

# 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

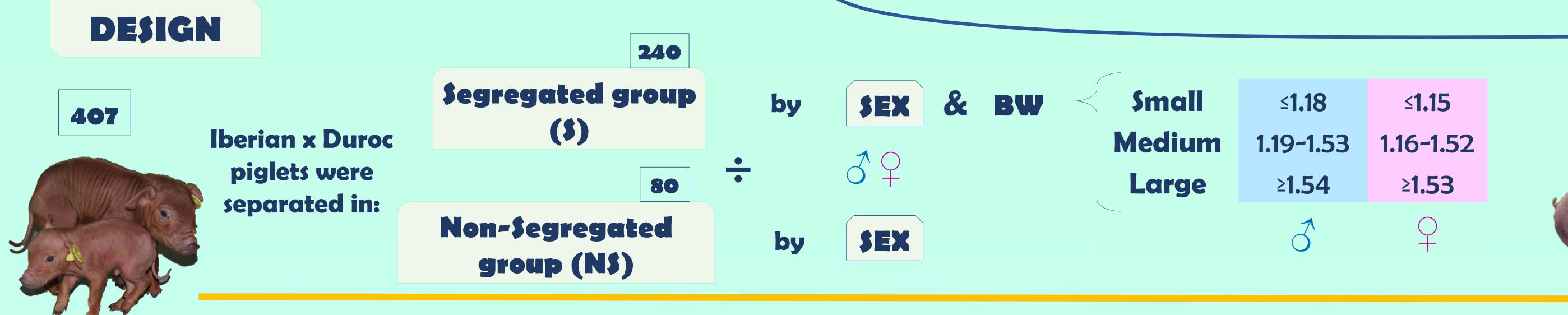
than females

#### 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)**

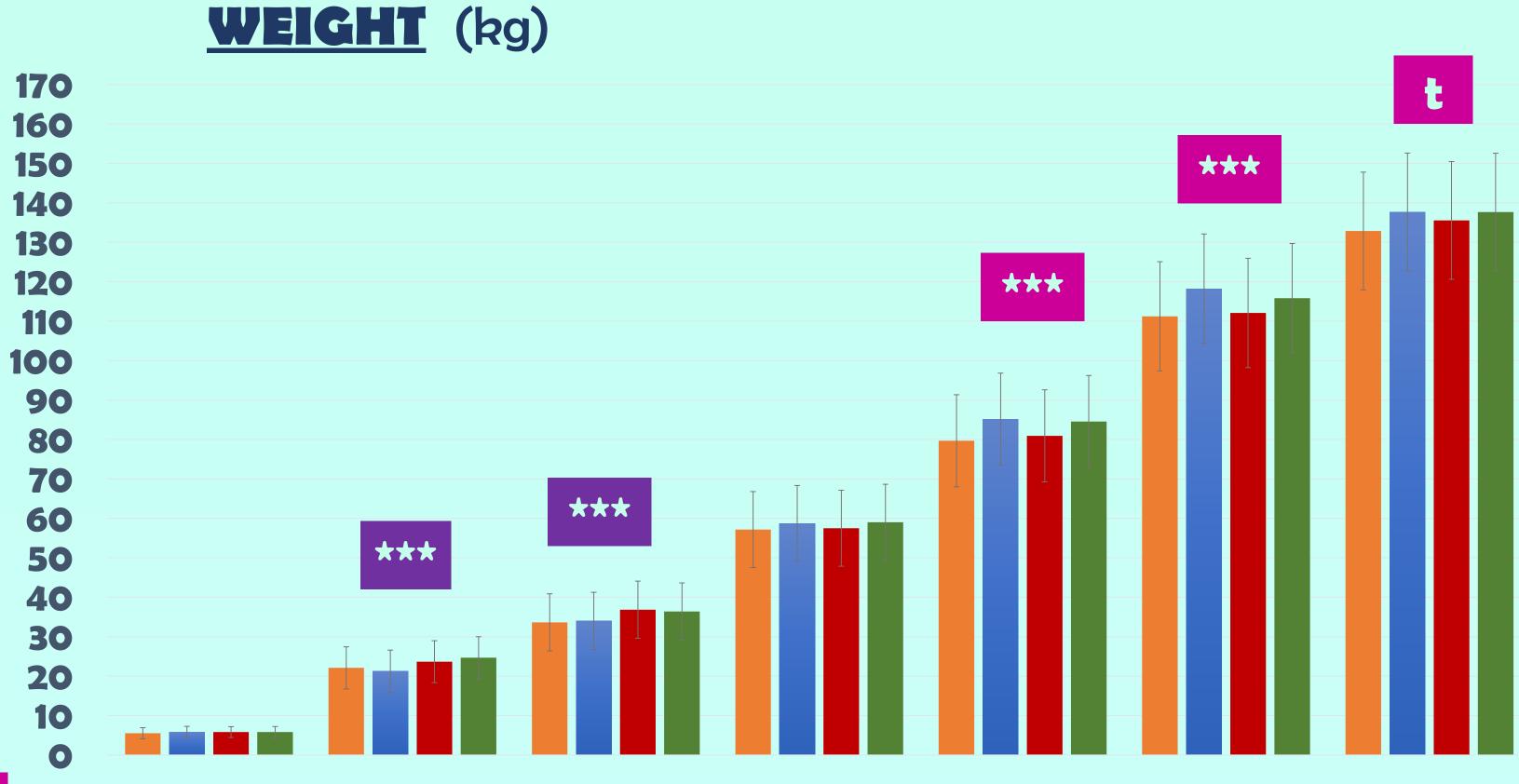
GLM procedure. S/NS, SEX and interaction SSAS

