Total randomized records remained
\[ n = 592 \text{ (} n = 360 \text{ heifers and } n = 232 \text{ multiparous)} \]

Available records
\[ n = 984 \]

Excluded animals : \[ n = 392 \]
- abortions \((\text{n} = 7)\),
- reproductive pathologies \((\text{n} = 130)\),
- BCS < 3.00 \((\text{n} = 93)\),
- parity range > 5 \((\text{n} = 54)\),
- systemic diseases \((\text{n} = 91)\),
- unknown anamnesis \((\text{n} = 17)\).