

How should we raise pigs in the future from a porcine welfare standpoint?

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CPH Pig Seminar; January 28th, 2025



What is animal welfare

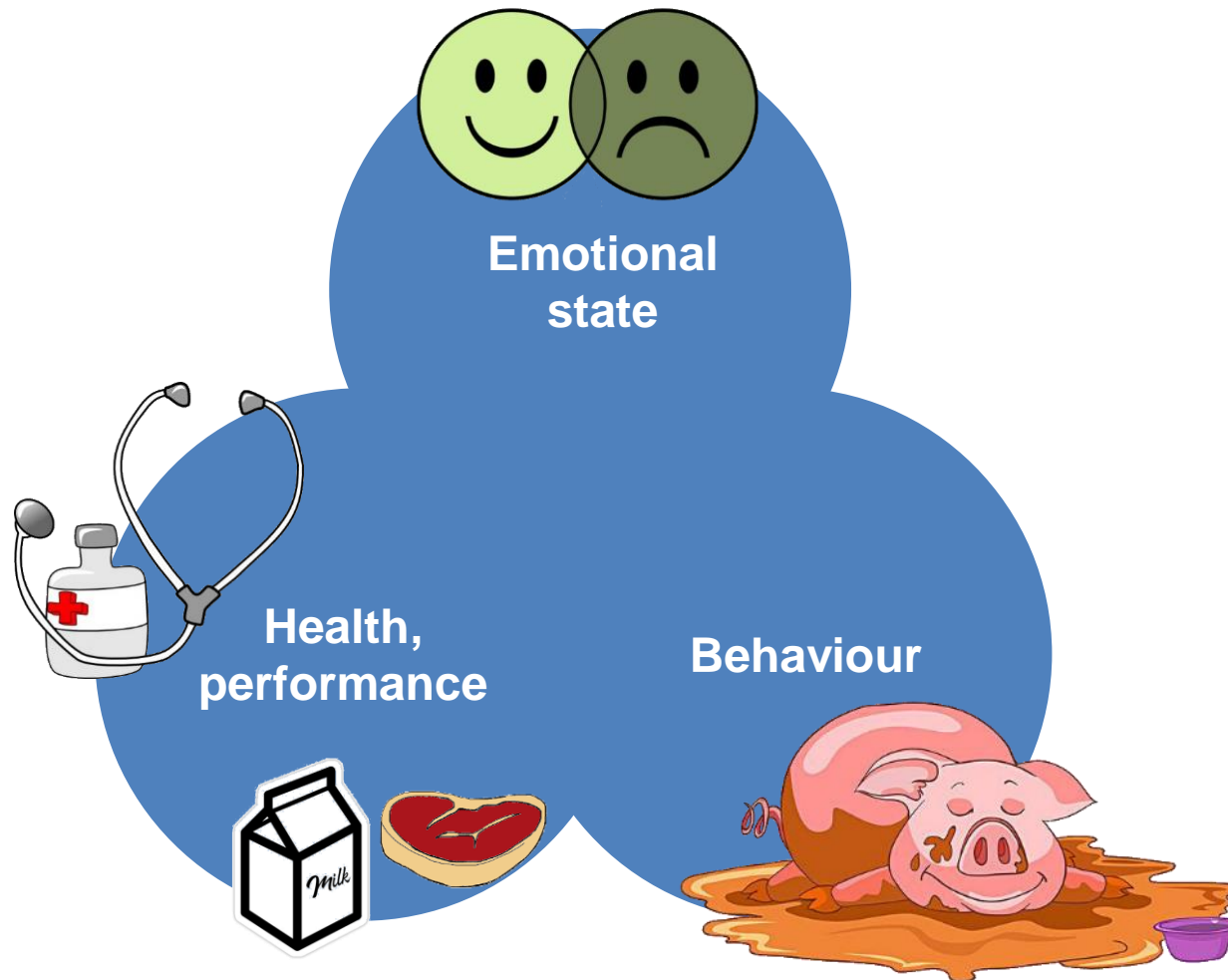
- Mentimeter
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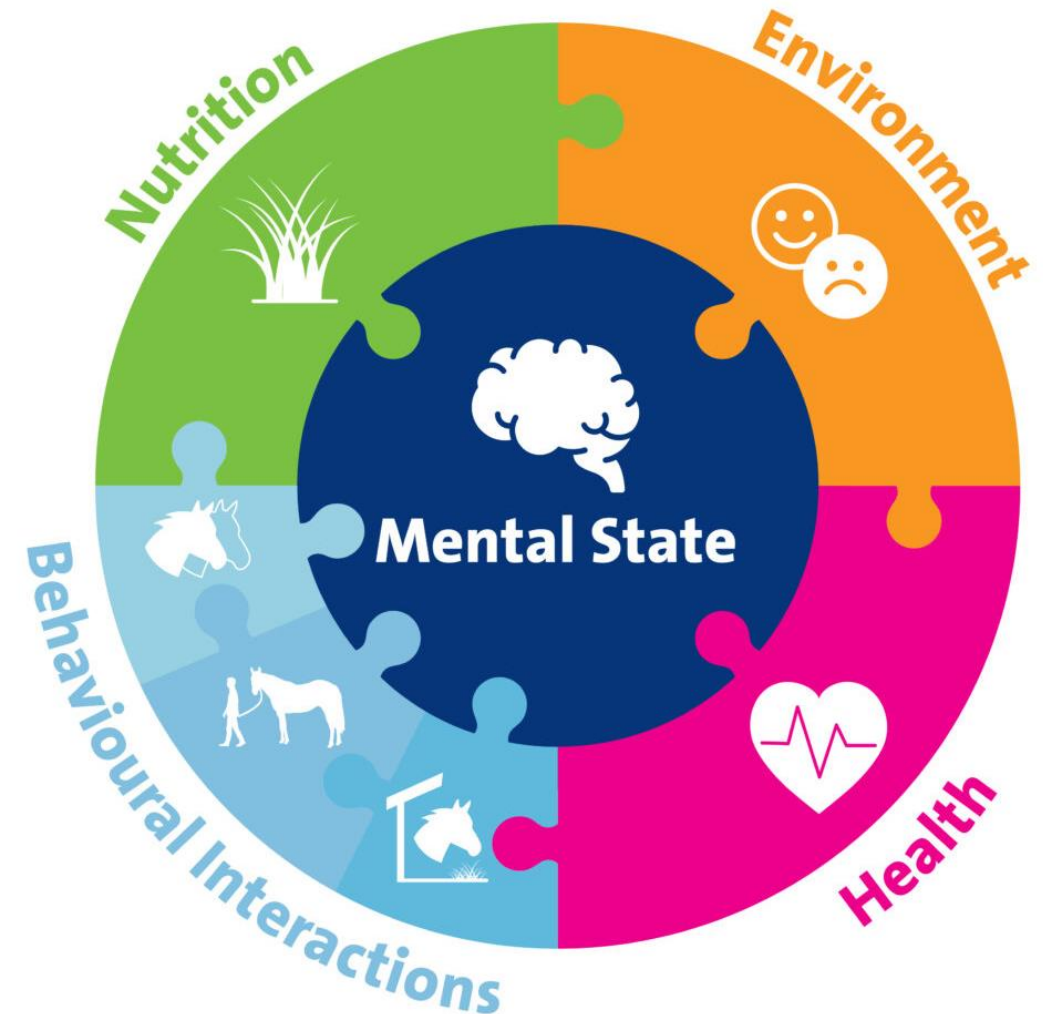
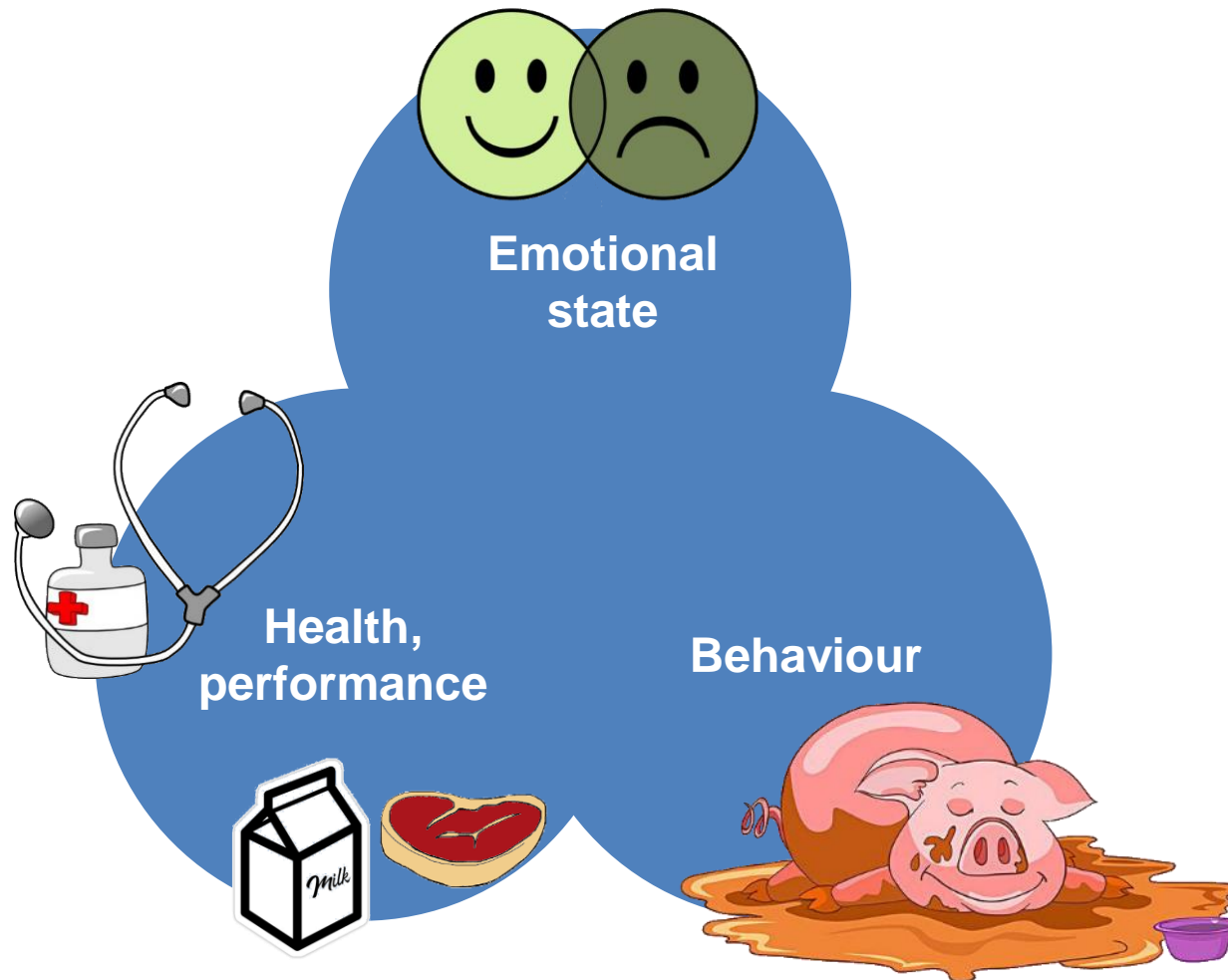
What is animal welfare



