



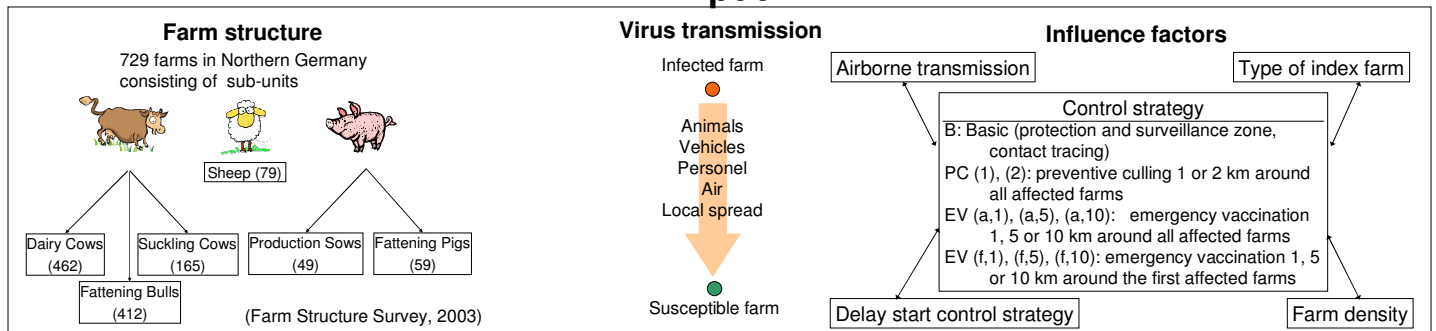
Preventive Culling and Emergency Vaccination

Simulation Study about the Eradication Foot and Mouth Disease

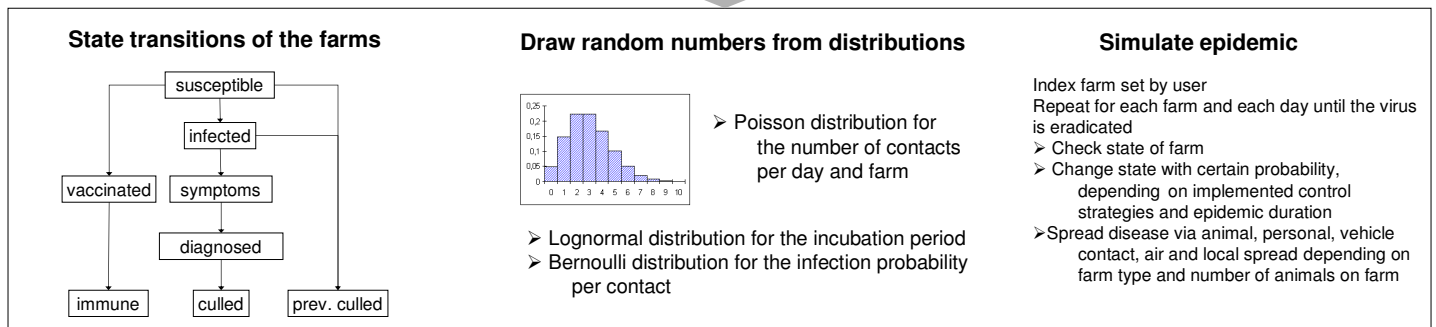
Is the emergency vaccination an alternative to the preventive culling?

Are there interactions between the control strategy and other influence factors?

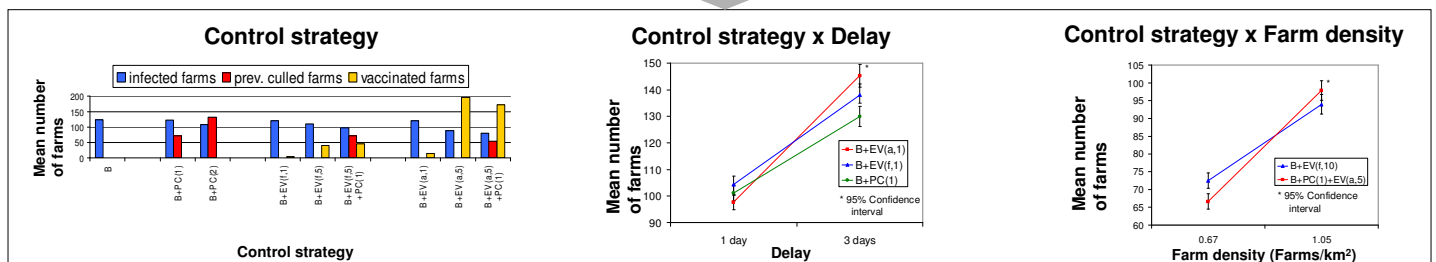
Input



Spatial and Temporal Monte-Carlo Simulation



Results



Conclusion

- The emergency vaccination is an alternative control strategy to the preventive culling if it starts immediately and in a large area around affected farms.
- The interactions show that the emergency vaccination has to be implemented rapidly and especially in densely populated areas.

