

# Animal health situation on European organic dairy farms

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# Aim

- Provide basic information on the status of animal health on European organic dairy farms.
- Focus' on production diseases because they are linked to farming systems and management decisions and thus related to the regulatory framework of organic production:
  - Udder
  - Reproductive
  - Metabolic
  - Locomotor
- Full details in D2.5.

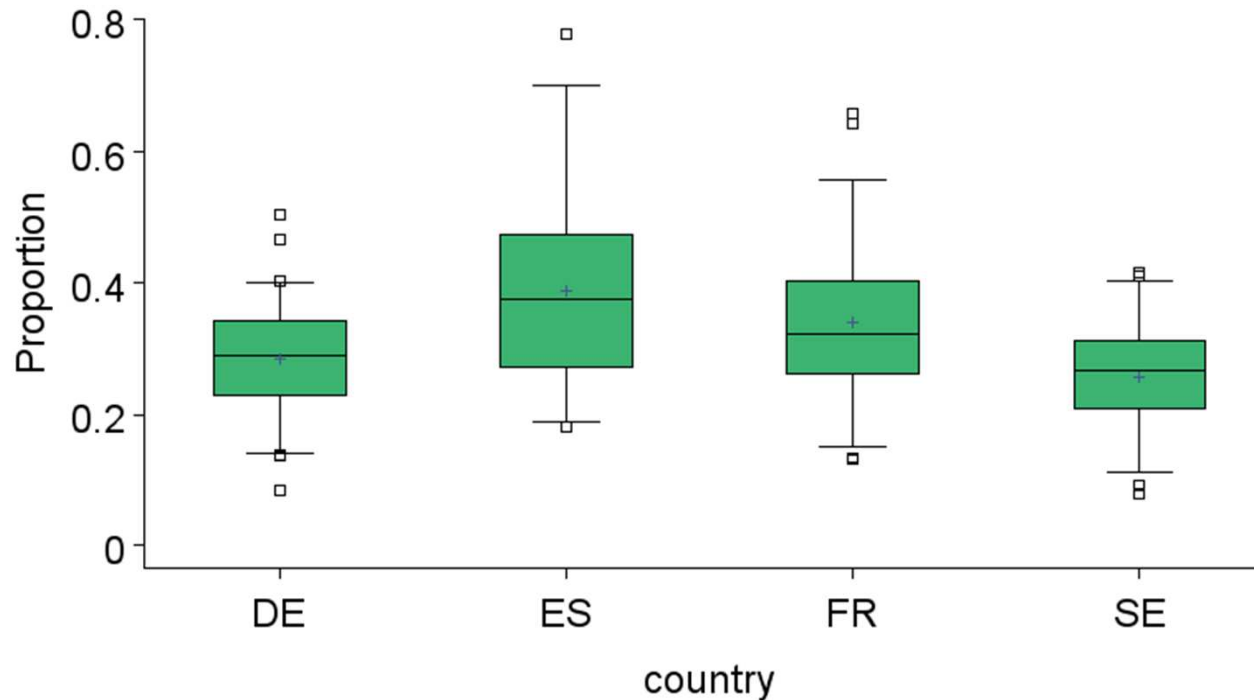


# Data

- ~200 dairy herds in DE, ES, FR, SE
- Herd visits
- Milk recording (DHIA)

