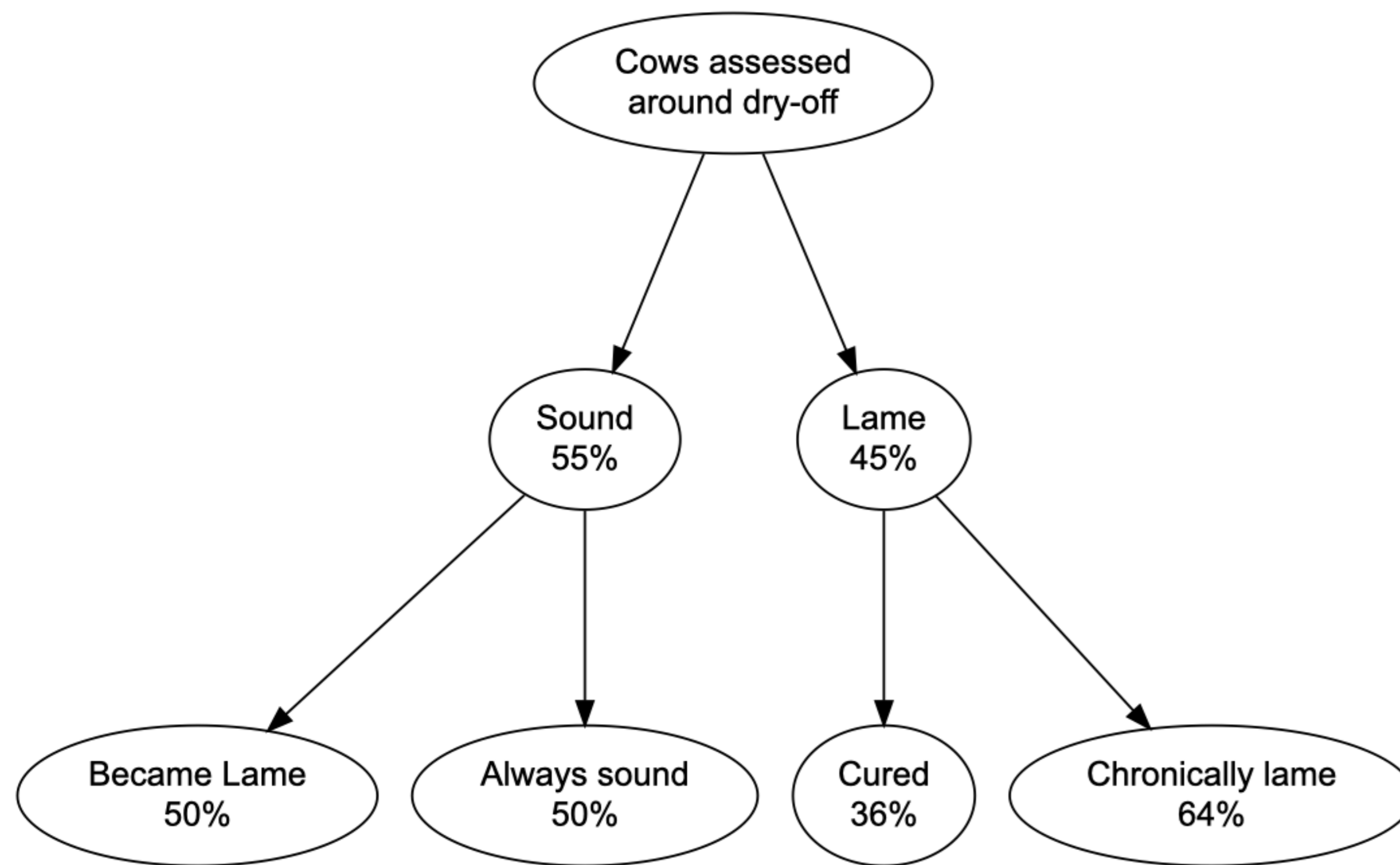


# The health of transition cows

## Dry period lameness

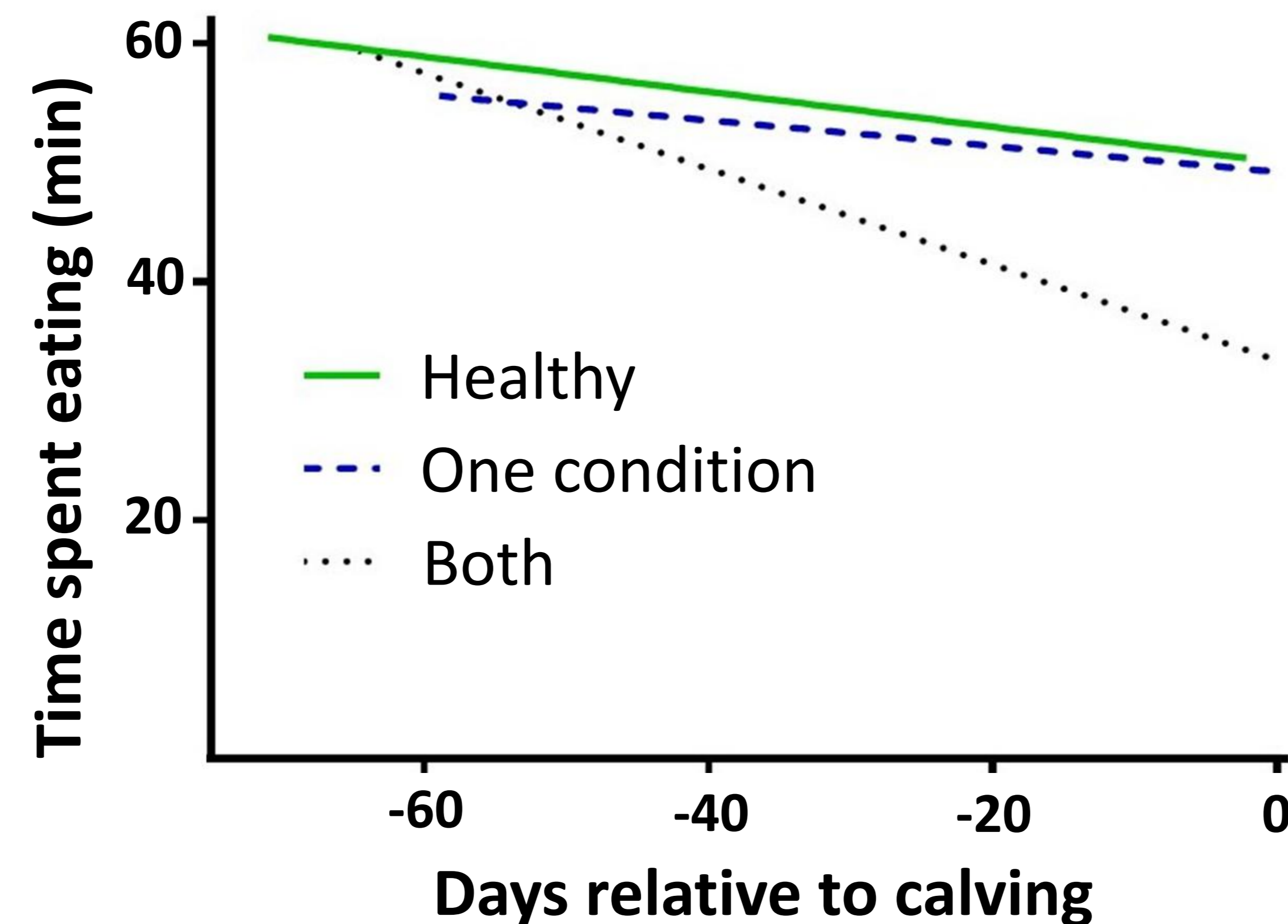


All cows were gait scored weekly during the dry period, and 45% of cows (n = 455) were trimmed before dry-off

- More cows became lame than cured during the dry period
- Hoof trimming before dry-off was protective in primiparous cows but not in multiparous cows

