

Animal health economics – incentives and behaviours, costs and simulations

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We present here some examples of animal health economics research moving beyond direct costs and benefits of disease control to estimation of indirect costs while considering the factors influencing producers' potential response to shocks, and propensity to technological uptake in the context of policy and market incentives.

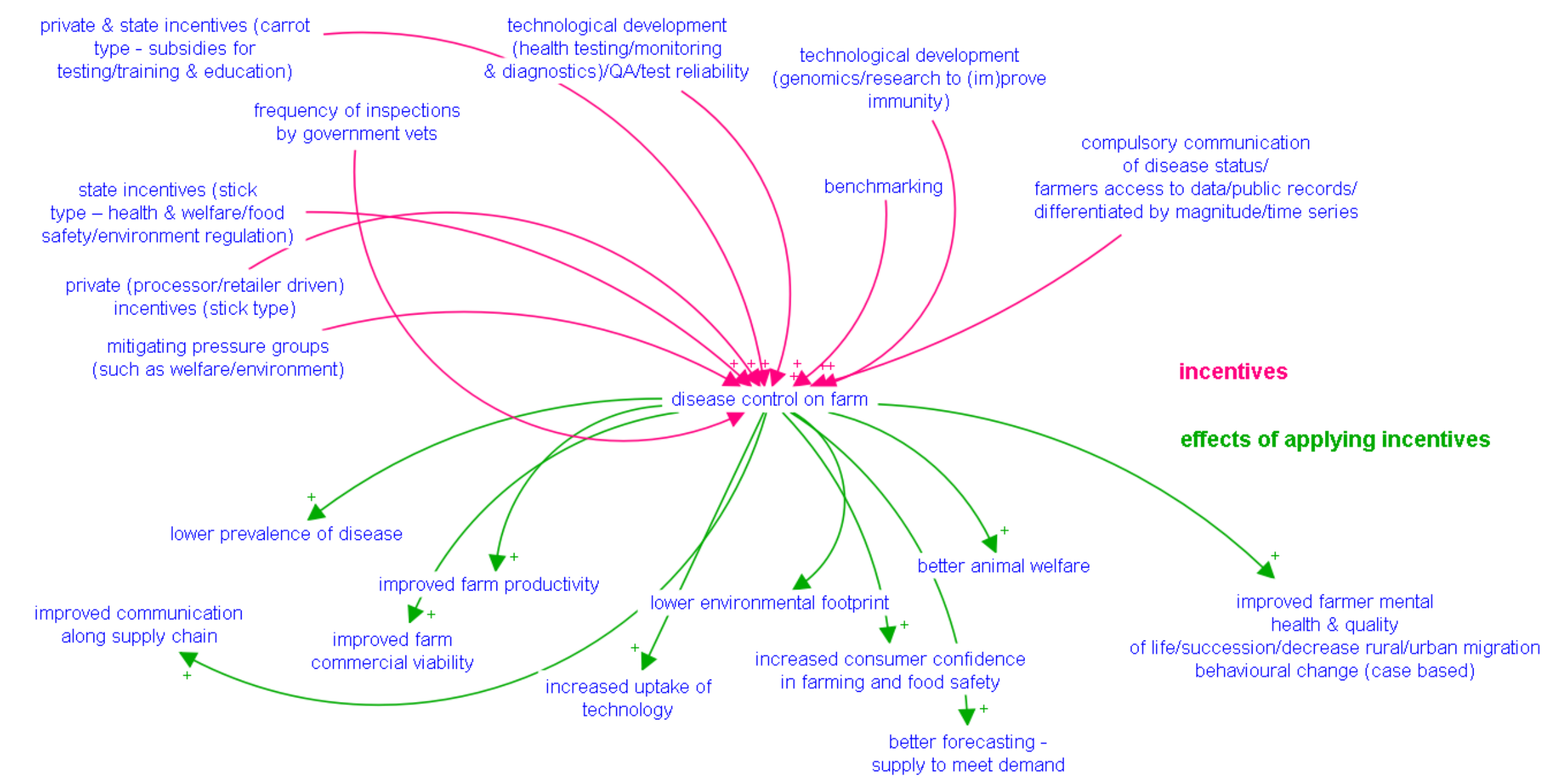


Figure 3. Stakeholder-identified incentives to improve disease control on Scottish dairy farms



