What is the potential for BTV spread in GB

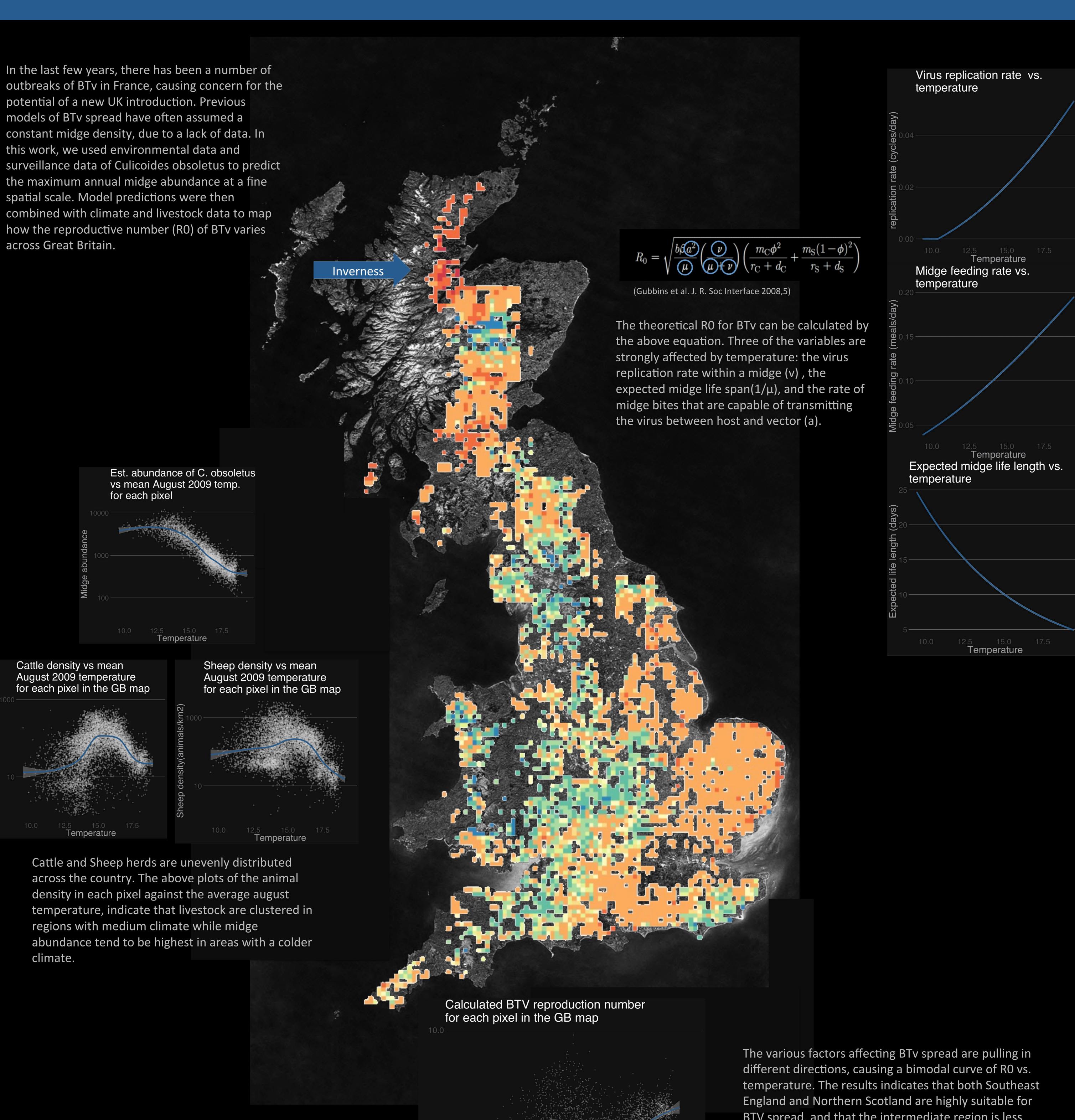
and how is it affected by temperature and midge abundance?

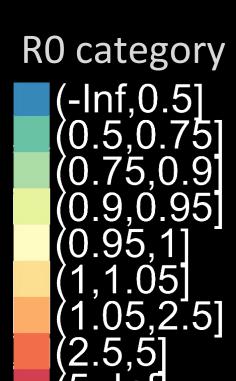
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(Map showing estimated R0 in August 2009)

different directions, causing a bimodal curve of R0 vs. temperature. The results indicates that both Southeast England and Northern Scotland are highly suitable for BTV spread, and that the intermediate region is less suitable. BTv has never been introduced in Scotland, so these model results cannot be fully evaluated, but they nevertheless could have implications for the management of future BTv epidemics.