# B I O ≥ S E C U R E ⊡ Quantitative Risk Analysis as a Tool to **Improve Biosecurity on Cattle Farms**

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B

Yes

### Objective

To quantify the probability of pathogen introduction to cattle farms through animal movements and the impact of biosecurity measures on prevention.

#### **Methods**

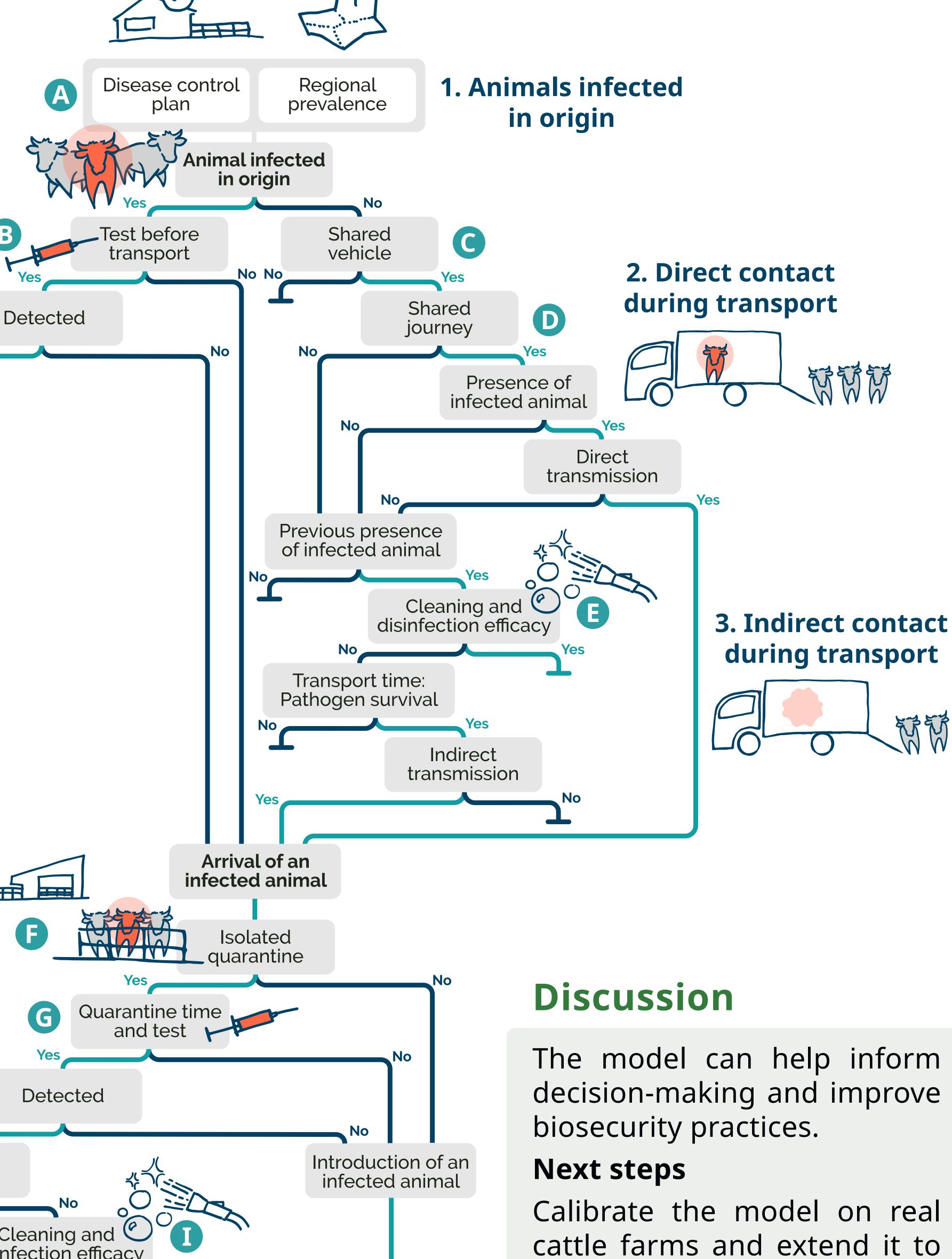
Quantitative stochastic risk assessment model using data from farm surveys, available databases and literature.