Figure 1. Estimation of indirect costs of African Swine Fever control in Scotland

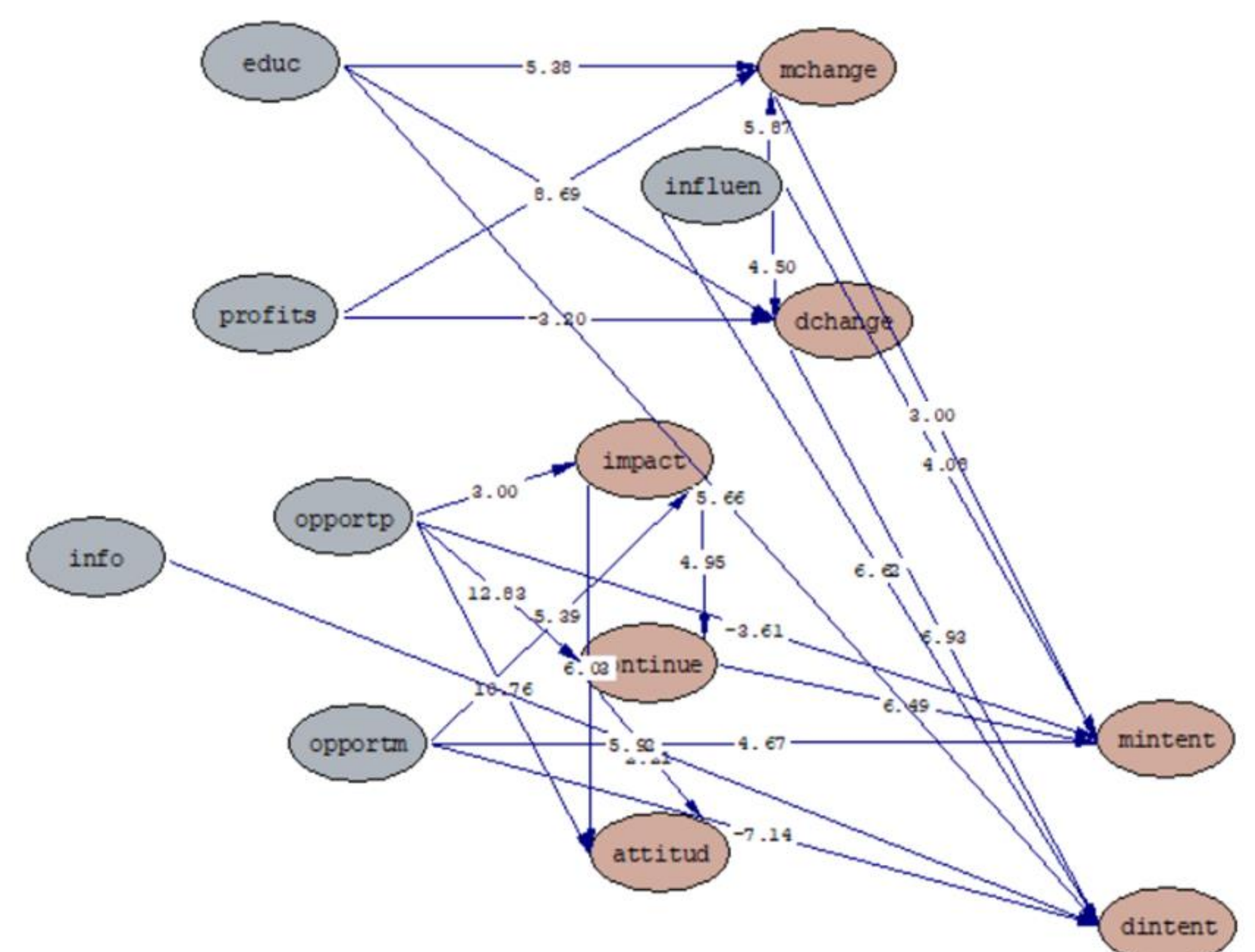


Figure 4. Influences on Scottish livestock farmers' intentions to make changes to business post Brexit

