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Genetic parameters and selection strategies for female fertility and litter quality traits in organic weaner production systems with closed breeding systems

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Highlight:

- One highlight of this study is that we had access for novel litter quality recording in organic pig production systems.
- We think that our data source is characterized by high data quantity and quality as well (with regard to organic production systems).
- We considered an approach including data recording based on own developed recording systems, we estimated genetic parameters based on the novel organic traits, and genetic parameters were used to evaluate a variety of breeding strategies.
- We think that our work has high value for organic pig breeding, and there is also practical relevance from our study when aiming on the improvement on within-herd selection strategies.

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