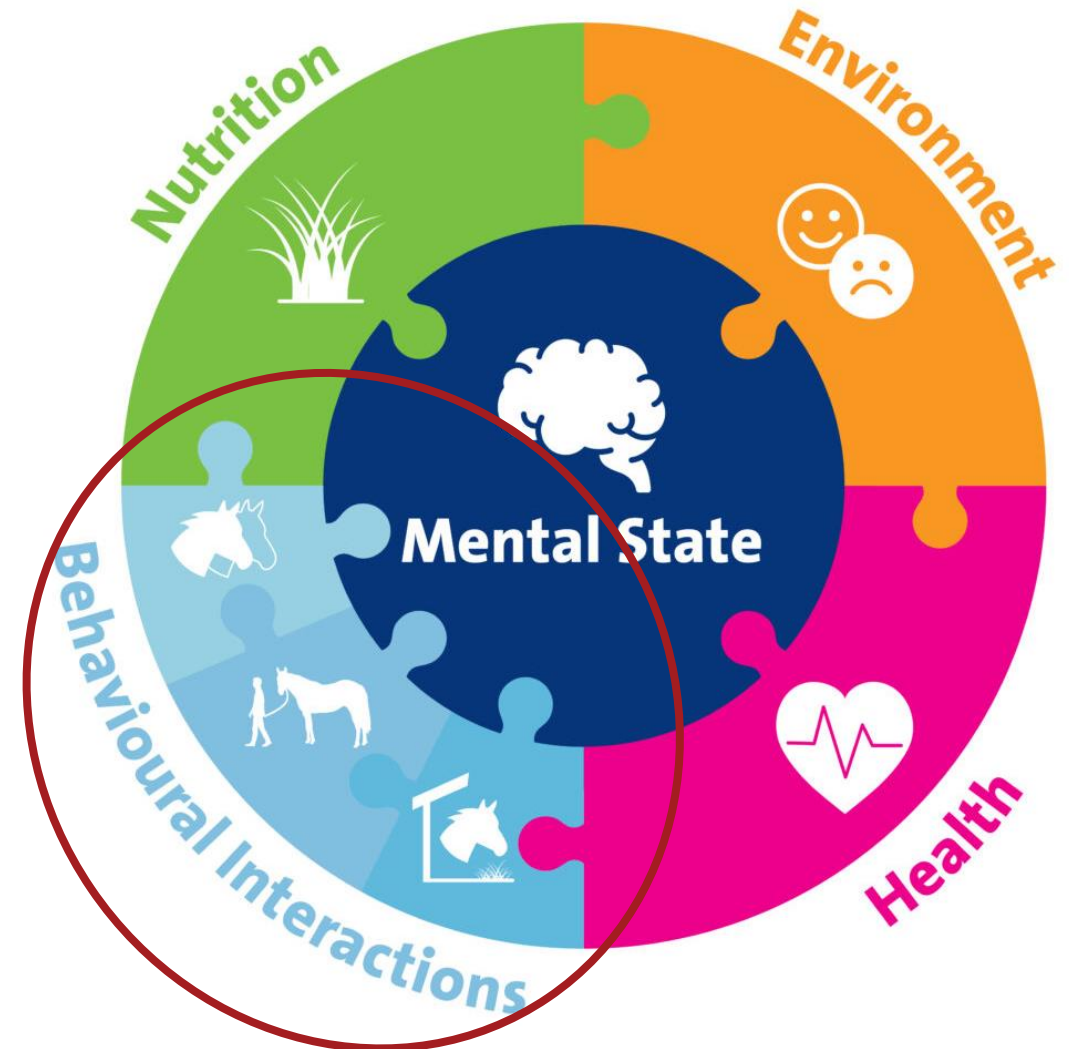
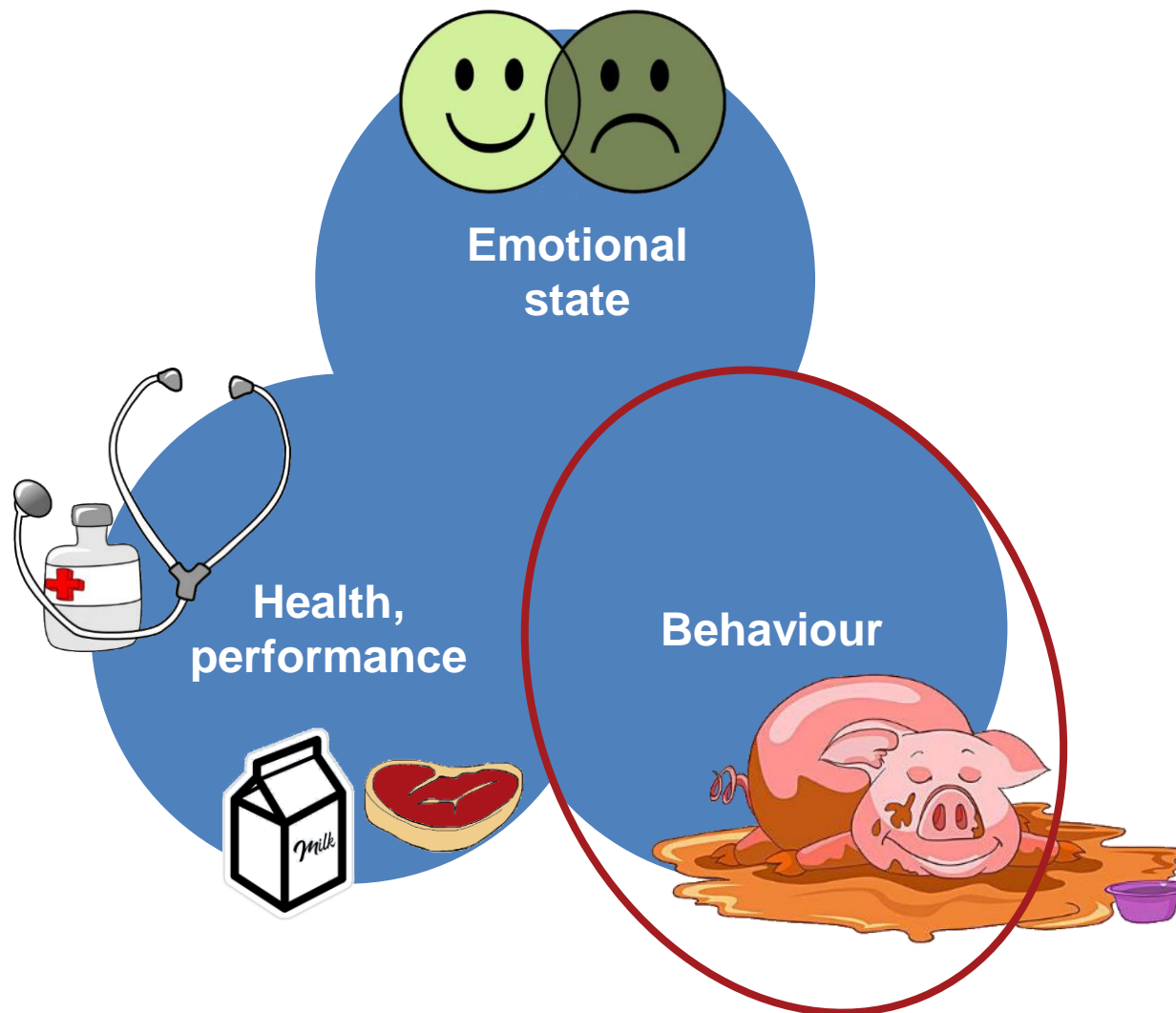
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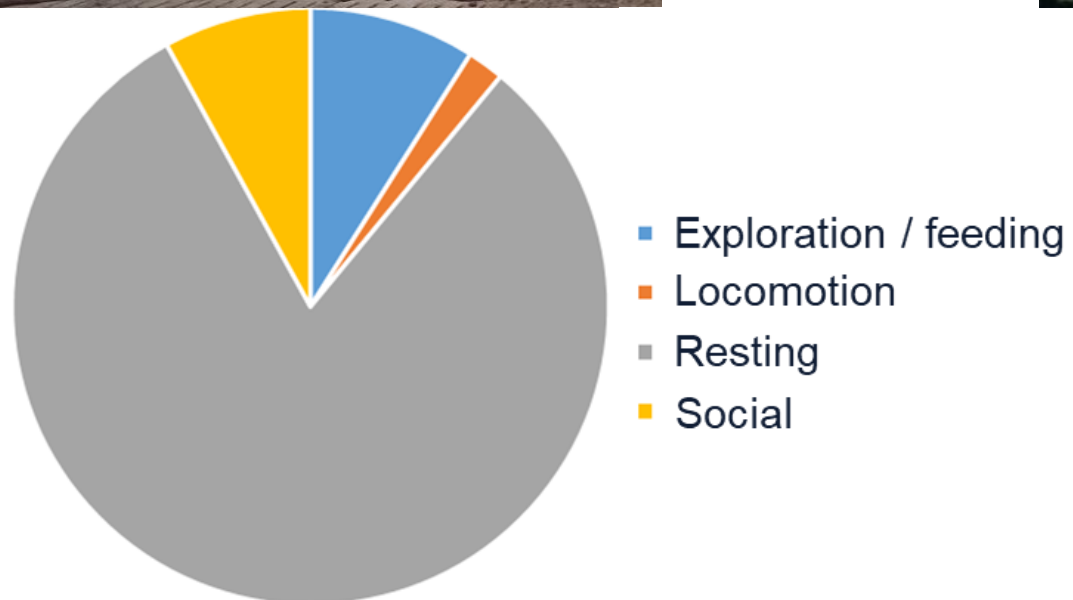


