

Development of a Surveillance analysis Tool for Outcome-based Comparison of the confidence of freedom generated by control programmes

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Why

For a number of diseases, EU countries have:

- Variation in control programmes
 - Different definitions of the “free” status
 - Different stages of disease eradication
- } risk of transmitting diseases by cattle movements.

Need: ability to objectively compare programmes’ outcomes to enhance safety of trade

Aim

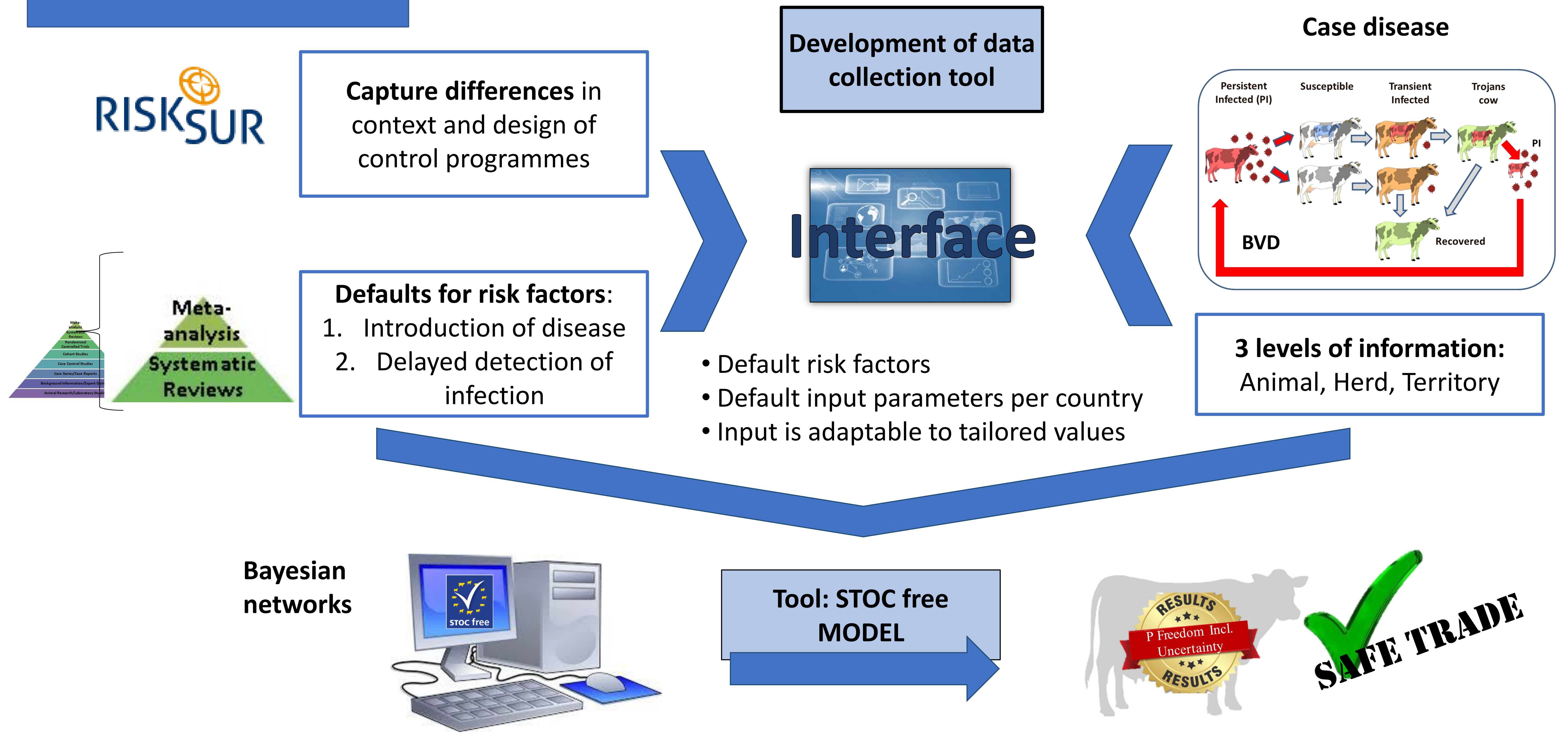
Develop and validate a new tool

STOC free

that enables a **transparent and standardized comparison of confidence of freedom** for control and eradication programmes

