

INFLUENCE OF PERTURBATIONS ON FEED INTAKE RESPONSE OF GROWING PIGS

From automatic detection to characterization

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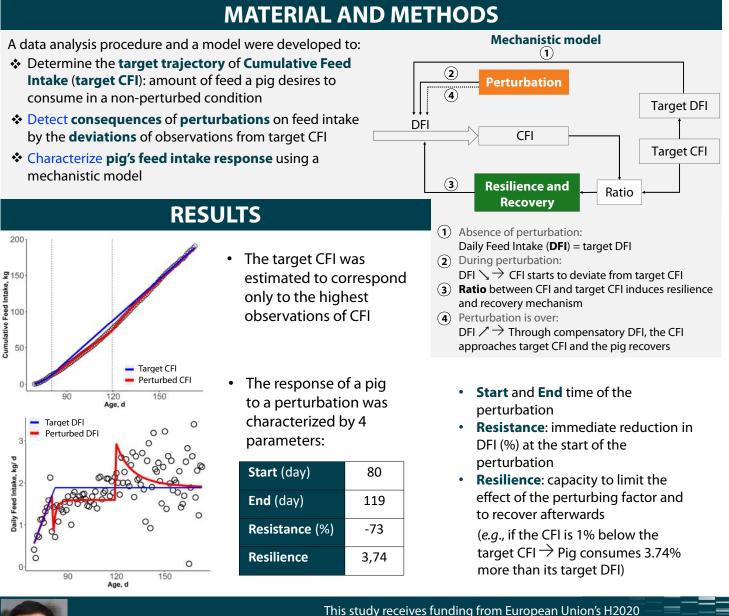
Breeding for robustness in livestock is crucial

OBJECTIVES:

- (1) Detect perturbing impacts on feed intake of pigs
- (2) Characterize pig's responses to perturbations
 - Resistance –
 - Resilience
 As elements of robustness

CONCLUSION

- This study provides a new method to detect perturbations and quantify resistance and resilience of livestock
- The only required input is daily feed intake
- ◆ The method can be used to compare the individual response of animals affected by a common perturbation in group-housed settings → Genetic Selection





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