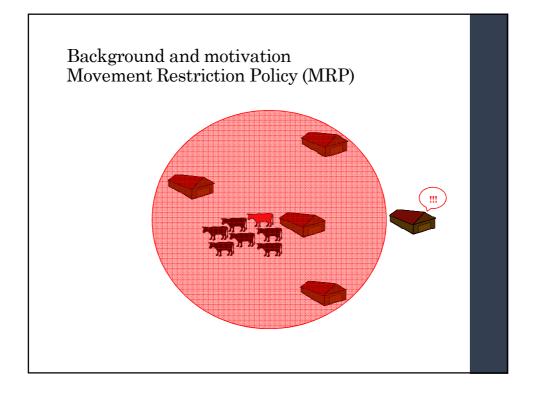
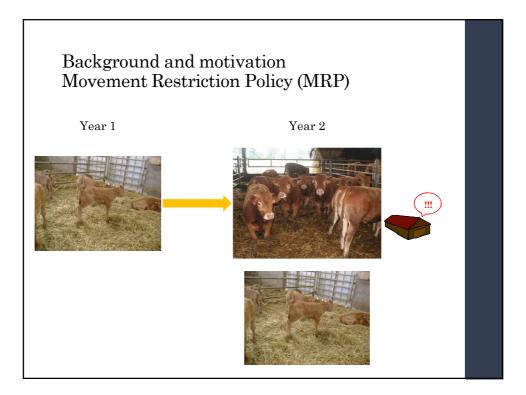
The impact of farmers' strategic behavior on the spread of animal infectious diseases

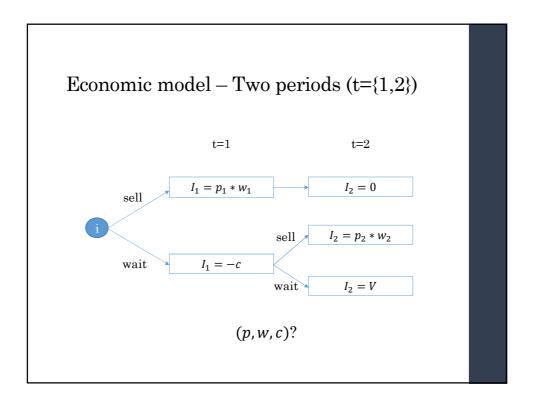
Damian Tago Toulouse School of Economics (LERNA, INRA) 2014

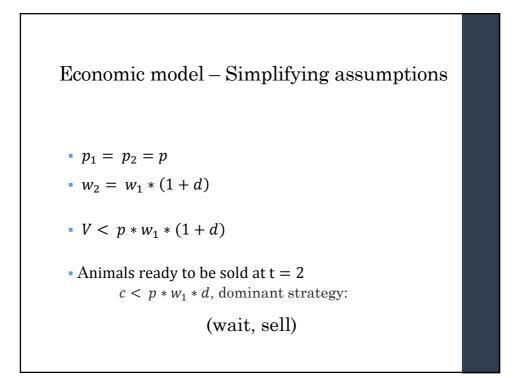
## Roadmap

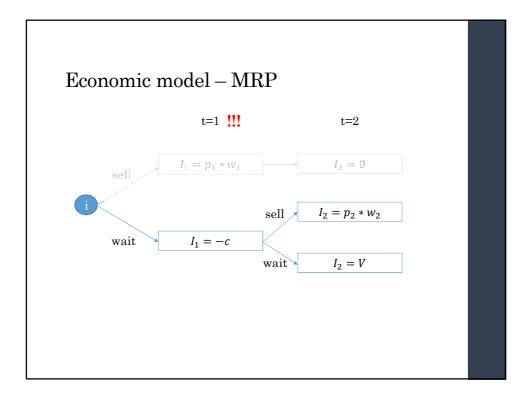
- Background and motivation
- Economic model Anticipation effects
- Epidemiological model
- Results
- Conclusions

