

# **Forcing factors of cloud-to-ground lightning over Iberia: regional-scale assessments**

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**Supplementary Material**

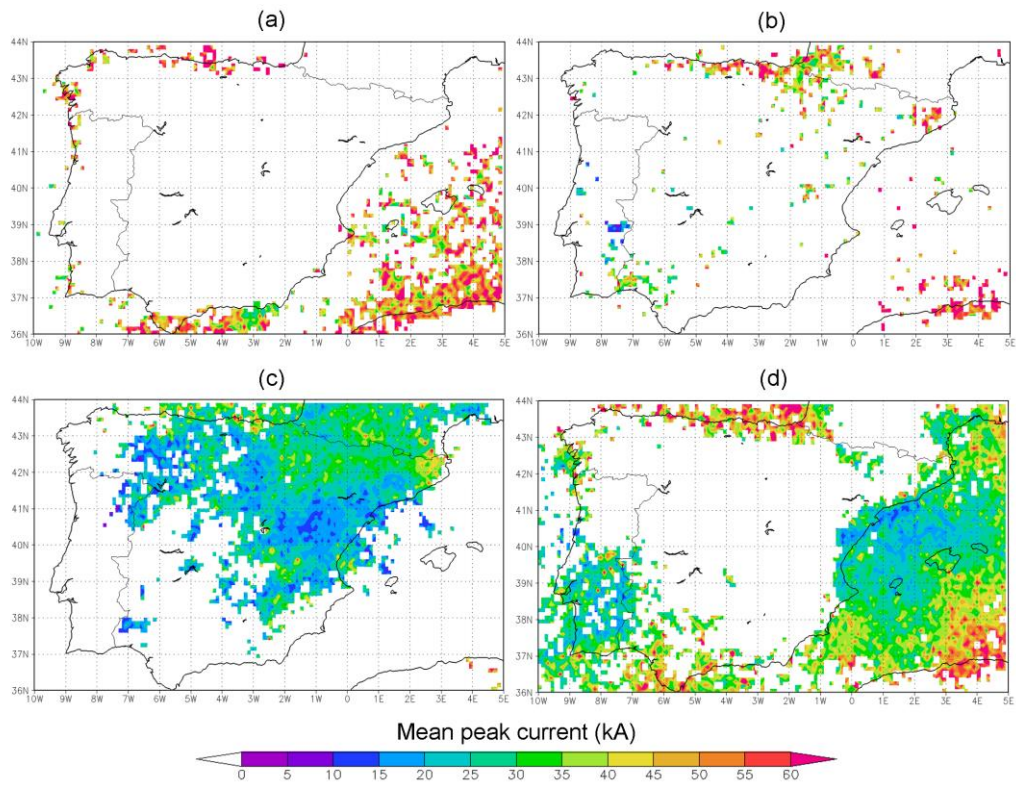


Figure S1: Maps of the 7-year (2003-2009) (a) DJF; (b) MAM; (c) JJA; (d) SON mean positive peak current (kA) recorded within the Iberian Sector [36-44°N, 10°W-5°E].

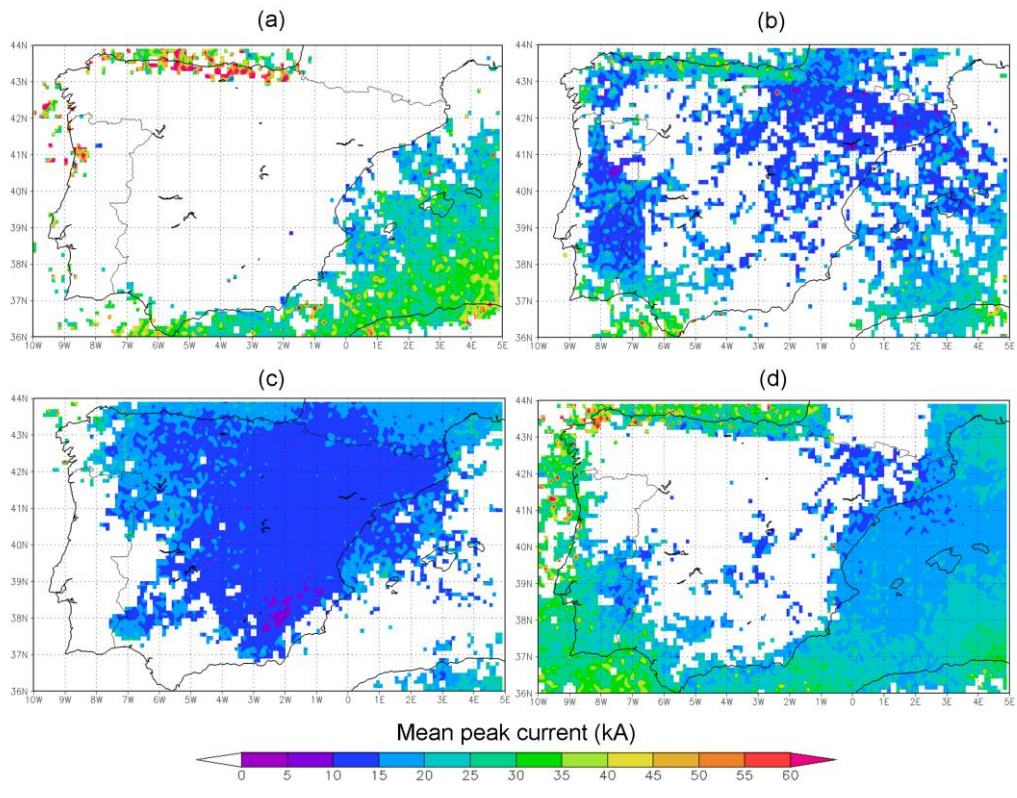


Figure S2: As in Fig. S1, but for the negative-polarity peak current.

