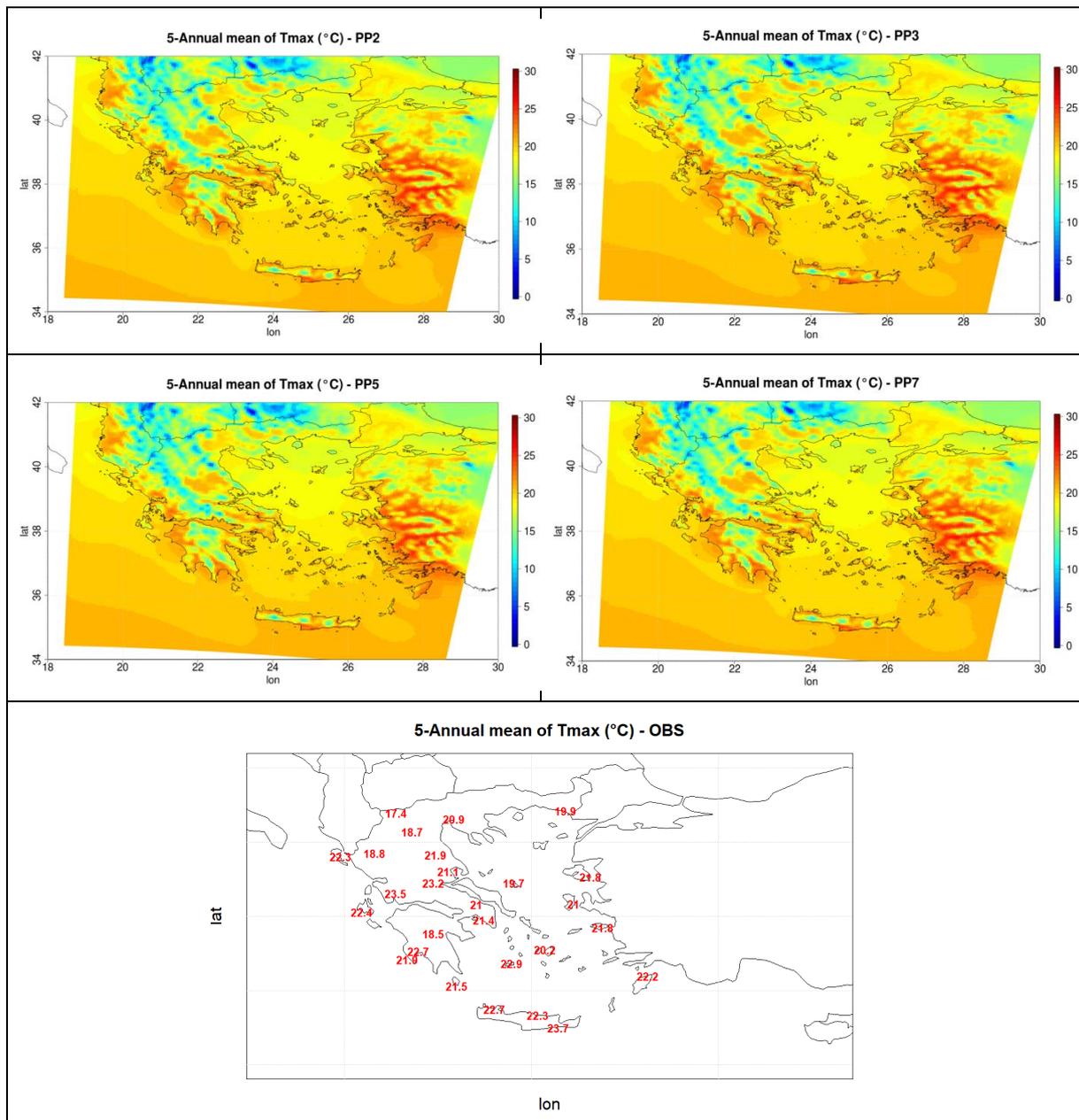
