**Future ant invasions in France**

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**APPENDIX 1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Climatic variables* | *Ag* | *Lh* | *Ln* | *Md* | *Mf* | *Mp* | *Mr* | *Pl* | *Pm* | *Sg* | *Si* | *Sr* | *Ta* | *Tm* | *Wa* |
| Annual mean temperature |  |  | × |  | × | × |  |  |  | × |  | × |  | × |  |
| Mean diurnal range | × |  | × | × | × | × | × | × |  | × |  | × | × | × |  |
| Isothermality | × |  | × |  | × |  |  | × |  | × | × | × | × |  |  |
| Temperature seasonality |  |  | × |  |  |  |  |  |  |  |  |  |  |  | × |
| Max temperature of warmest month |  | × |  |  |  | × | × | × | × |  |  |  | × |  |  |
| Min temperature of coldest month |  |  |  | × |  |  |  | × |  |  |  |  |  |  |  |
| Temperature annual range |  | × |  | × | × | × | × |  | × |  |  |  |  | × | × |
| Mean temperature of wettest quarter |  |  |  |  | × |  | × |  |  |  | × |  |  | × |  |
| Mean temperature of driest quarter |  | × |  |  |  |  |  |  |  |  |  | × |  |  |  |
| Mean temperature of warmest quarter | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mean temperature of coldest quarter | × | × |  |  |  |  | × |  | × |  | × |  | × |  | × |
| Annual precipitation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Precipitation of wettest month | × | × |  |  |  |  |  |  |  | × |  |  |  |  |  |
| Precipitation of driest month |  |  |  |  |  |  | × |  |  |  | × | × |  | × | × |
| Precipitation seasonality |  |  |  | × |  |  |  |  | × |  |  |  |  |  | × |
| Precipitation of wettest quarter |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |
| Precipitation of driest quarter |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |
| Precipitation of warmest quarter | × |  | × | × | × | × |  | × |  | × | × | × | × | × |  |
| Precipitation of coldest quarter | × | × | × | × |  | × |  | × | × |  | × |  | × |  | × |

**Table S1** The six most relevant climatic variables for predicting each species’ presence. The selected variables are not collinear (Pearson’s r < 0.75) and have the highest contribution to the MaxEnt model. Ant species codes: Ag = *A. gracilipes*, Lh = *L. humile*, Ln = *L. neglectus*, Md = *M. destructor*, Mf = *M. floricola*, Mp = *M. pharaonis*, Mr = *M. rubra*, Pl = *P. longicornis*, Pm = *P. megacephala*, Sg = *S. geminata*, Si = *S. invicta*, Sr = *S. richteri*, Ta = *T. albipes*, Tm = *T. melanocephalum*, and Wa = *W. auropunctata*.