Daros et al., 2019, in preparation

## Feeding behavior and diseases

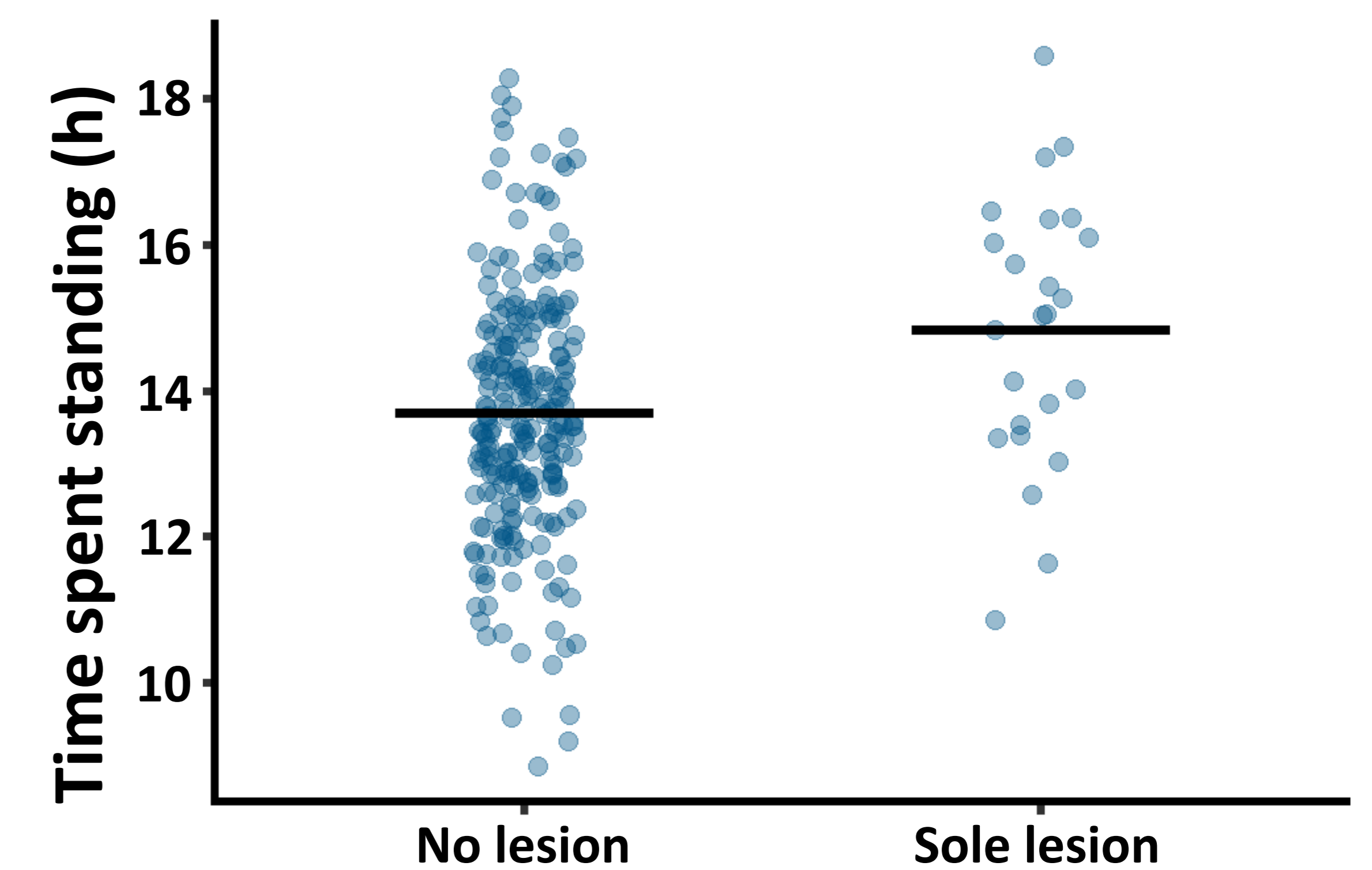


Cows (n = 80) from 5 farms were video recorded for 90 min after fresh feed delivery to evaluate feeding behaviour

- Cows diagnosed with both metritis and ketosis postpartum spent less time feeding before calving than healthy and cows sick with one condition.

Sahar et al., 2019, in review

## Standing behavior and sole lesions



Cows with either no claw lesion (n=232) versus those with sole lesions (n=24) at peak lactation

- Cows that stood more in the first 2 wk after calving were more likely to develop sole lesions at peak lactation
- Cows developing sole lesions had 16 times higher odds of becoming severely lame postpartum

Eriksson et al., 2019, in preparation

## Take home messages:

- There is a high incidence of lameness during the dry period
- Cows that spend less time feeding prepartum have higher risk of becoming sick
- Cows that stand more after calving are more likely to develop sole lesions