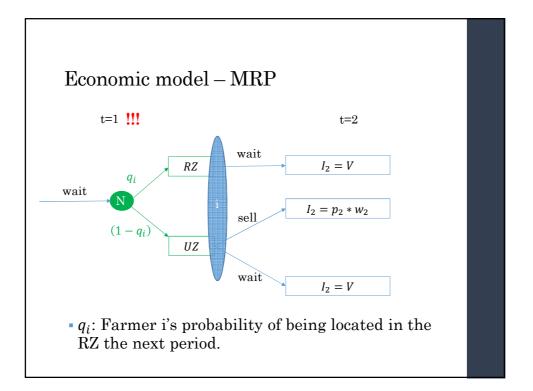


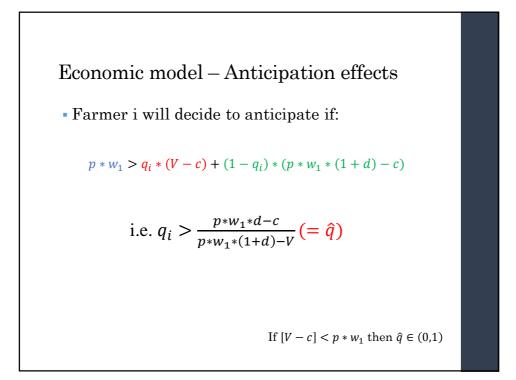


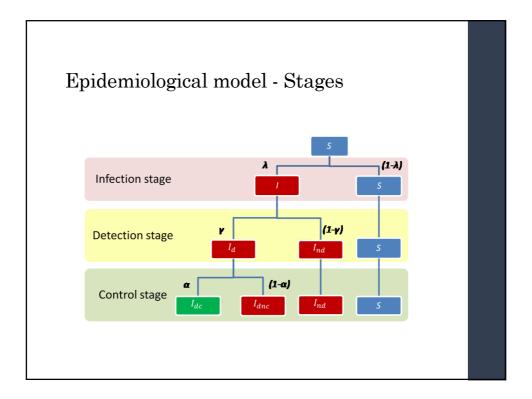


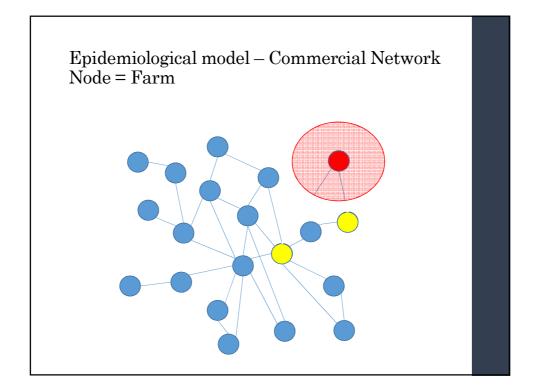


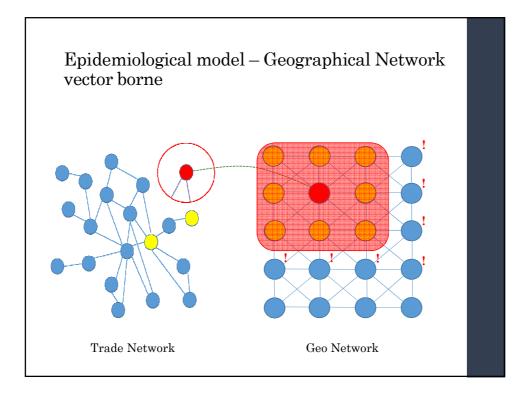


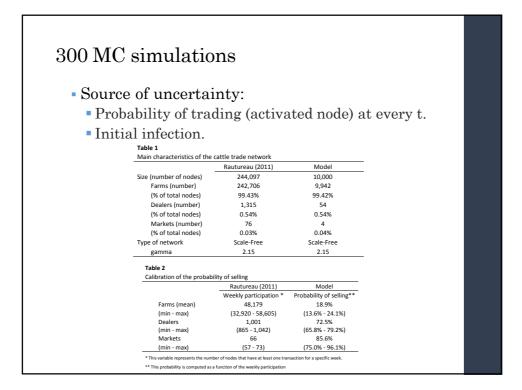


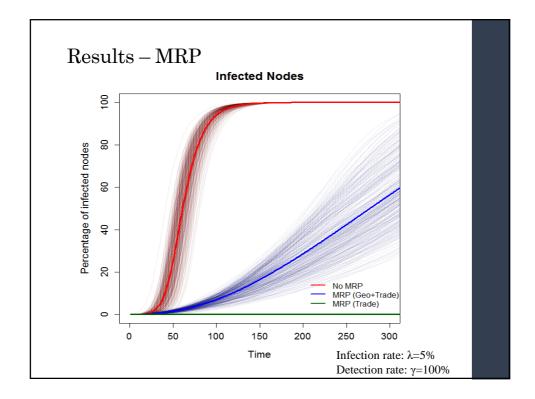


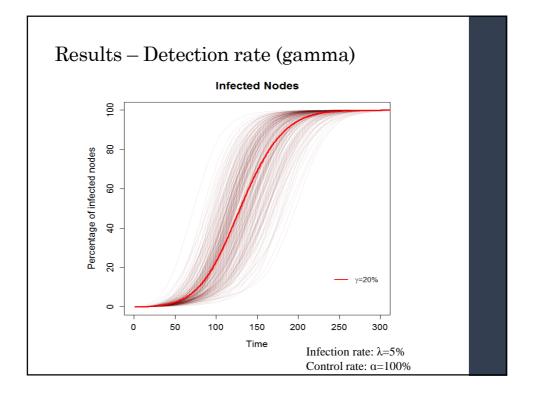