**Pathway:** Purchase of cattle Pathogens can be introduced by [1-4]



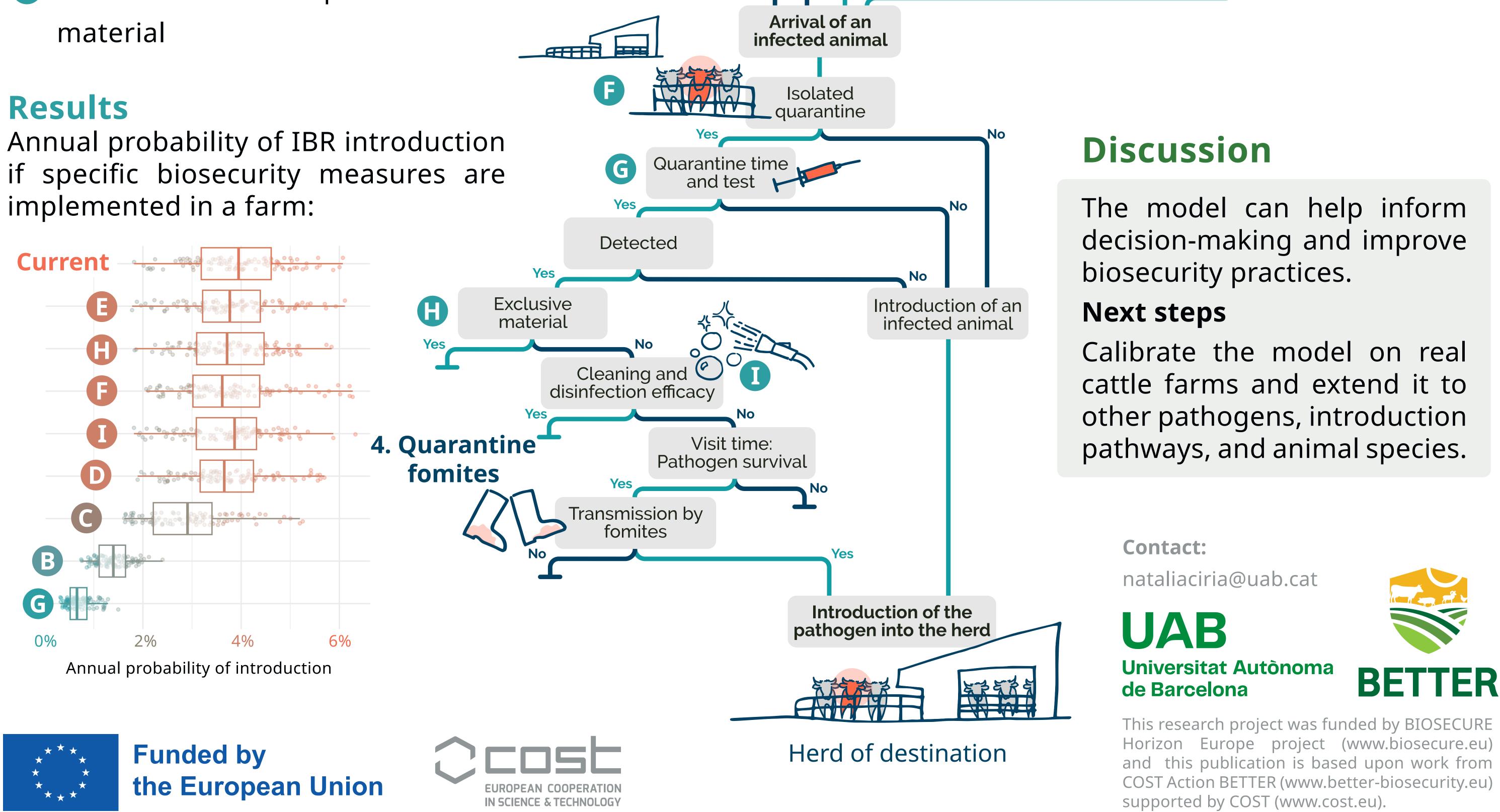
#### **Biosecurity measures** assessed

- Purchase animals from herds with a disease control plan
- Test animals before transport B
- Use your own vehicle and do not share it
- Do not transport your animals with animals from other farms
- Clean and disinfect the vehicle
- Quarantine new animals
- Test animals during G



## quarantine

- Use exclusive quarantine B material
- Clean and disinfect quarantine material



# during transport