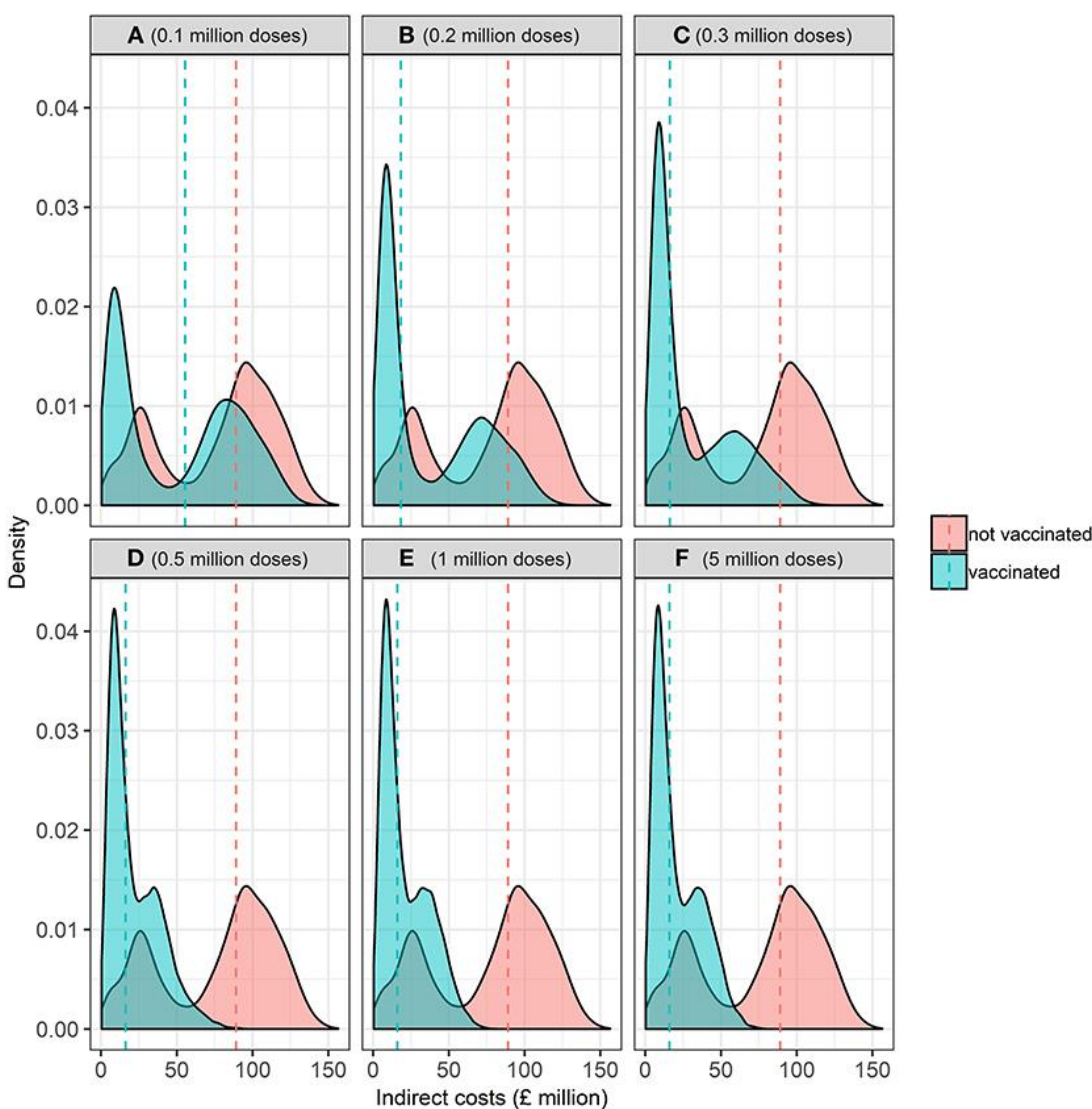


Figure 2. Estimation of indirect costs of Foot and Mouth Disease control in Scotland