# Udder disorders

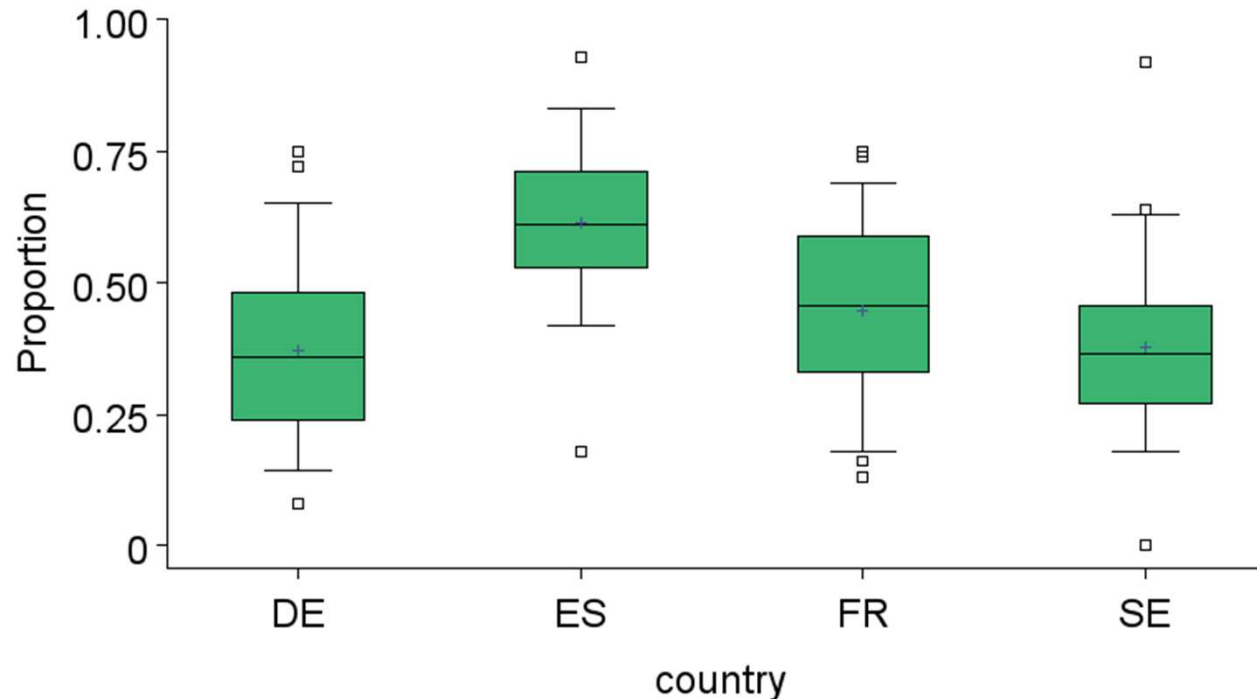
- Prevalence of high somatic cell counts



Q3	0.342	0.473	0.404	0.312
Q2	0.2905	0.375	0.322	0.2665
Q1	0.23	0.273	0.263	0.2085
N	60	23	54	56

# Reproductive disorders

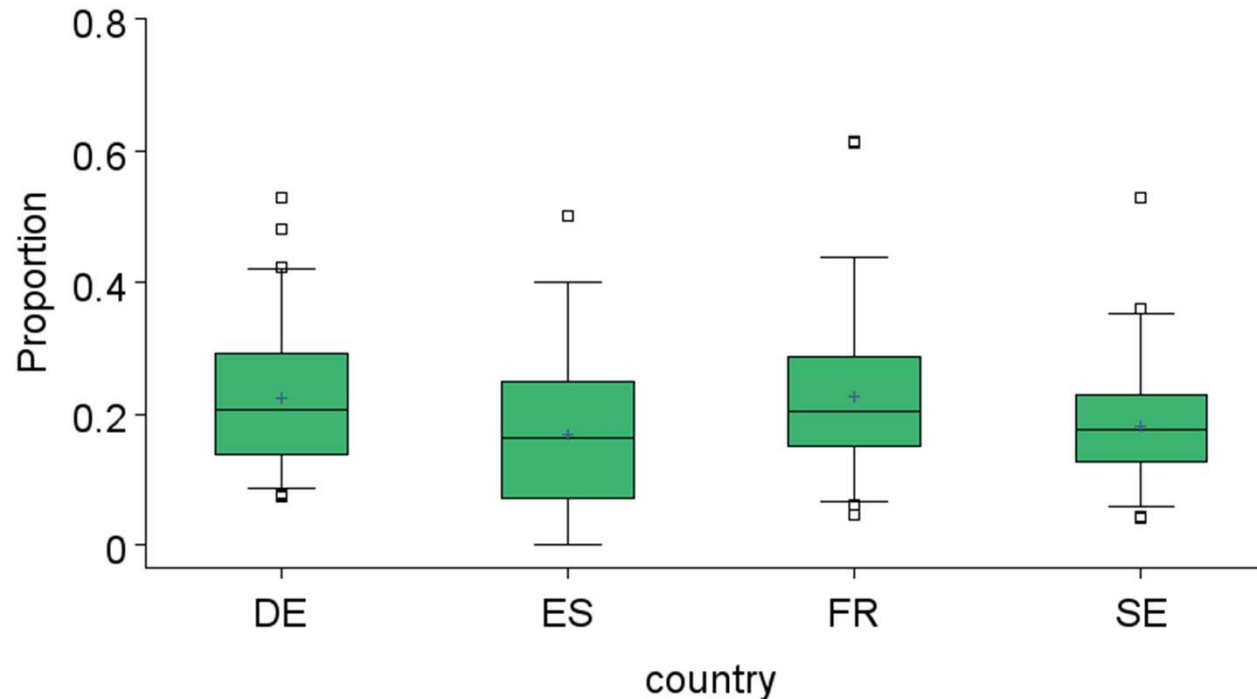
- Proportion of calving intervals  $>400d$