Why behaviour matters

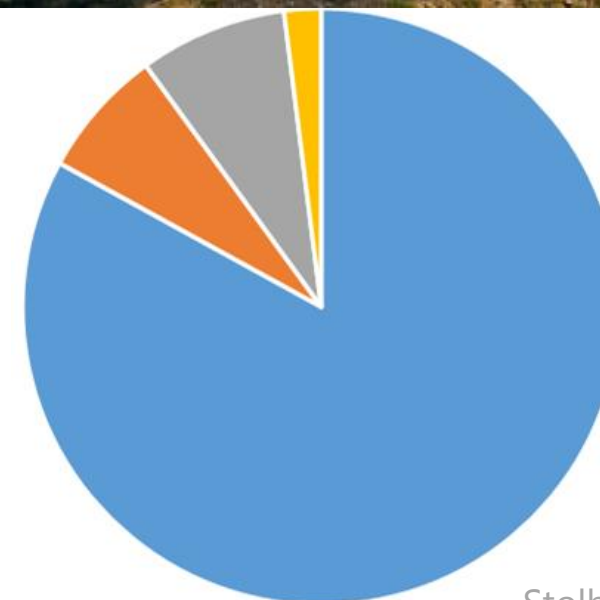


Why behaviour matters

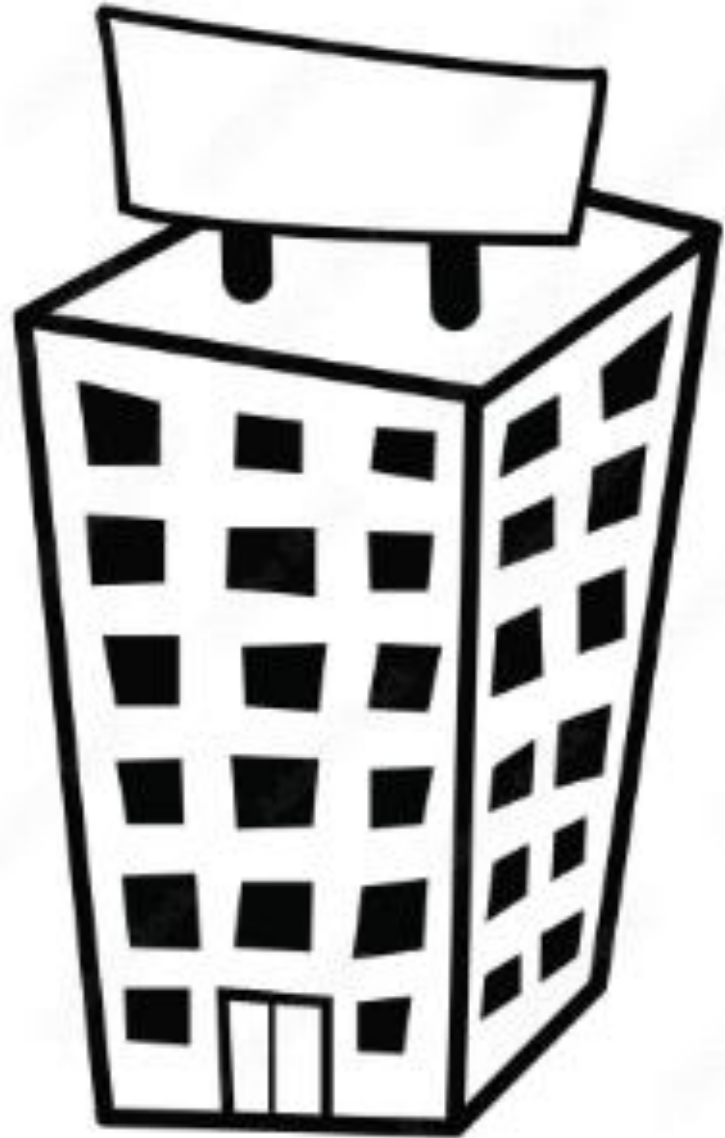
Conventional husbandry



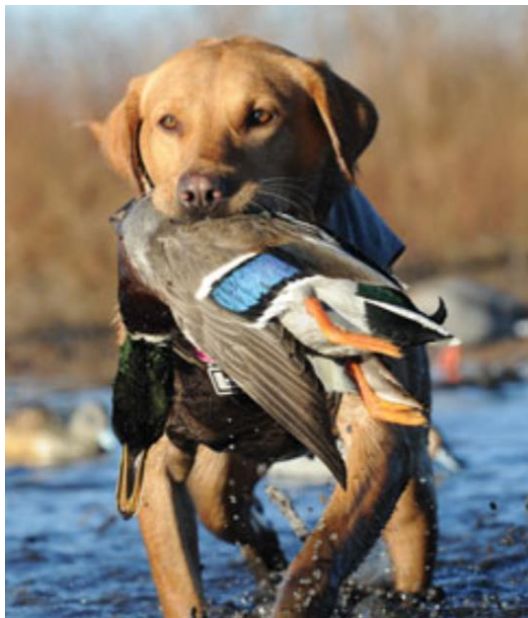
Seminatural environment



Do we need to move all pigs outdoors

