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Seed germination niche of the halophyte *Suaeda maritima* to combined salinity and temperature is characterised by a halothermal time model

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Declarations of interest: none

Highlights

- Halothermal time model describes seed germination of the halophyte *Suaeda maritima*
- Increasing salinity was associated with a reduced base temperature for germination
- Maximum concentration of NaCl for germination decreased with temperature increase
- Osmotic adjustment through Na⁺ accumulation in the seed influenced the model fit
- The model revealed two germination niches under combined temperature and salinity

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