Supplemental Material (Journal: *Animal*)

Title: *Using quantile regression methodology to evaluate changes in the shape of growth curves in pigs selected for increased feed efficiency based on residual feed intake*

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Supplementary Table S1 *Genetic parameters1 (standard error) for growth curve parameters, feed efficiency and component traits in pigs, estimated by* *the model including the fixed effect of quantile regression group (QRG)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Traits2 | a | b | c | adfi | adg | rfi |
| a | 0.17 (0.07) | 0.96 (0.00) | 0.91 (0.07) | 0.16 (0.04) | 0.30 (0.04) | -0.04 (0.04) |
| b | 0.99 (0.02) | 0.08 (0.06) | 0.96 (0.00) | 0.07 (0.03) | 0.18 (0.04) | -0.07 (0.04) |
| c | 0.88 (0.07) | 0.83 (0.12) | 0.11 (0.06) | 0.00 (0.04) | 0.01 (0.04) | -0.07 (0.04) |
| adfi | 0.30 (0.22) | 0.23 (0.30) | -0.05 (0.27) | 0.48 (0.09) | 0.49 (0.03) | - |
| adg | 0.42 (0.22) | 0.41 (0.30) | -0.06 (0.30) | 0.69 (0.12) | 0.29 (0.08) | -0.10 (0.06) |
| rfi | 0.17 (0.26) | 0.14 (0.34) | -0.07 (0.30) | - | 0.26 (0.23) | 0.35 (0.09) |

1Heritability, and genetic and phenotypic correlations presented on the diagonal, lower off-diagonal, and upper off-diagonal, respectively.

2a = asymptotic weight (mature body weight); b = inflection point; c = decay parameter; ADFI = average daily feed intake; ADG = average daily gain; RFI = residual feed intake.