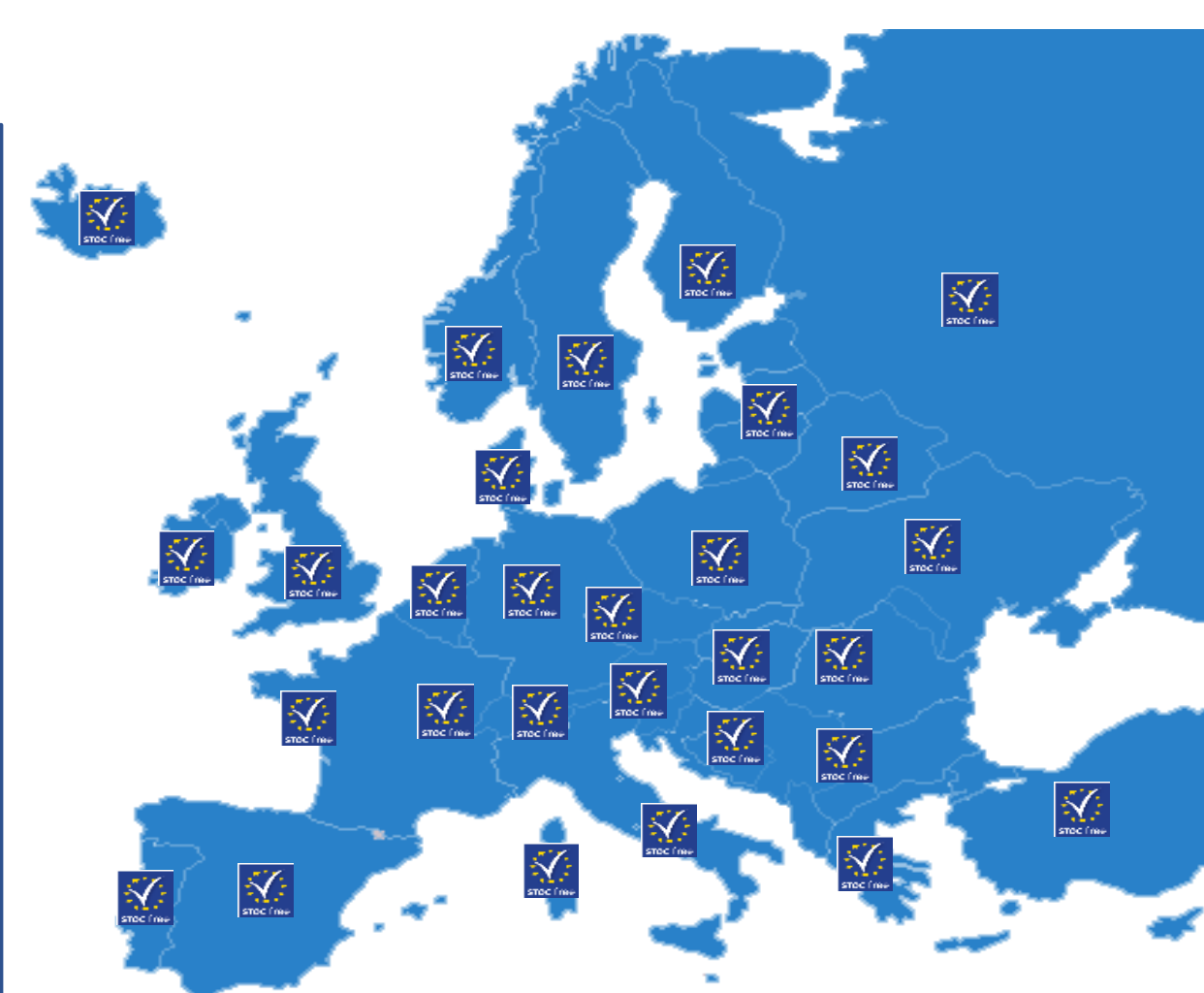
Answer the Question: What are the **probability** and **uncertainty** that an animal is free of disease when leaving the farm with a free status given available information?

The framework



Vision

- Easy to use and freely available
- Creation of uniform output from heterogeneous input
- Output on different levels of aggregation
- Expandable with other characteristics
- Adaptable to other species and diseases
- Confidence: the probability of freedom combined with uncertainty



www.stocfree.eu



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