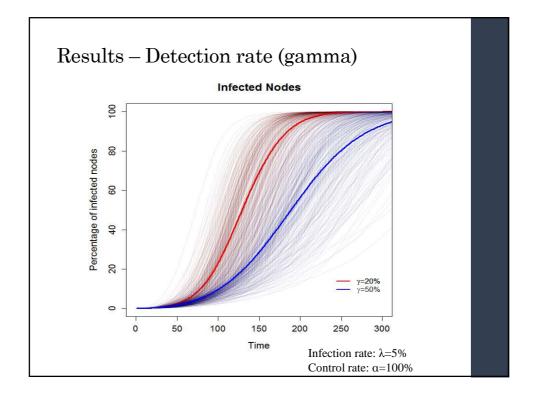


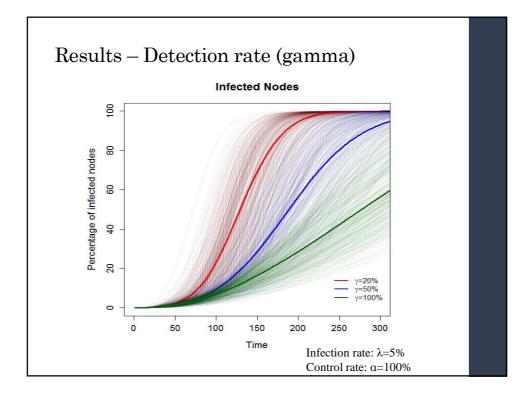


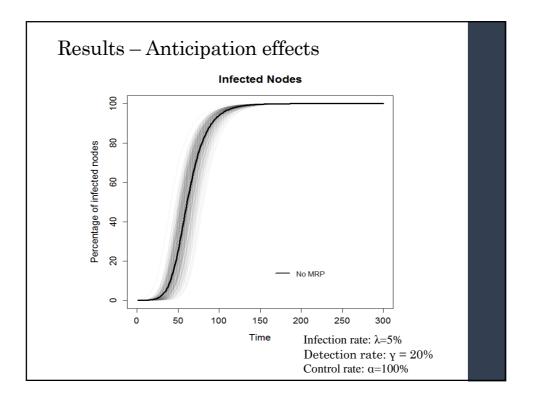


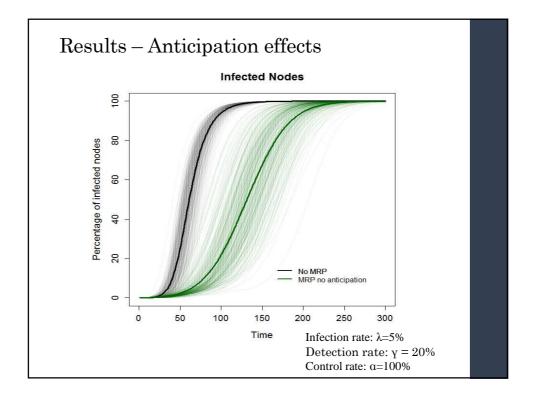


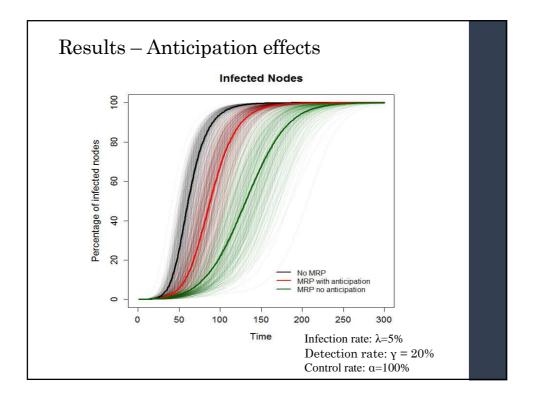


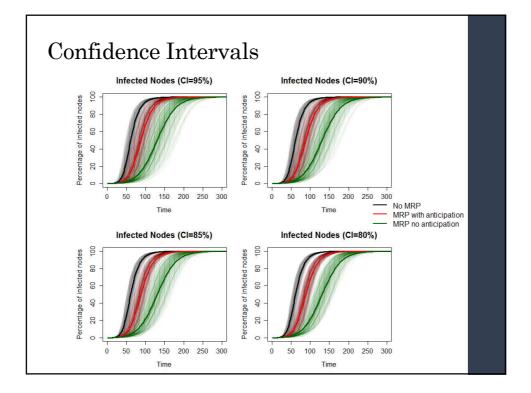


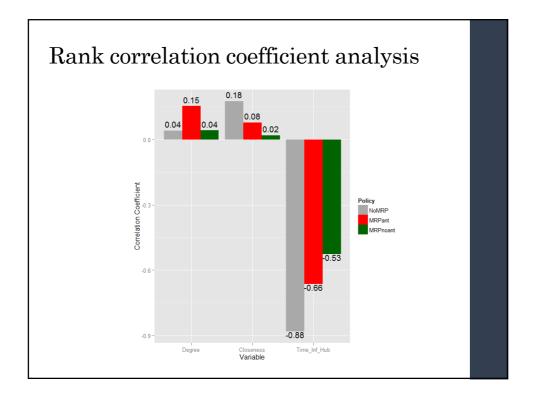


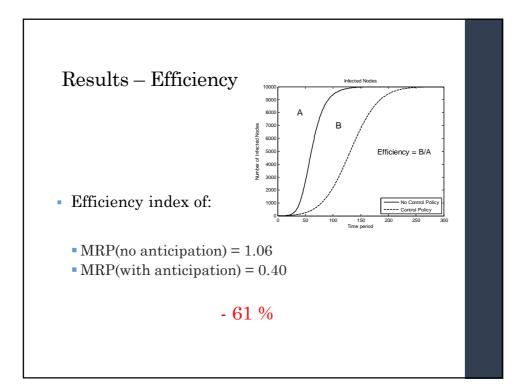


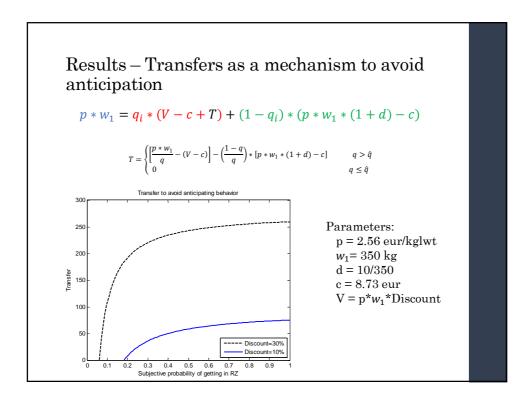












## Conclusions

- The implementation of movement restrictions can trigger premature sales.
- Premature sales can increase the speed of spread of an infectious disease.
- Provision of financial aid is supported by public health concerns (not only compensatory).