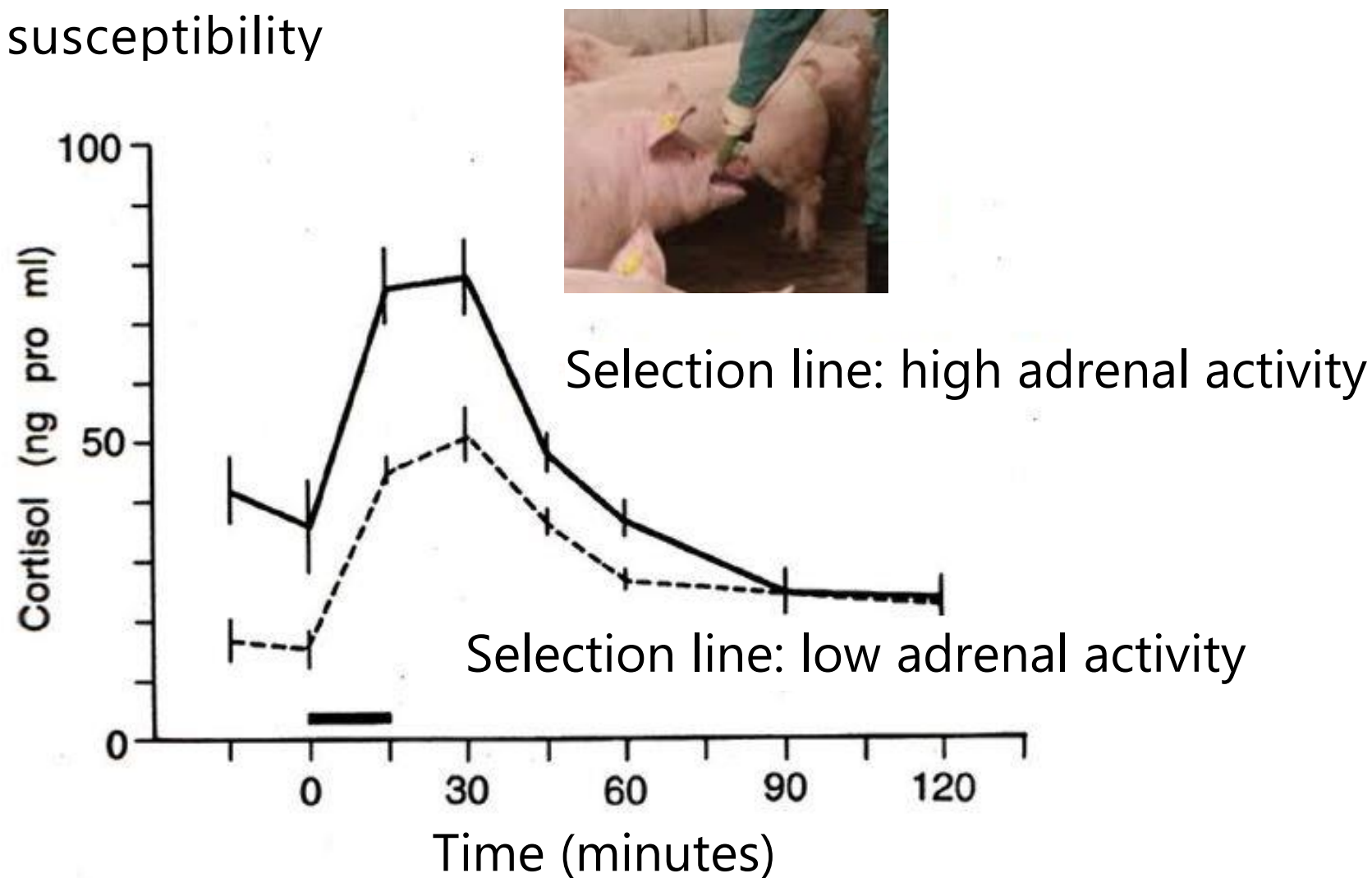


Can a pig strive in conventional husbandry



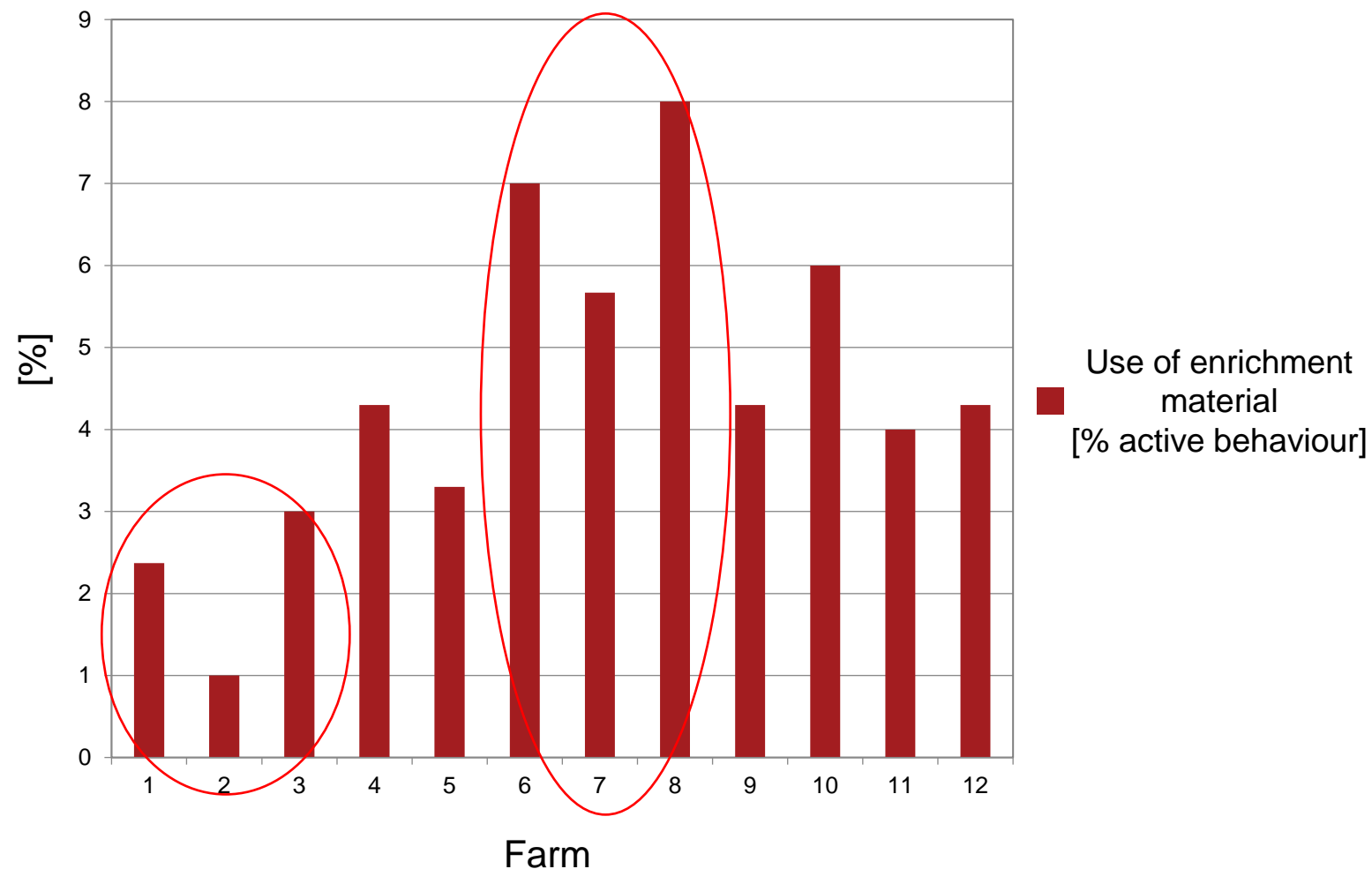
Breeding for adaptability

- Stress susceptibility

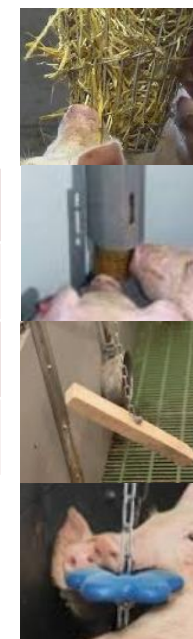