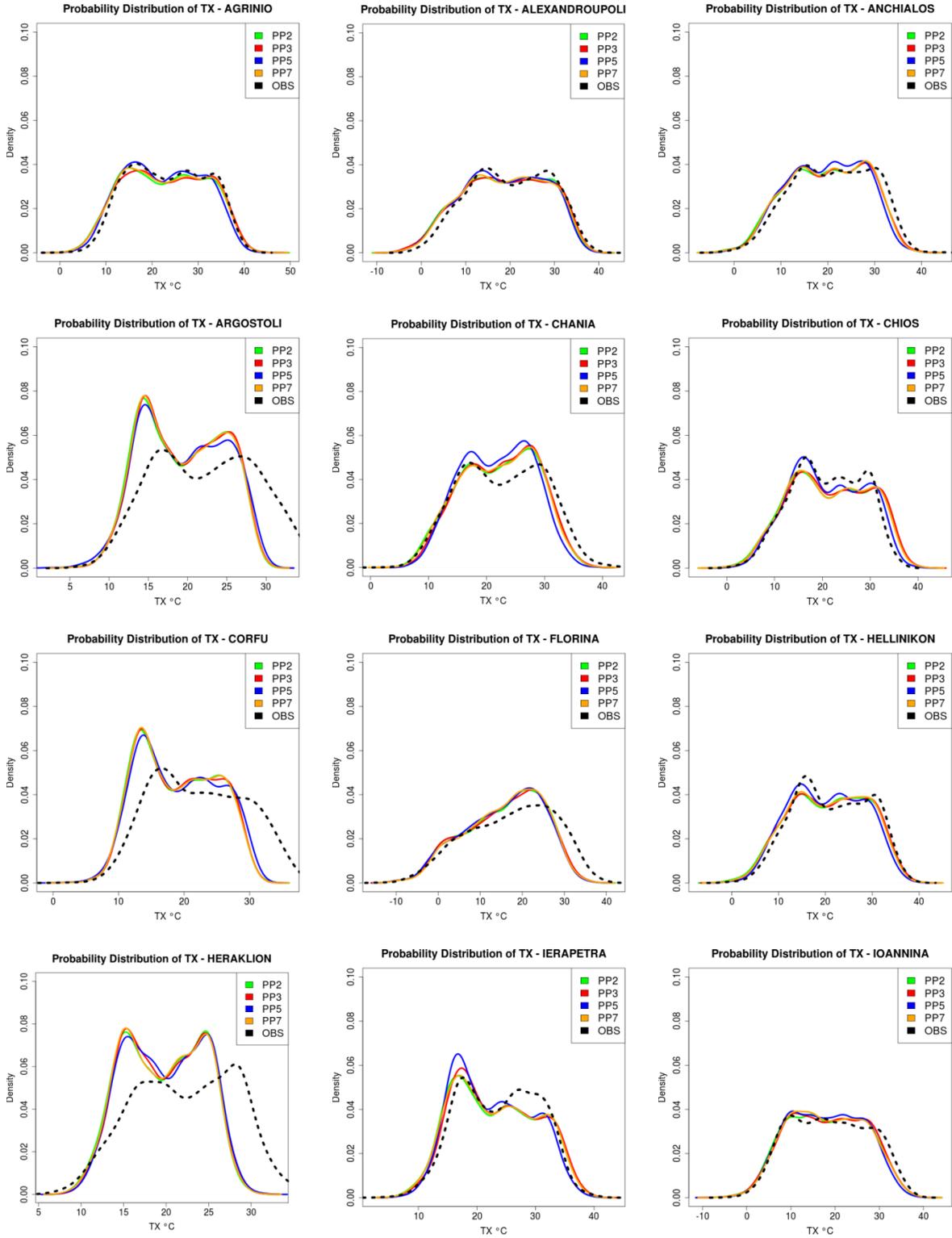


