The impact of atmospheric blocking on the compounding effect of ozone pollution and temperature: A copula-based approach

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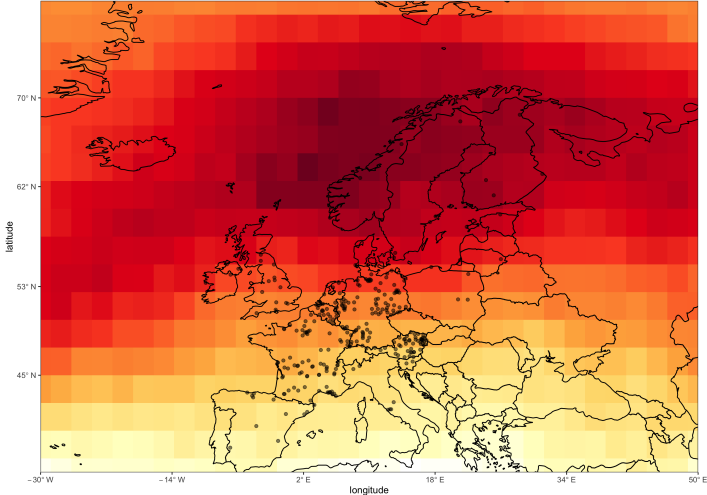
Figure S1. Frequency of atmospheric blocking (%) during the ozone season (April-September) for the period 1999-2015). Black dots represent the measurement stations used in the study.
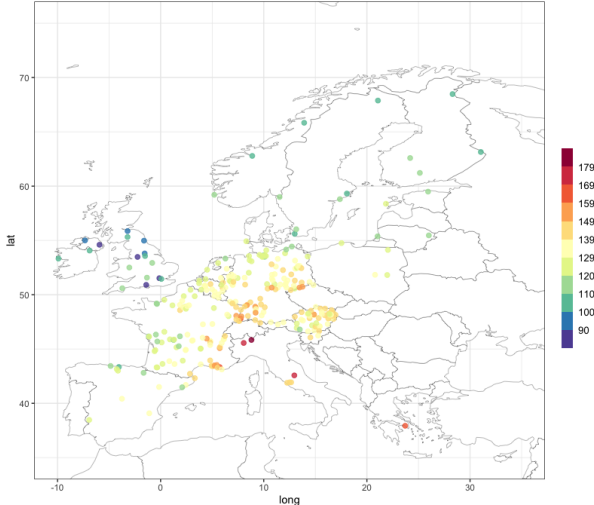
Figure S2. Distribution of the 95th percentile of ozone (MDA8O3) concentrations during the ozone season (April-September) for the period 1999-2015.
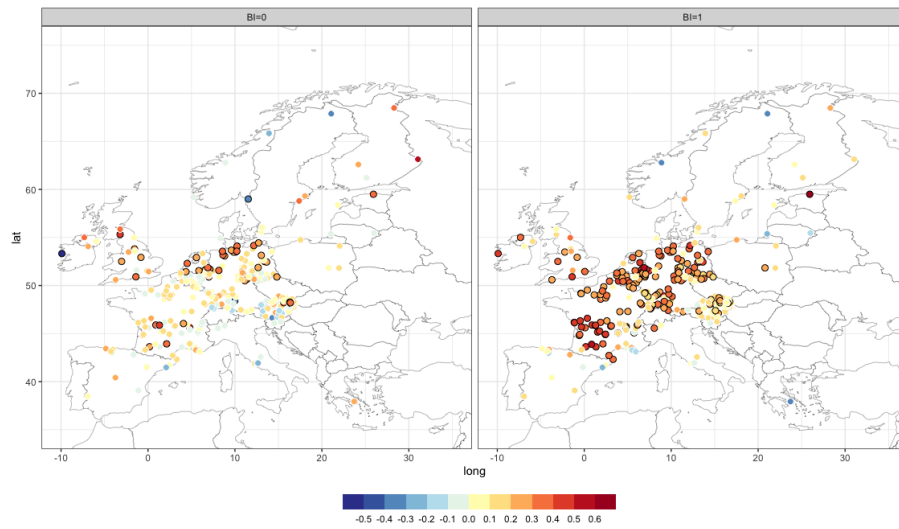
Figure S3. Spatial distribution of the correlation values between ozone and temperature extremes.