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

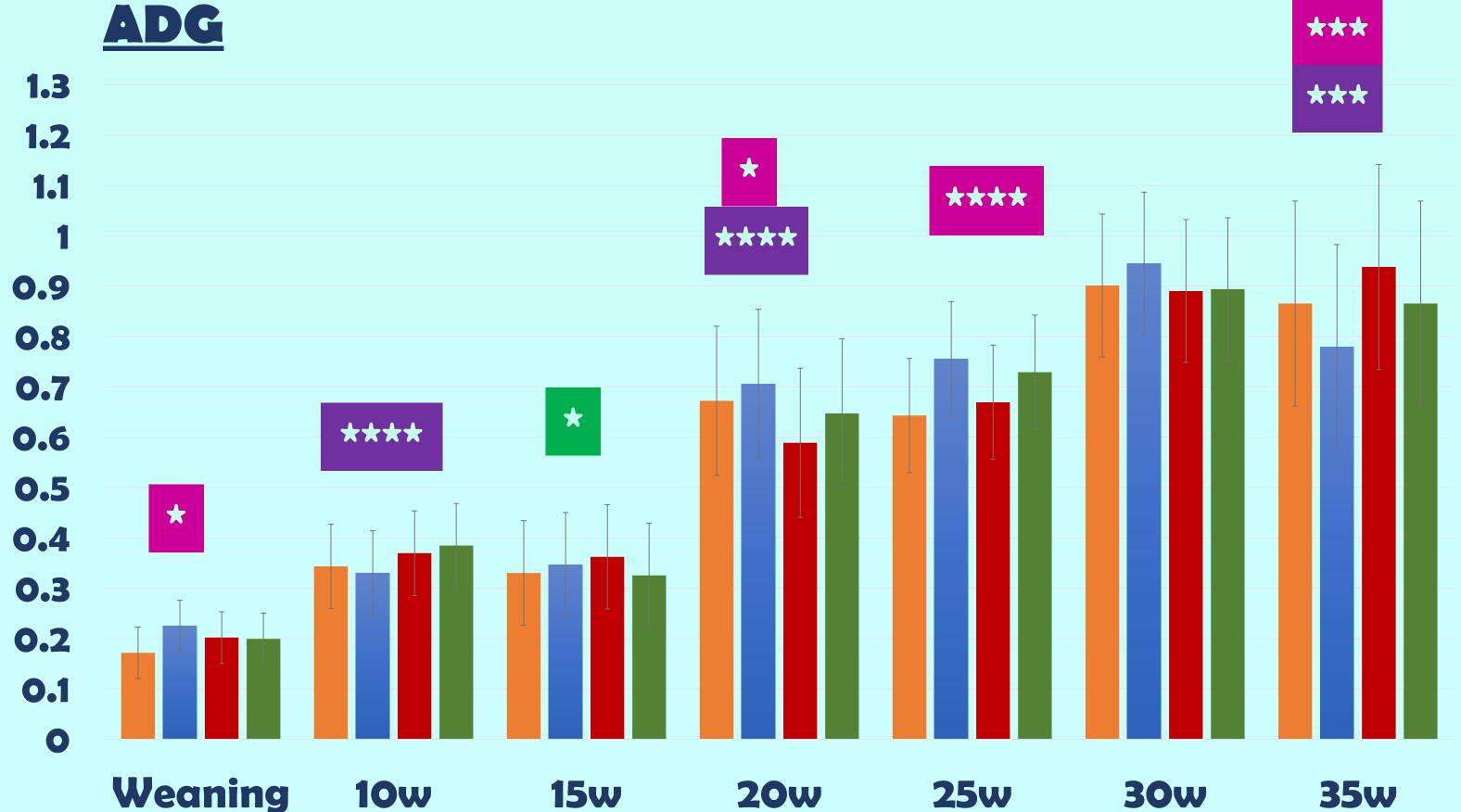
Significant differences were found in Weight, ADG and

