



Supplement of

Predictive skill for atmospheric rivers in the western Iberian Peninsula

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Supplementary Material

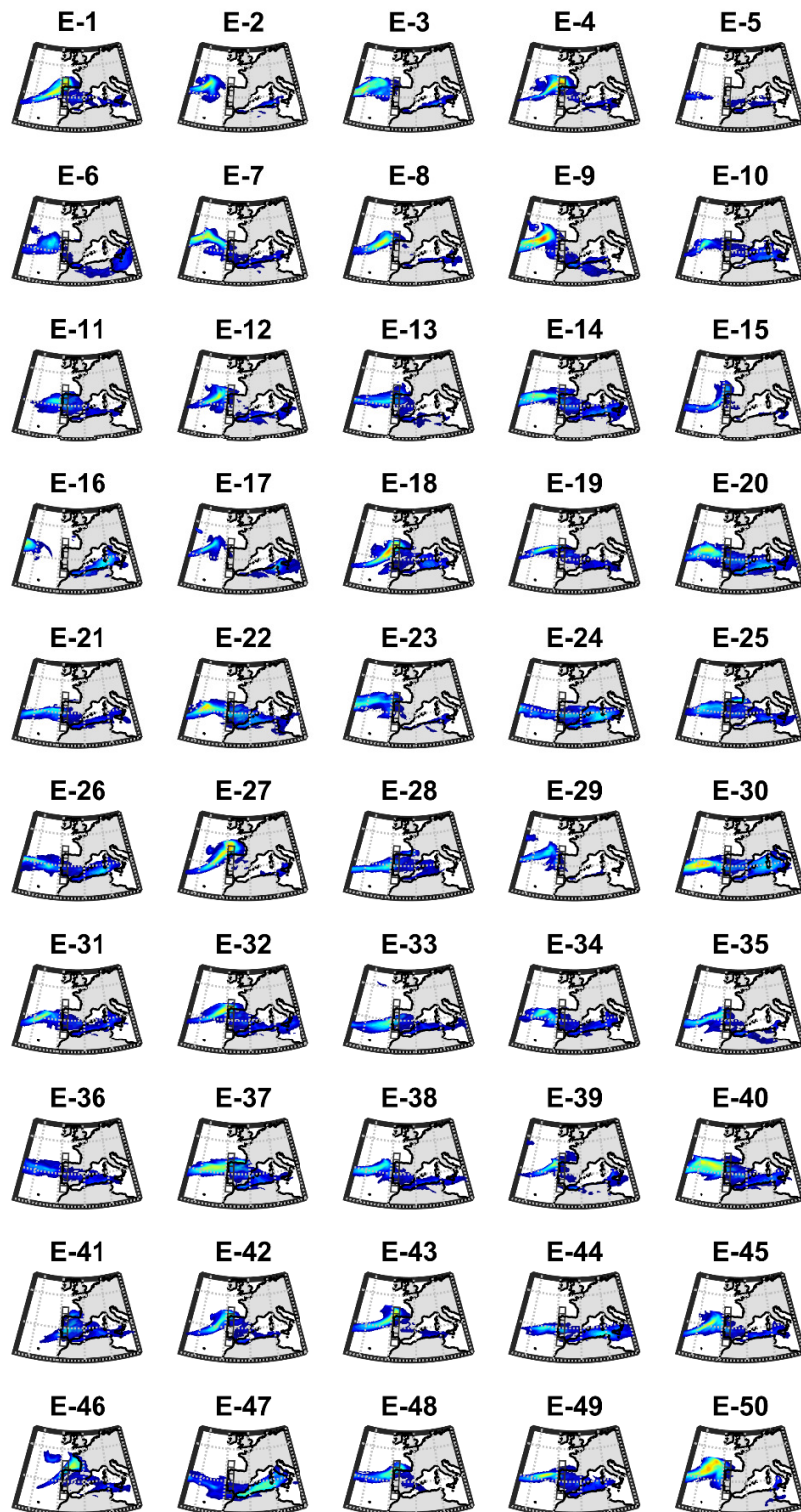


Figure S1. Ensemble forecast of the IVT in an event affecting Western Iberia on January 4 2016 for lead time -5 days.

