

THE EFFECT OF BIRTH-WEIGHT SEGREGATION DURING THE

GROWING PERIOD ON SWINE PRODUCTIVE FEATURES

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CONCLUSIONS

The lack of homogeneity in growth patterns and meat

quality is a main problem in the profitability of modern pork industry,

specially in Iberian pigs.

BACKGROUND

Sex and the Birth-Weight (BW) variability are principal causes.

Performance was greater in Segregated

pigs than in Non-Segregated pigs

Males showed better growth patterns

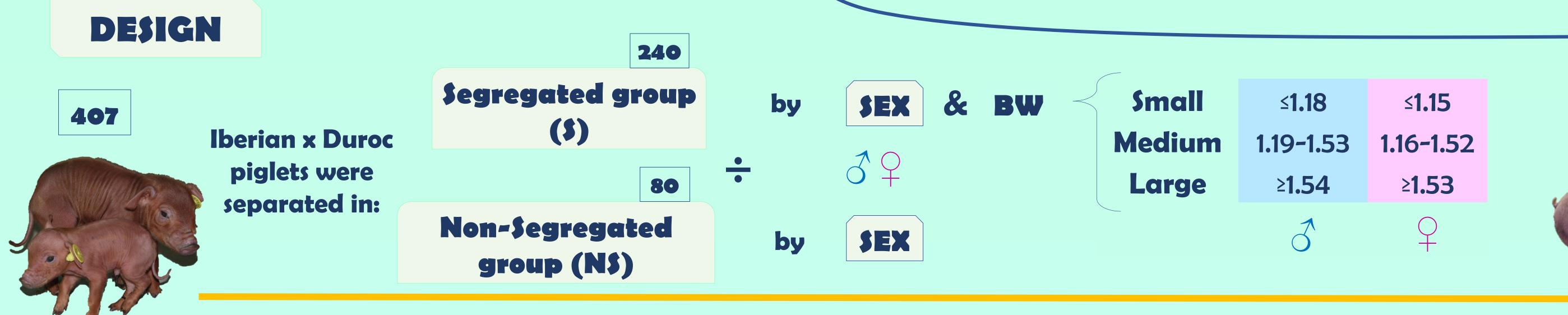
than females

OBJECTIVE

The aim was to evaluate if the negative effect of BW variability may be alleviated by segregating pigs in the growing period according to BW.

Studies at slaughterhouse are required to clarify

possible effects of segregation by BW on meat quality





Growing

Weight & Average Daily Gain (each 5 w) **Backfat and loin thickness (15 & 30 w)**

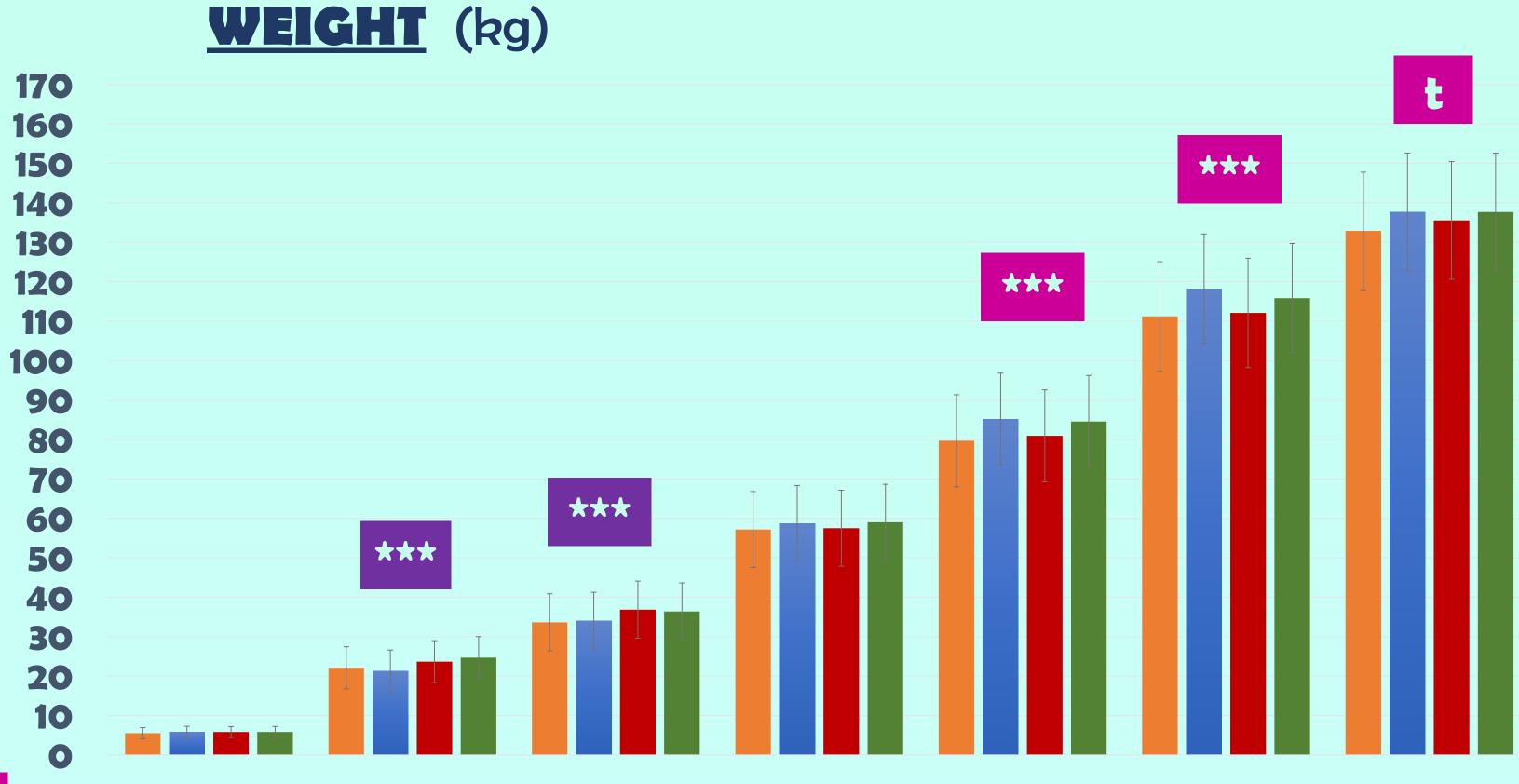
GLM procedure. S/NS, SEX and interaction SSAS

