



Dairy farmer behaviour in infectious disease control

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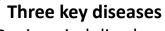
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Current disease prediction models do not account for the dynamic, reactive and heterogeneous response of farmers to the risk of infection



Aims

- Investigate farmers' psychosocial belief and attitude distributions, and the relative importance of these on farmer decisions about disease control
- Estimate parameter distributions for the most important attributes to put into disease prediction models

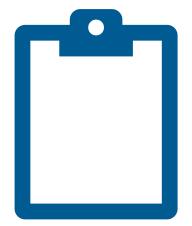


Bovine viral diarrhoea
Foot-and-mouth disease
Bovine tuberculosis



Focus groups

3 groups Feb 2020 Identify attributes to include in the survey



Survey

Send to 5,000 farmers
2020
Assess farmer attributes,
beliefs and practices for
disease control



Elicitation interviews

80 per disease 2021

Estimate important parameter distributions for farmer decisions about disease control



James Breen (University of Nottingham)
Participating farmers and veterinary practices
Funded by BBSRC



Biotechnology and Biological Sciences Research Council

