



12°E

44°N -

Data (daily):

 Model (12km) EURO-CORDEX GCM-driven Observations (1km) Spatial analysis (interpolation from al. 2021, ESSD, 10.5194/essd-13-2801-2021



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6 Conclusions

- GAM generates smooth spatial field reflecting large-scale gradients and daily varying temperature lapse-rates
- Possibility to account for nonlinear temperature lapse-rates; however: depends on the accuracy of the RCMs at the respective scale
- Potential confounding of space and elevation (Mountains vs Po plain) particular to the
- GAM and lapse-rate methods do not require observational data like QM
- QM does simultaneous bias-adjustment, too

RCMs, free-running stations): Crespi et



choice of study area. Especially for precipitation, but also potentially for temperature.