35 W

RESULTS Interaction **\$/N\$** SEX **t**, 0.9<*P*>0.05; *****, *P*<0.05; Significant differences **, P<0.01; ***, P<0.005; between: ****, *P*<0.0001. **N\$ Male N\$ Female Female S** Male

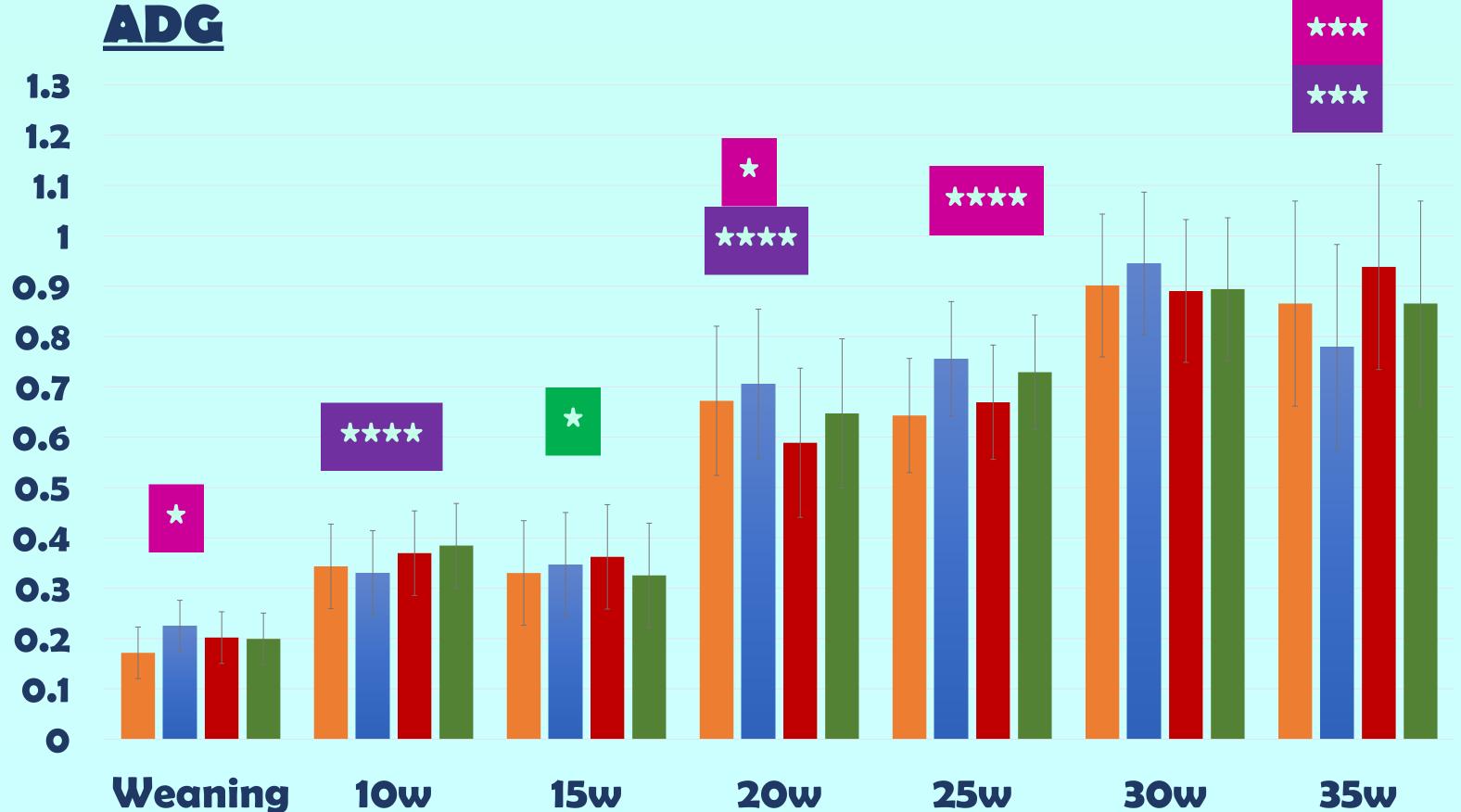
Significant differences were found in Weight, ADG and