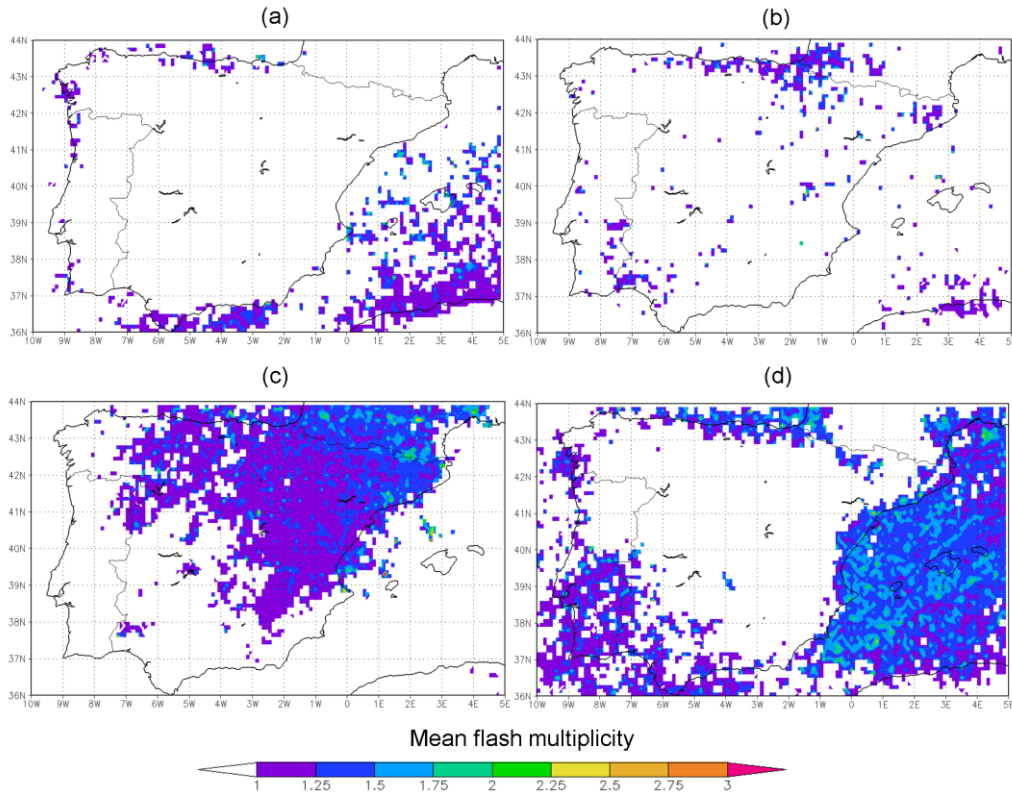


Figure S3: Maps of the 7-year (2003-2009) (a) DJF; (b) MAM; (c) JJA; (d) SON mean multiplicity of the positive-polarity CGF recorded within the Iberian Sector [36-44°N, 10°W-5°E].

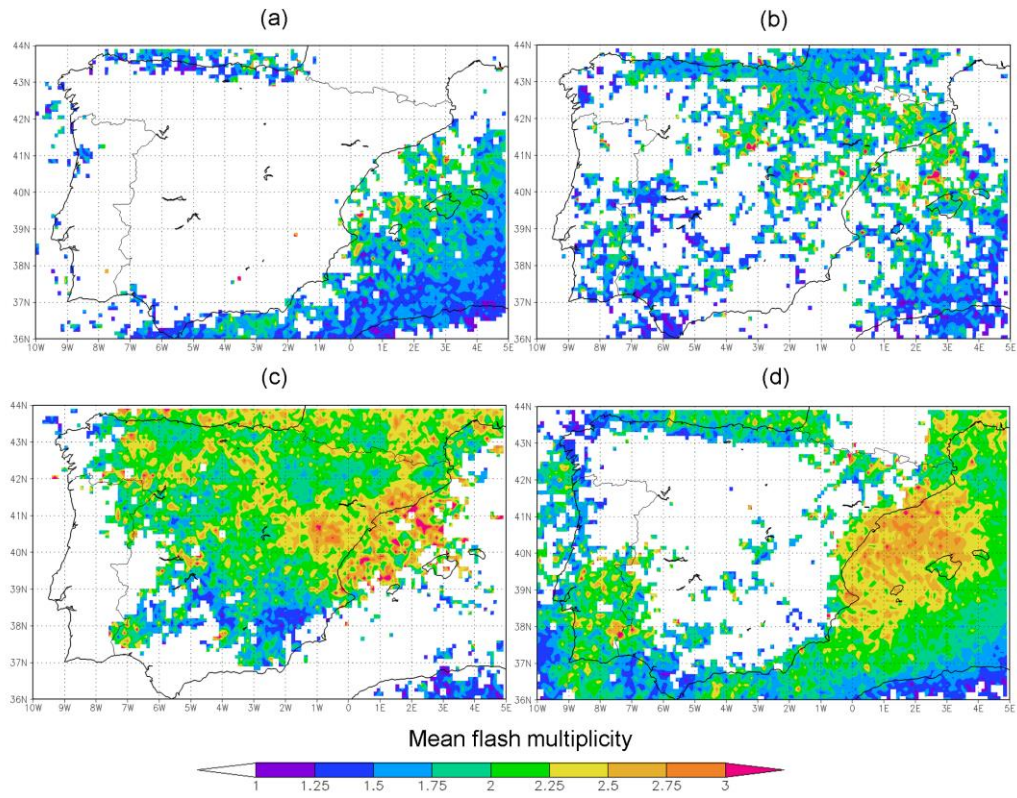


Figure S4: The same as in Fig. S3, but for the negative-polarity CGF.