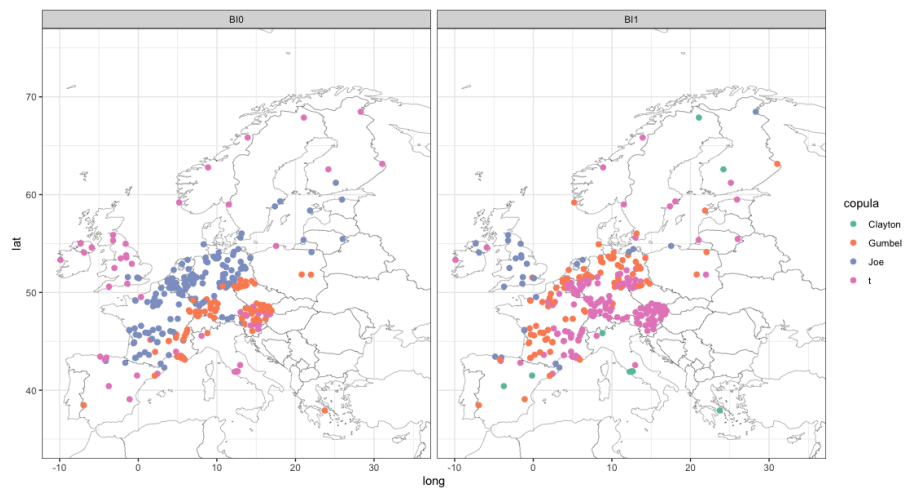
Figure S4. Spatial distribution of the selected copula for non blocking conditions (BI=0, left) and blockgin conditions (right, BI=1)
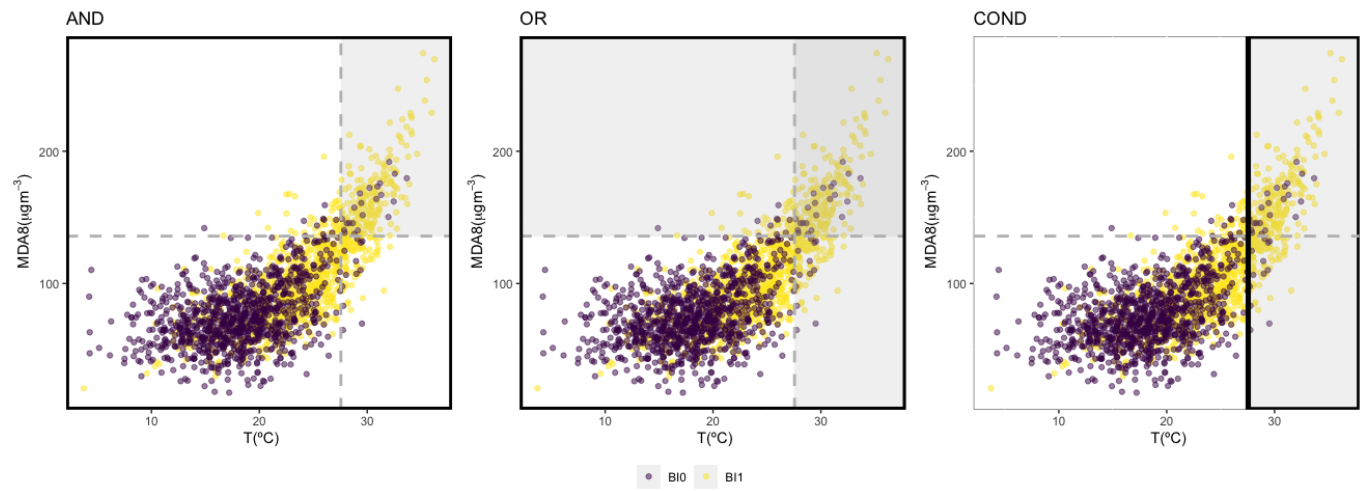
Figure S5. Illustrative example with the probability scenarios used in the study: AND (left), OR (middle), and COND(right). Bold black lines identify the domain where each probability is estimated and the grey areas represent the critical regions associated with the corresponding probability.