Q3	0.48	0.71	0.59	0.455
Q2	0.36	0.61	0.455	0.365
Q1	0.24	0.53	0.33	0.27
N	60	23	54	56

# Metabolic disorders

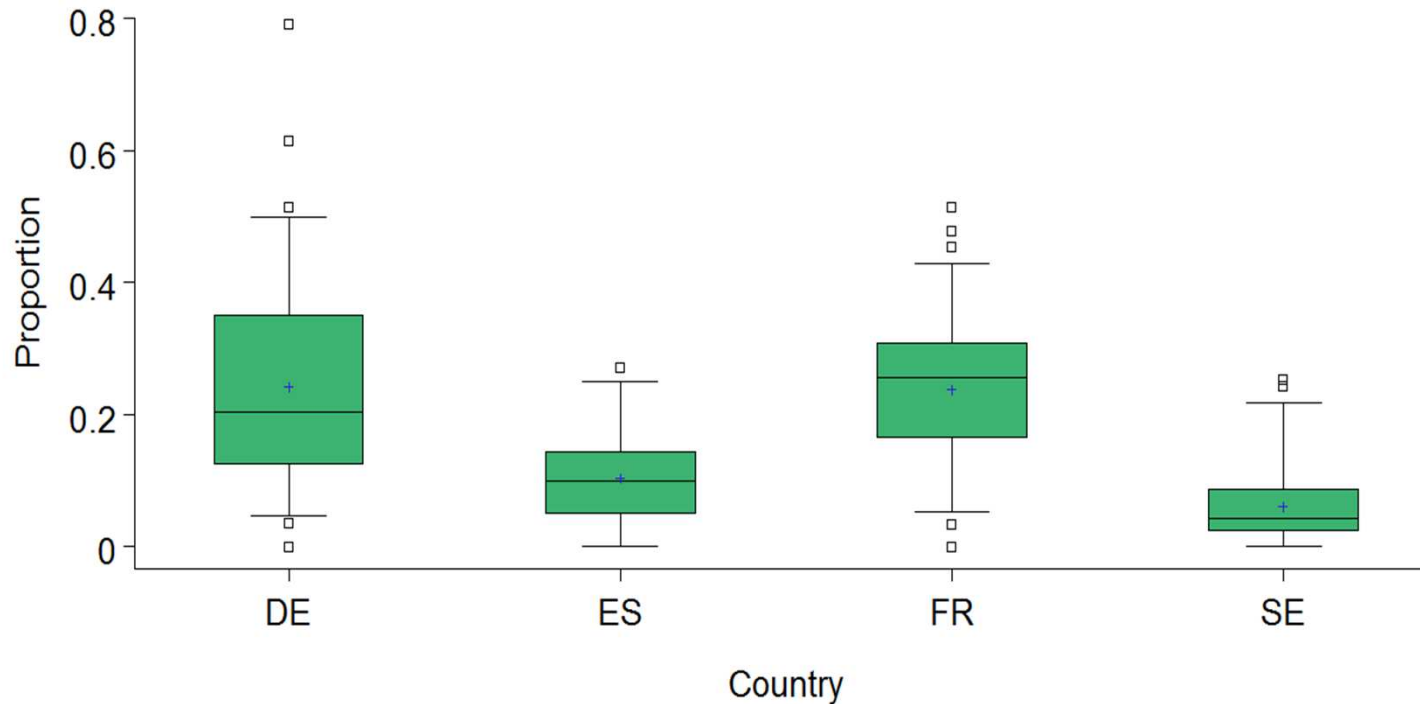
- Prevalence of "ketosis" risk



Q3	0.291	0.25	0.286	0.23
Q2	0.2055	0.163	0.203	0.176
Q1	0.1395	0.07	0.151	0.1245
N	60	23	54	56

# Locomotor disorders

- Prevalence of cows with any lameness



Q3	0.349593	0.144737	0.307692	0.084746
Q2	0.20439	0.1	0.25641	0.041667
Q1	0.126603	0.05	0.166667	0.023256
N	60	28	73	57

# Take home messages

- Data availability and comparability:
  - Benchmarking possible.
  - A major achievement of IMPRO! But...
- Between versus within country variation:
  - Large between countries, but larger within.
- What about conventional dairy farms:
  - Probably similar.
- External validity:
  - Small sample, but if anything maybe a positive selection.