Management with regard to (behavioural) needs

Use of enrichment material in 12 pig farms

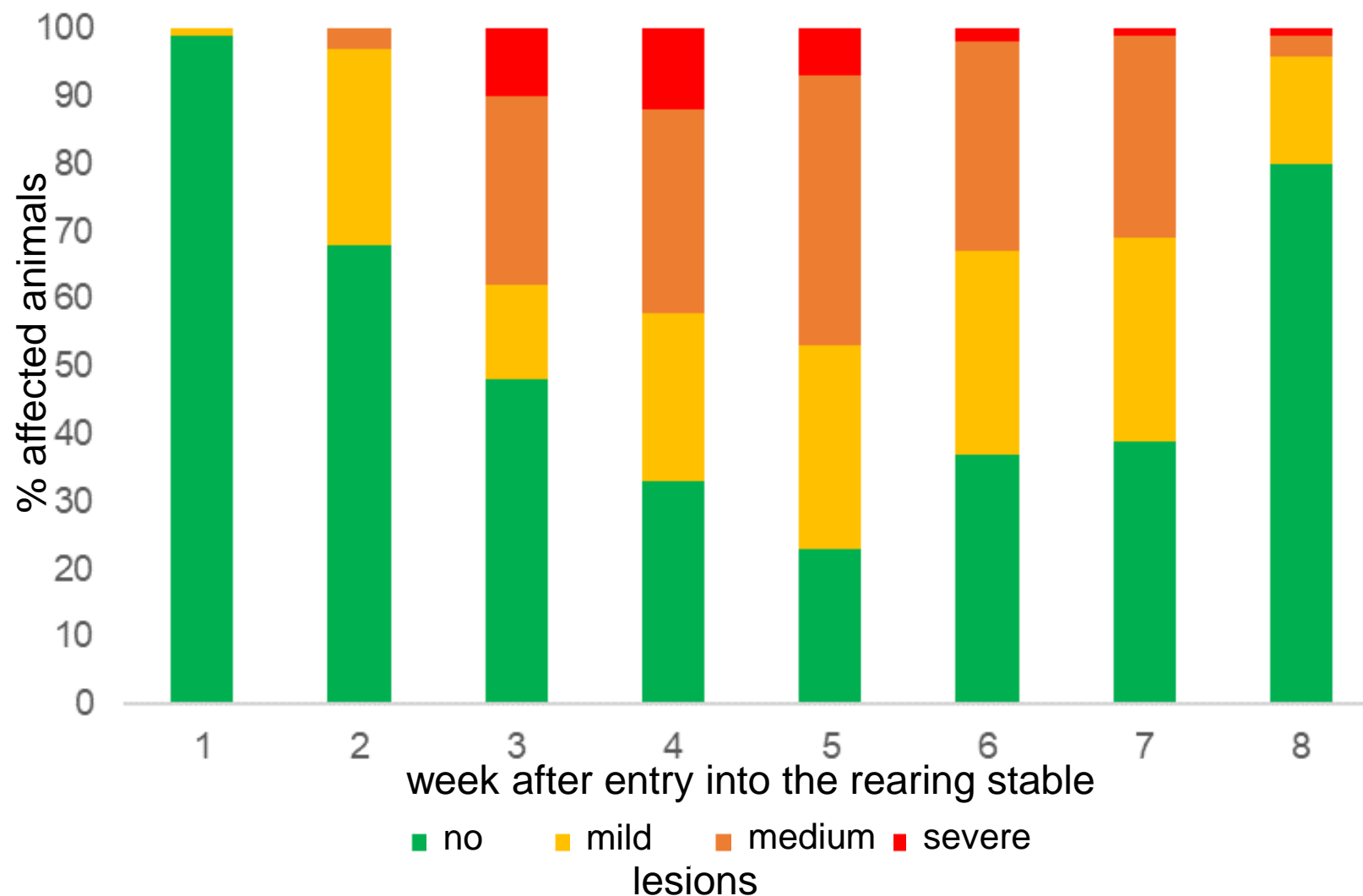


Straw automat	45%
Mic Toy	27%
Wood	23%
Others	5%



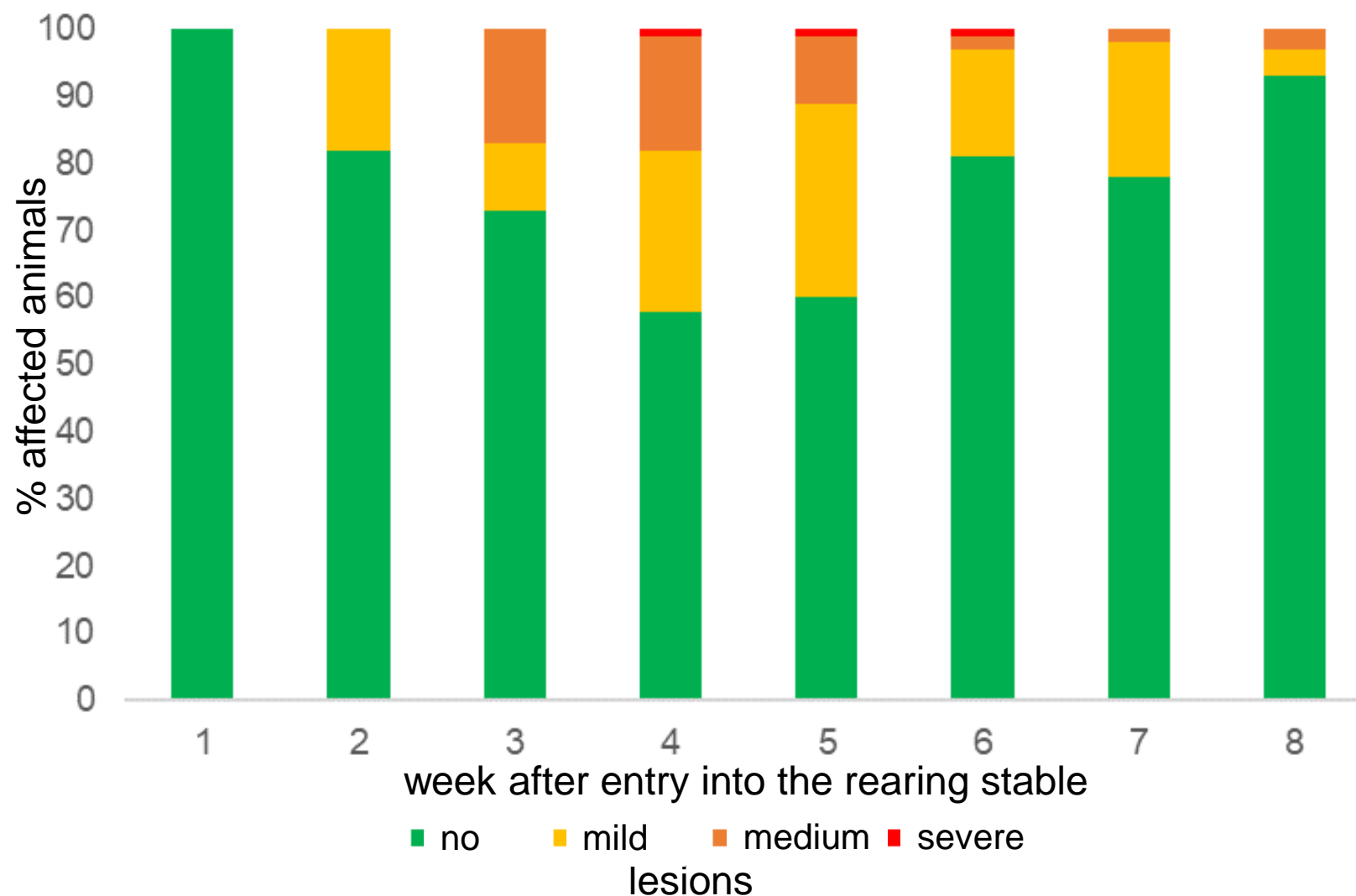
Management with regard to (behavioural) needs