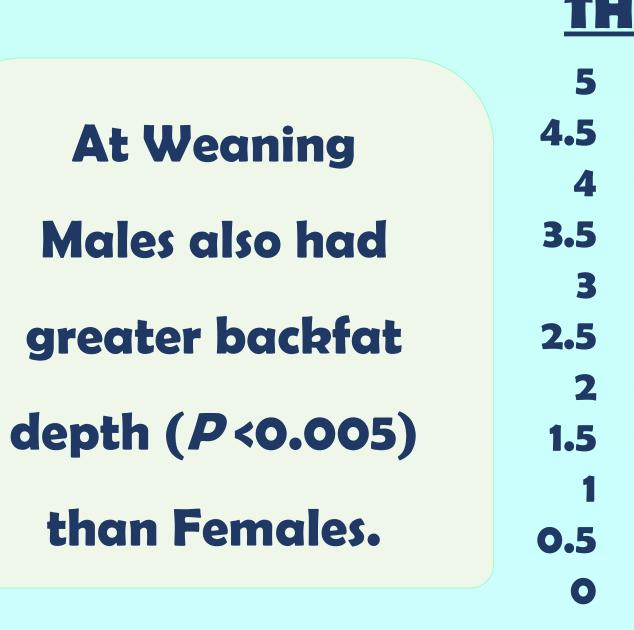
the Thickness of Ioin and backfat.



**20**w

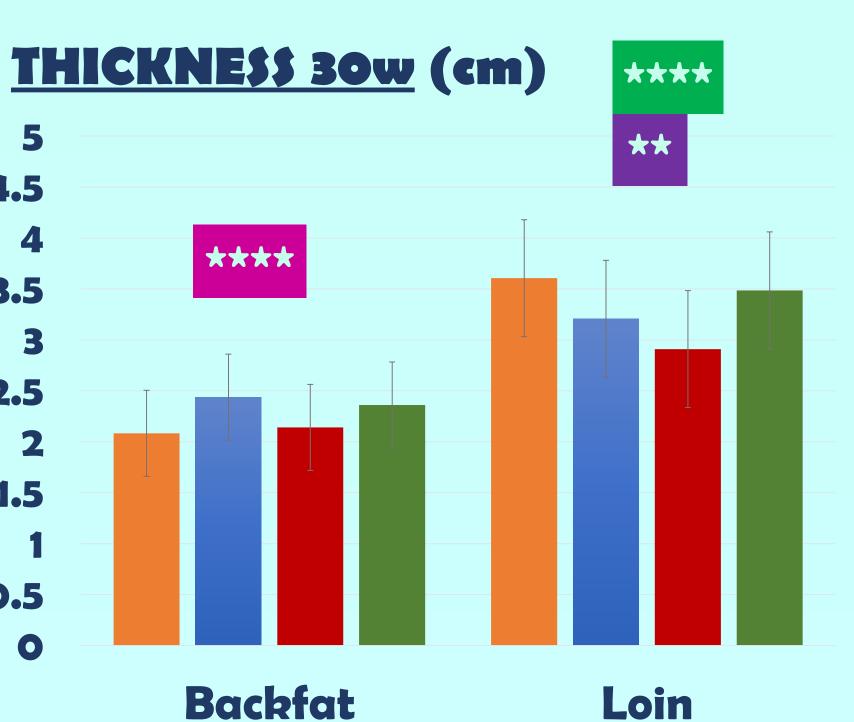
Weaning





**10**w

15w



**25w** 

**30**w

**35**w

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