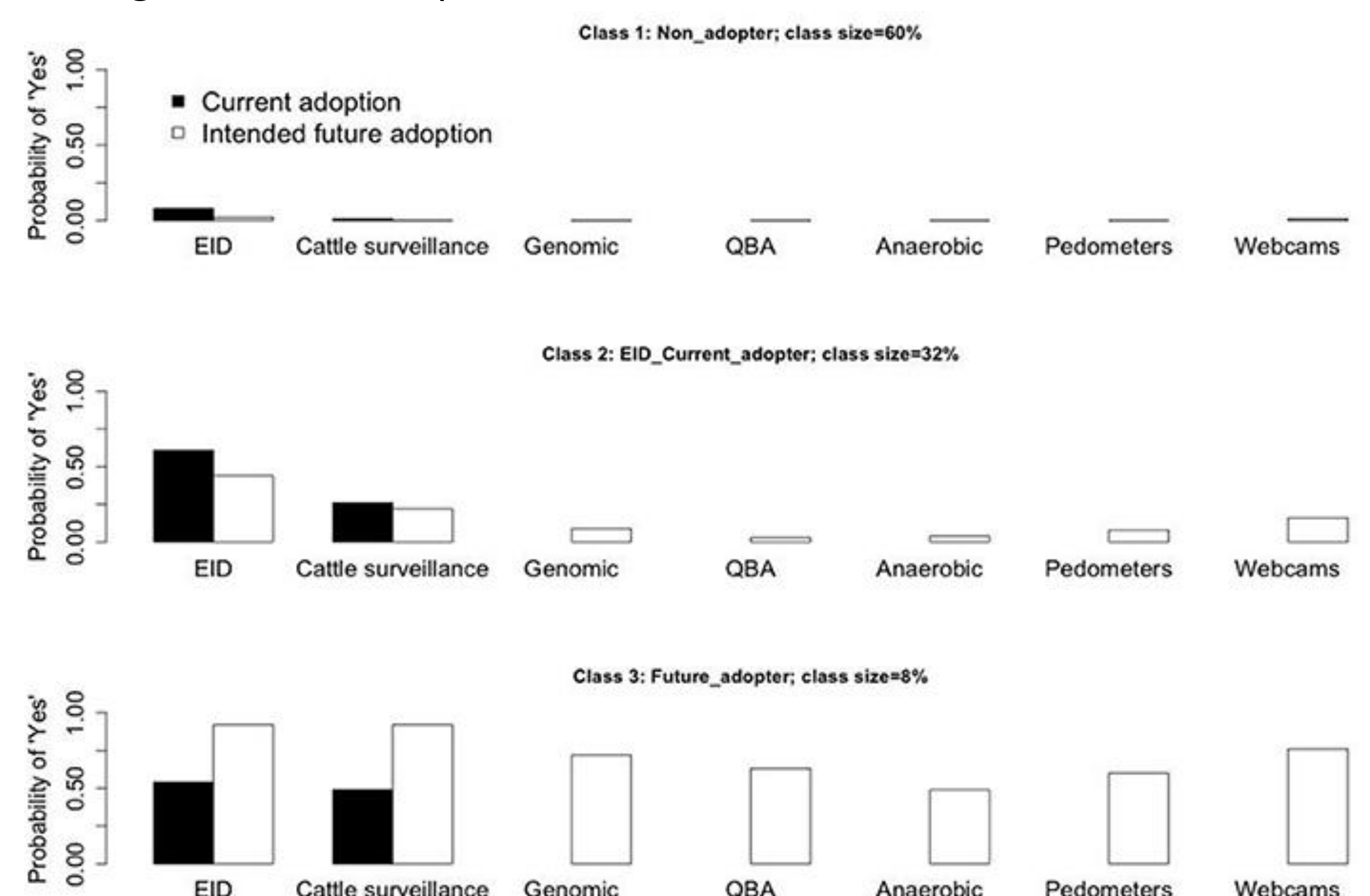


Figure 5. Farmers' uptake of animal health and welfare technological innovations

References

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- Liu, J., Toma, L., Barnes, A.P., Stott, A. 2019. Farmers' uptake of animal health and welfare technological innovations. Implications for animal health policies. *Frontiers in Veterinary Science - Veterinary Epidemiology and Economics* <https://doi.org/10.3389/fvets.2019.00410>