Tail biting during rearing period: **without** straw



Management with regard to (behavioural) needs

Tail biting during rearing period: **with** straw



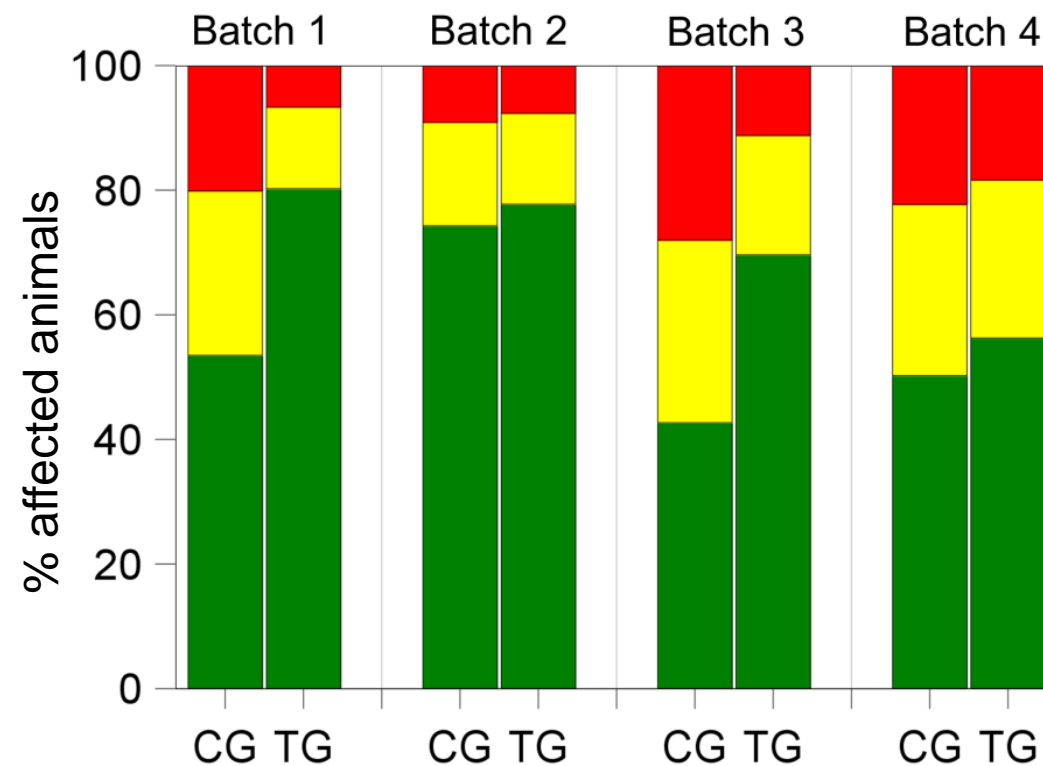
Management with regard to (behavioural) needs

Effects of an intensified human-animal interaction



**Trial group
(TG)**

Tail biting during rearing period



Take home message

There are different ways to raise pigs in the future from an animal welfare standpoint

Consider all aspects of animal welfare

Consider behavioural needs of the pigs

Think from a pig perspective

Small changes can make a big difference

Never stop improving



THANK YOU FOR YOUR ATTENTION!

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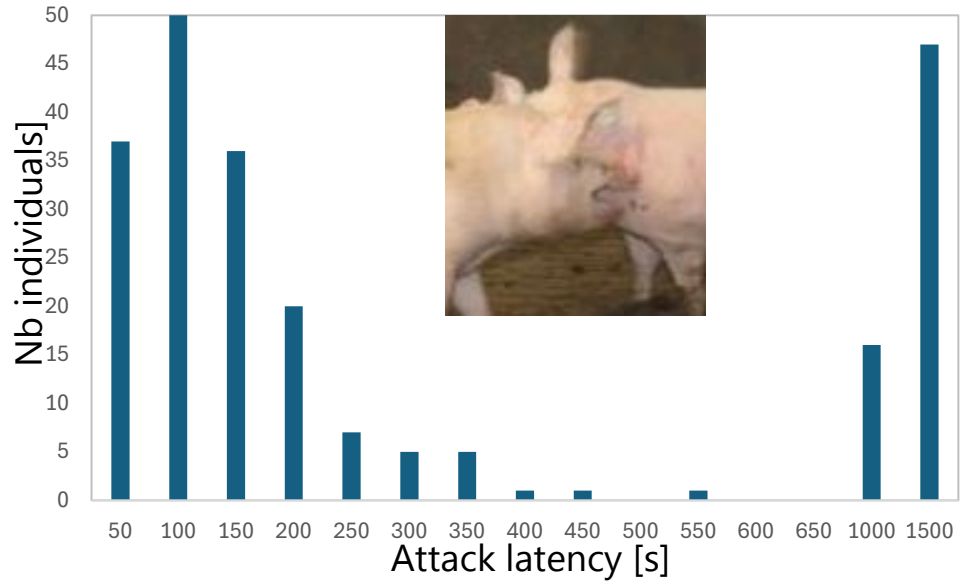
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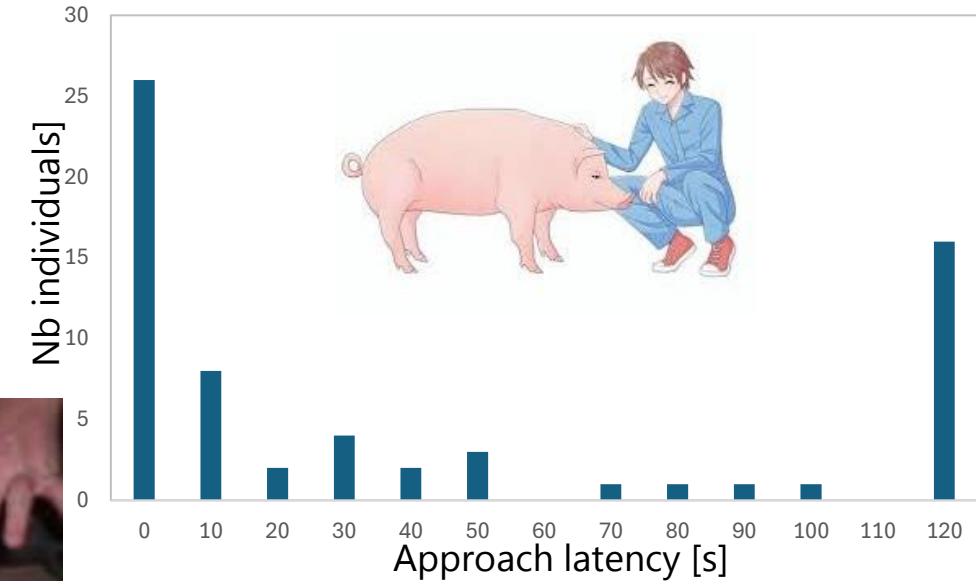
Questions? ic@sund.ku.dk



