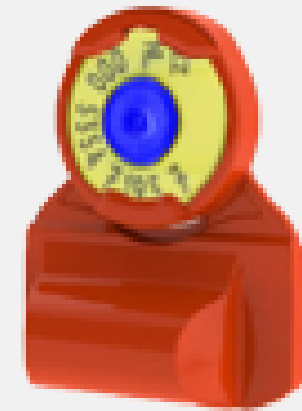


BEEF EXTENSION WITH UCVM

Impact of digital dermatitis on feedlot cattle behaviour

CHANGES IN BEHAVIOUR

- An ear accelerometer was used to record behaviour



Behaviour parameters:

- Rumination times
- Eating times
- Activity times
- Inactivity times



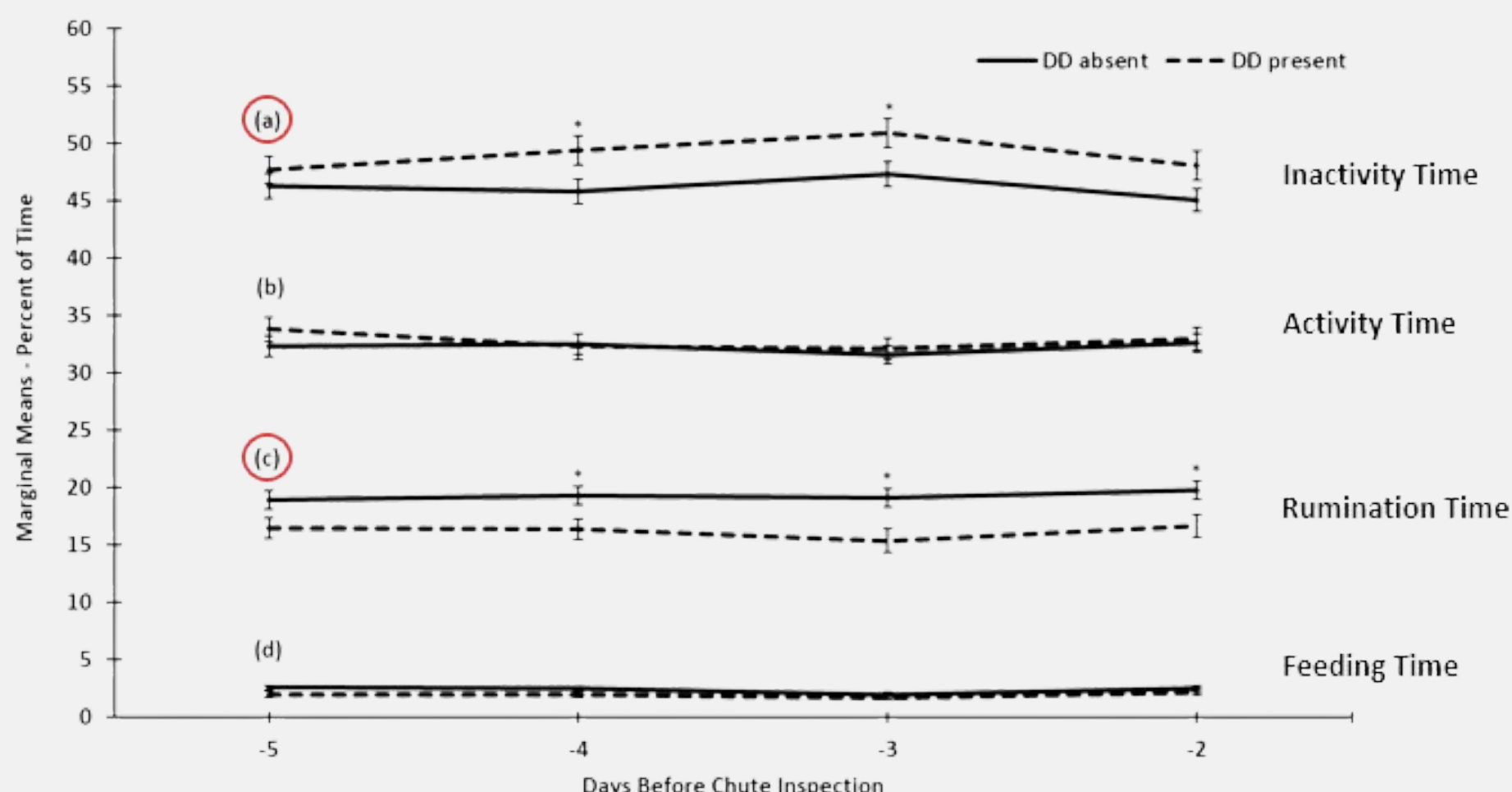
DD DIAGNOSIS

Hind feet lifted and clinically appraised for DD in the chute

OBSERVATION PERIOD

Five to two days before DD diagnosis in the chute

WHAT WE FOUND



WHAT THIS MEANS

- Rumination is depressed and inactivity increased in DD animals 5-2 days before diagnosis
- There is no difference in daily activity and eating time

WHAT IS DIGITAL DERMATITIS (DD)

- Major cause of infectious lameness in cattle
- Significantly impacts welfare and productivity

WHY DO WE CARE?

- Emerging disease in feedlots
- Early detection is difficult
- Not all cattle become lame

DD LESION STAGES



DD absent



Active DD lesions



Chronic DD lesions

