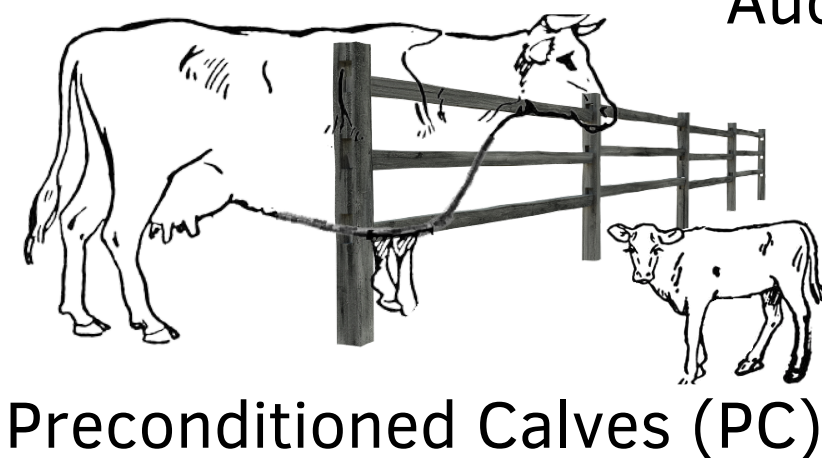
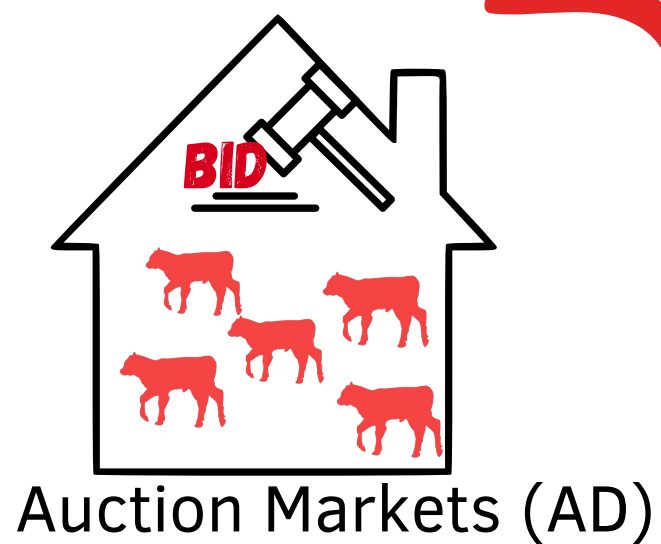
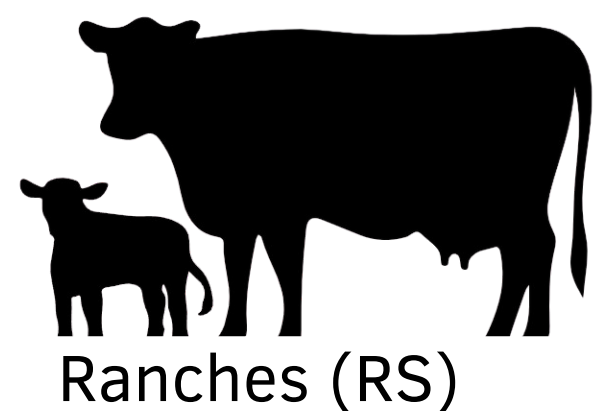
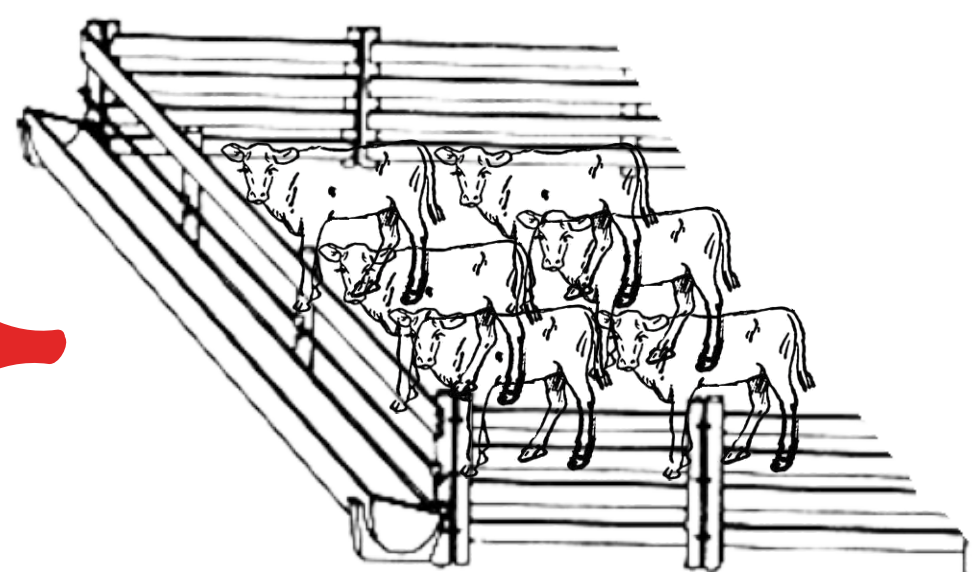