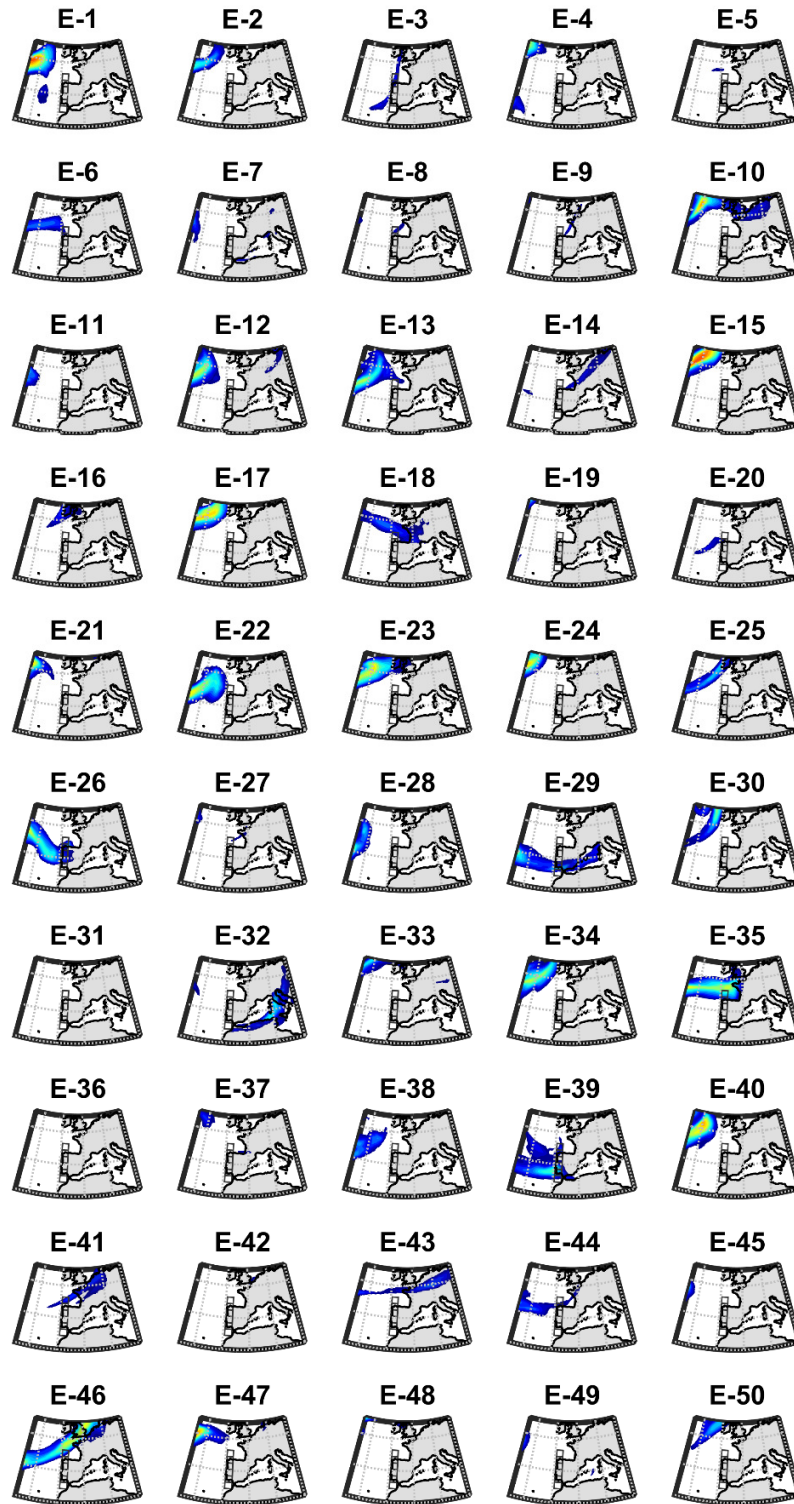


Figure S2. Ensemble forecast of the IVT in an event affecting Western Iberia on January 4 2016 for lead time -12 days.

$$\mathbf{POD = HITS / (HITS+MISSES)}$$

$$\mathbf{FAR = FALSE / (HITS+FALSE)}$$

$$\mathbf{SR = HITS / (HITS+FALSE)}$$

$$\mathbf{BIAS = (HITS+FALSE) / (HITS+MISSES)}$$

Figure S3. Metrics used in Figure 9: probability of detection (POD), Success Rate (RS), False Alarm Rate (FAR) and the BIAS.