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# Towards a framework of adaptive herd management

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## **SHIFTING THE BURDEN?**

#### MULTIPLE STABLE STATES IN MANAGEMENT



#### MULTIPLE STABLE STATES IN MANAGEMENT

### Trajectories of kidding seasonality in dairy goat systems



Years

unpublished data

#### **BIOTECHNICAL FEED-BACK ON MANAGEMENT**



#### **BIOTECHNICAL FEED-BACK ON MANAGEMENT**

An intensification of sheep reproduction rhythm



#### SYNTHESIS



# A global architecture of adaptation in LFS



### A global architecture of adaptation in LFS

We believe

### with a minimalist framework for modelling adaptive herd management under a co-evolutionary perspective

Perspectives:

- Explore LFS resilience for different patterns of external variations

- Introduce fundamentals differences between farm strategy



# THANK YOU FOR YOUR ATTENTION

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