Genetic influences on behaviour: coping styles



Separation into coping styles by behavioural tests



	Proactive copers	Reactive copers
Attack latency	Short	Long
Exploration	Fast	Slow
Distractability	Low	High
Hormone	Adrenaline	Corticosterone
Blood pressure	High	Low



So it is possible: implementation of behaviour



So it is possible: implementation of behaviour



So it is possible: implementation of behaviour

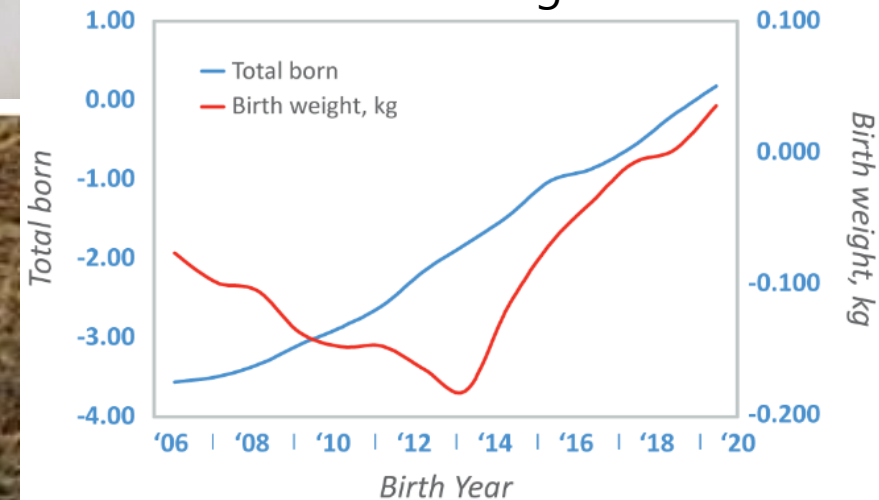


So it is possible: implementation of behaviour



Example on how to handle unfavourable correlations:

Breeding for
Nb of born piglets
and life weight

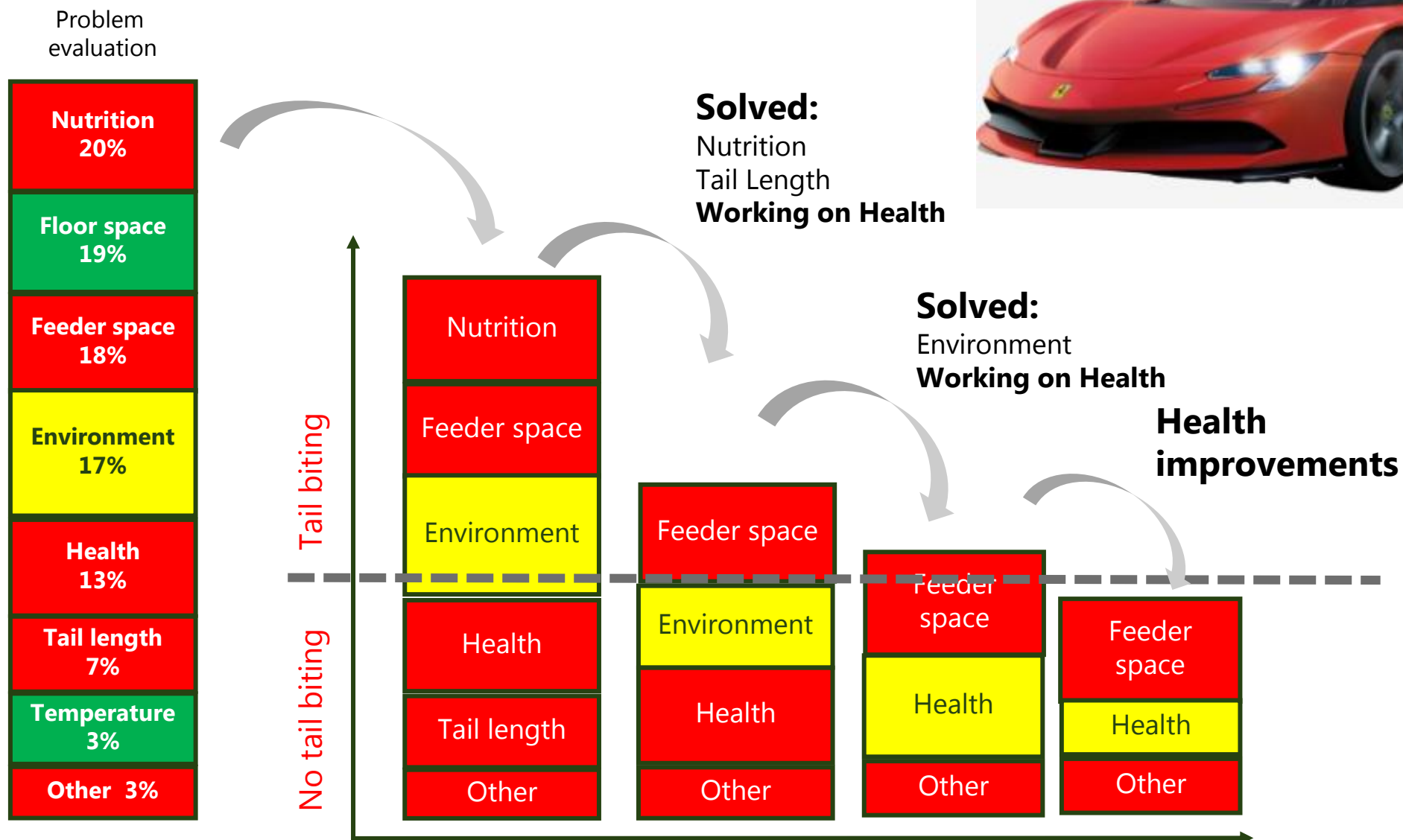




Optimal management



Optimal management





Meat inspection data and animal welfare



Better animal welfare is at the heart

At Danish Crown, we give high priority to animal welfare and ensure good animal welfare from farm to abattoir. [...]



Study design: farms



Farm A

Organic

50 sows

Slaughterhouse A



Farm B

Conventional

1400 sows

Slaughterhouse B



Farm C

Conventional

60 sows

Slaughterhouse B

Definition of EU COST Action

- Shift in focus, from negative to positive
- Positive animal welfare focusses on providing animals with experiences that elicit positive emotions
- For example, providing animals with opportunities for play, positive social interactions, and agency

Positive Animal Welfare

This site provides a resource for understanding positive animal welfare (PAW), how it can be assessed and improved and links to a selection of PAW research projects.