Figure S2. Spatial distribution of 5-annual mean maximum temperature (TX) for the 5-km region of Greece (D02), for the selected period 2000-2004.



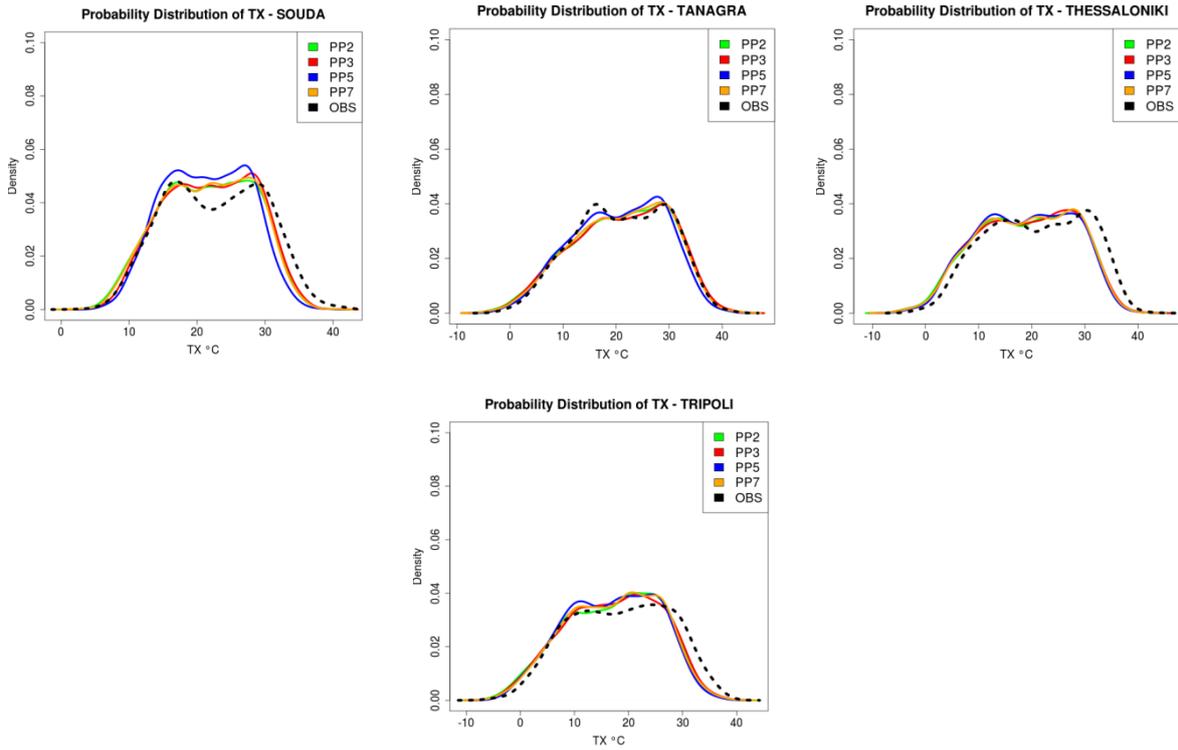
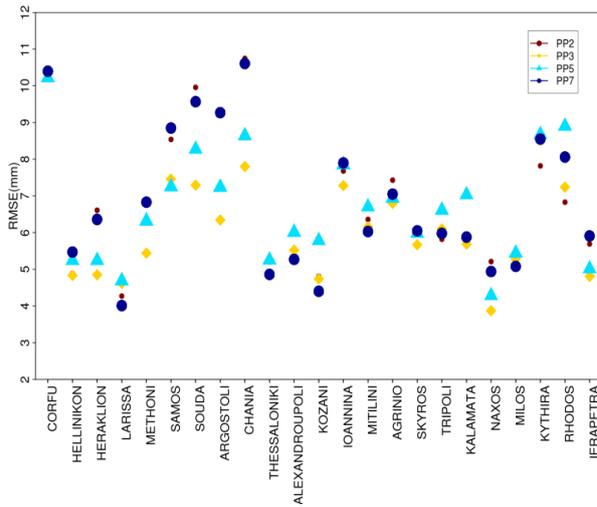
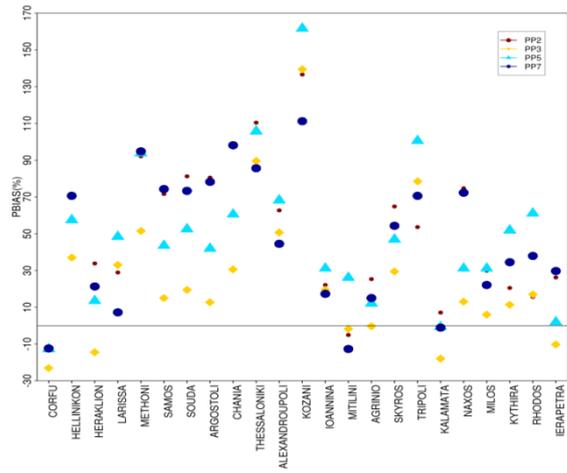


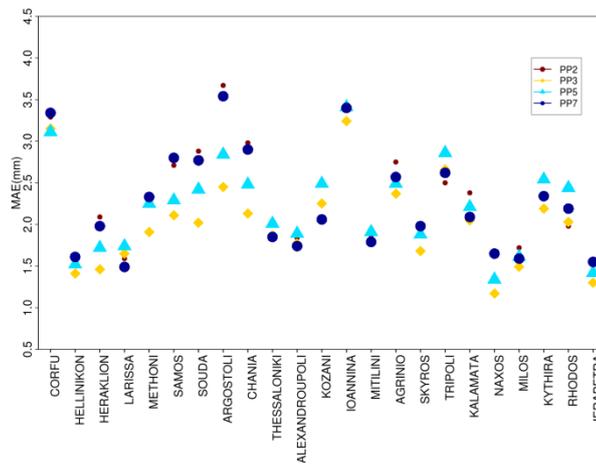
Figure S3. Comparison of the observed maximum temperatures by weather station and the four simulated results in terms of probability distributions. The dashed line indicates the probability distribution of the observations.



(a)



(b)



(c)

Figure S4. (a) Root mean square error, (b) pbias and (c) correlation coefficient of precipitation (RR) per HNMS station, for the four different physics parameterisations schemes (PP2, PP3, PP5, PP7) for 2000-2004.



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