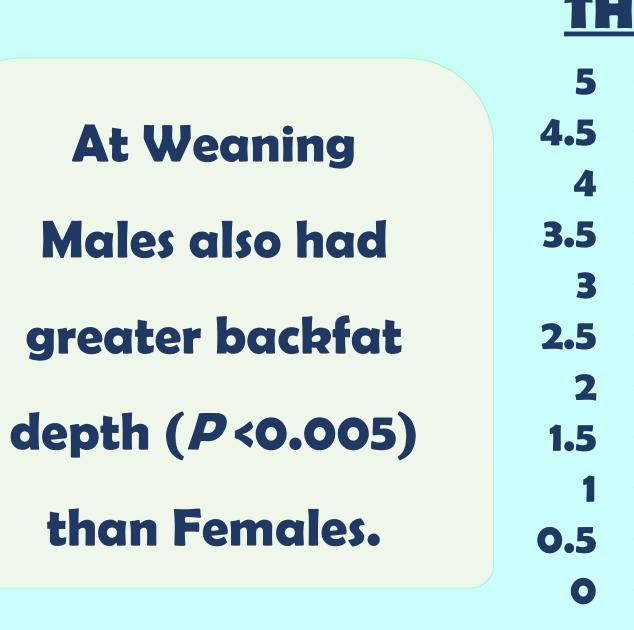
the Thickness of Ioin and backfat.



20w

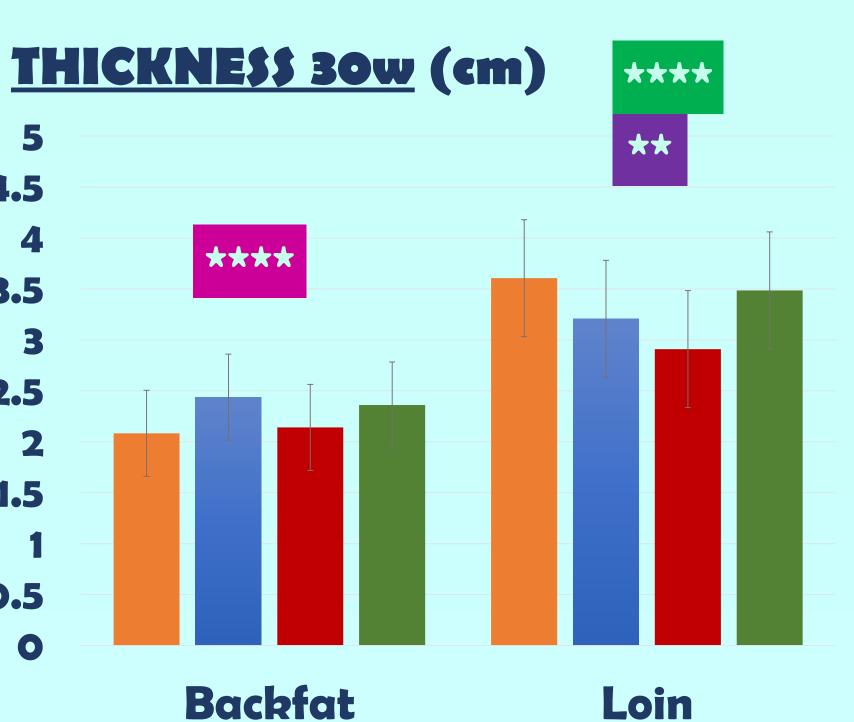
Weaning





10w

15w



25w

30w

35w

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