**CALF SOURCES**

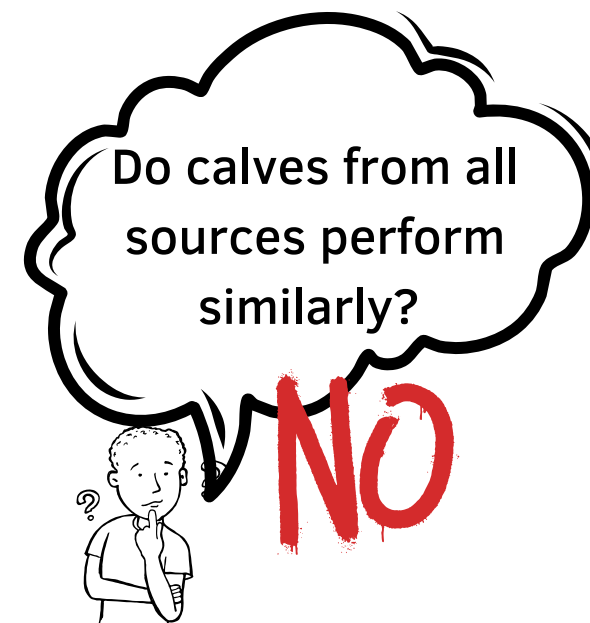


**FEEDLOT**



Cattle commingled

- ↑ Bovine respiratory disease (BRD)
- ↑ Stress related to transition



Management practices that prepare calves for the feedlot is called preconditioning

- PC beef calves have
- ↓ Sickness
  - ↓ Deaths
  - ↑ Productivity

What is the impact of comingling PC, AD and RS beef calves on arrival at the feedlot?

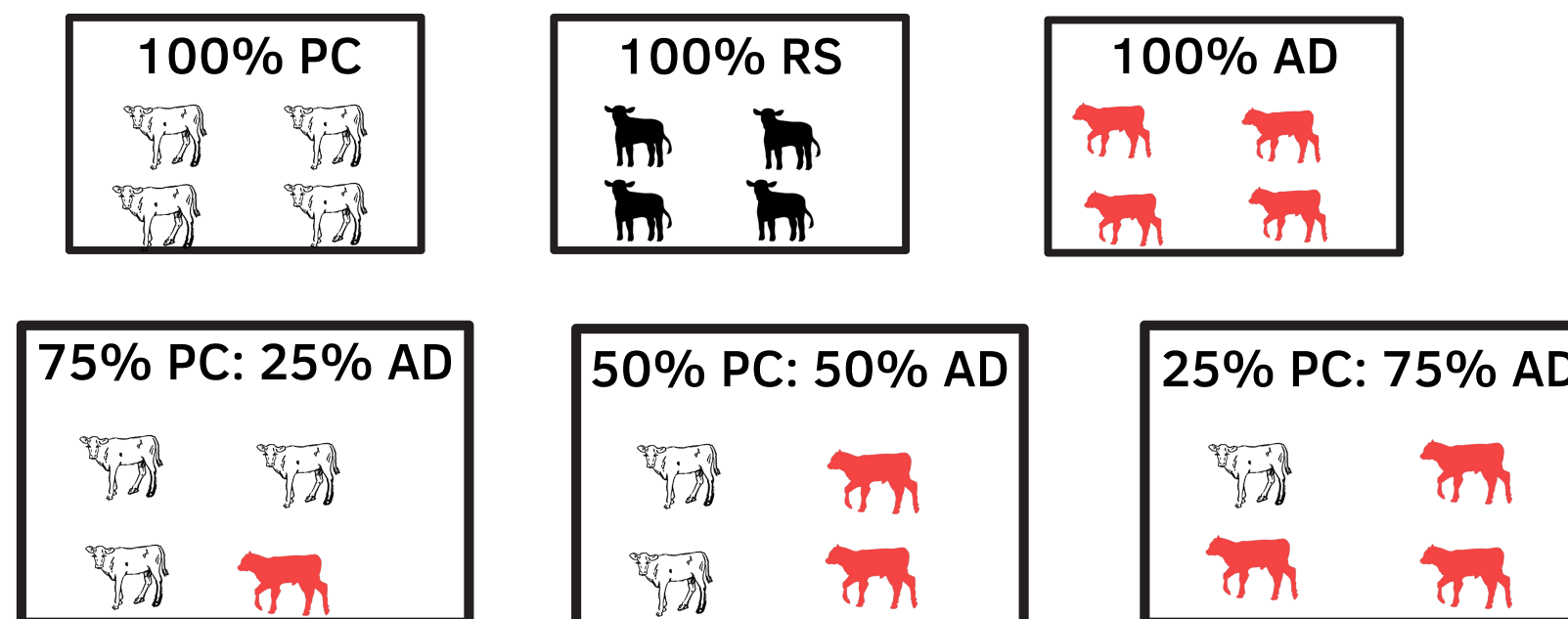
Is feeding behaviour and activity levels different between PC, AD and RS beef calves?

**What we did**

Assessment - first 7 days at the feedlot

- Feeding (eating & rumination)
- Activity level

**Groups**



**What we found – behaviour**

Compared to AD calves PC calves

- ↑ Eating
- ↓ Inactive

Compared to RS calves PC calves

- ↑ Eating
- ↓ Inactive

**What we found – commingled pens**

Comparing 100% PC pens to 75% PC pens

- 100% PC pens spent 5% more time eating

Comparing 100% PC pens to 25% PC pens

- 100% PC pens spent 5% more time eating

**TAKE HOME MESSAGE**

Preconditioned calves spend more time eating during the first week at the feedlot compared to auction derived and ranch sourced calves

Introducing preconditioned calves to the feedlot could positively impact feeding behaviour in the first week at the feedlot