

- 317 **Supplementary table 1.** Analysis of variance of fixed effects on measured traits of pig carcasses
318 **Supplementary table 2.** Correlation between the two measured trait (backfat thickness and carcass weight) and the
319 46 estimated traits of pig carcasses in all abattoirs
320 **Supplementary table 3.** Stepwise regression analysis of the estimated traits versus measured backfat thickness
321 **Supplementary table 4.** Stepwise regression analysis of the estimated traits versus measured carcass weight

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