



**Sensory quality evaluation of
Serrana Kids meat. Effect of sex and
carcass weight**

S. Rodrigues and A. Teixeira

*Escola Superior Agrária, Instituto Politécnico de
Bragança, Apt. 1172, 5301-855, Bragança, Portugal.*

srodrigues@ipb.pt

Introduction

- Characterization of carcasses and meat of Serrana meat kids.
- Protected Origin Designation product.
- Effects of sex and carcass weight.



Materials and methods

- Animals:
 - 29 Females
 - 31 Males
 - 4, 6 and 8 kg carcass weight
- Trained taste panel of 11 experts, in five sessions
- Samples preparation:
 - meat was previously cooked in a conventional oven until inner temperature reaches 70/80°C
 - cut in sample pieces of 2*2*0.5 cm
 - given to the panel members to be evaluated following a standard methodology
- Evaluated parameters:
 - toughness, juiciness, flavour intensity, flavour quality, odour intensity, fibre presence, sweet intensity and overall acceptability.

Materials and methods

NOME: _____ DATA: __/__/____ HORA: _____

IDENTIFICAÇÃO DA AMOSTRA: _____

INSTRUÇÕES:

- Deverá beber água no início do teste e entre a prova das amostras.
- Coloque a amostra na boca e avalie quanto aos atributos mencionados.
- Aplique aproximadamente 30 mastigações.

DUREZA

tenra |-----| dura

SUCULÊNCIA

seca |-----| suculenta

INTENSIDADE DO FLAVOUR

pouco intenso |-----| muito intenso

QUALIDADE DO FLAVOUR

má |-----| boa

ACEITABILIDADE GERAL

má |-----| boa

Atributos descritivos não treinados

INTENSIDADE DO ODORE

pouco intenso |-----| muito intenso

FIBROSIDADE

pouco fibrosa |-----| muito fibrosa

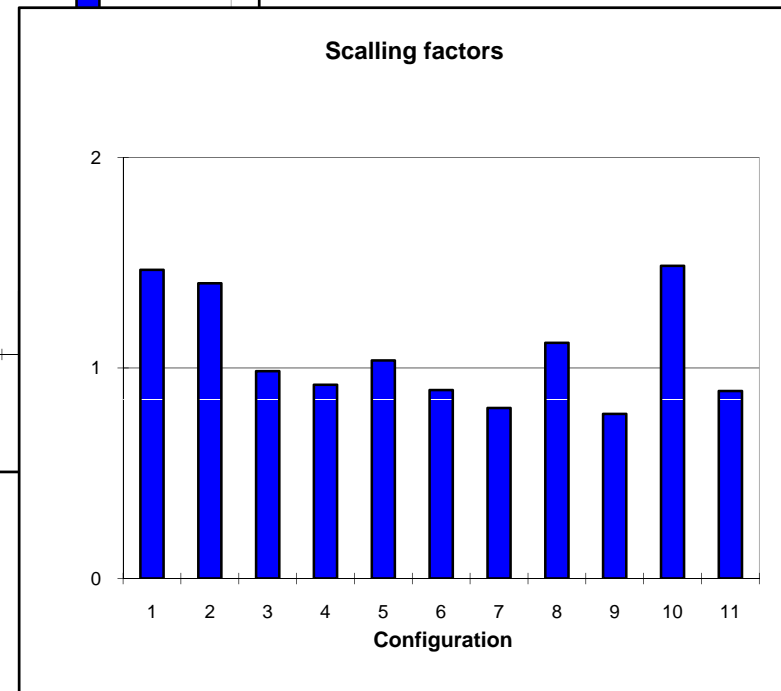
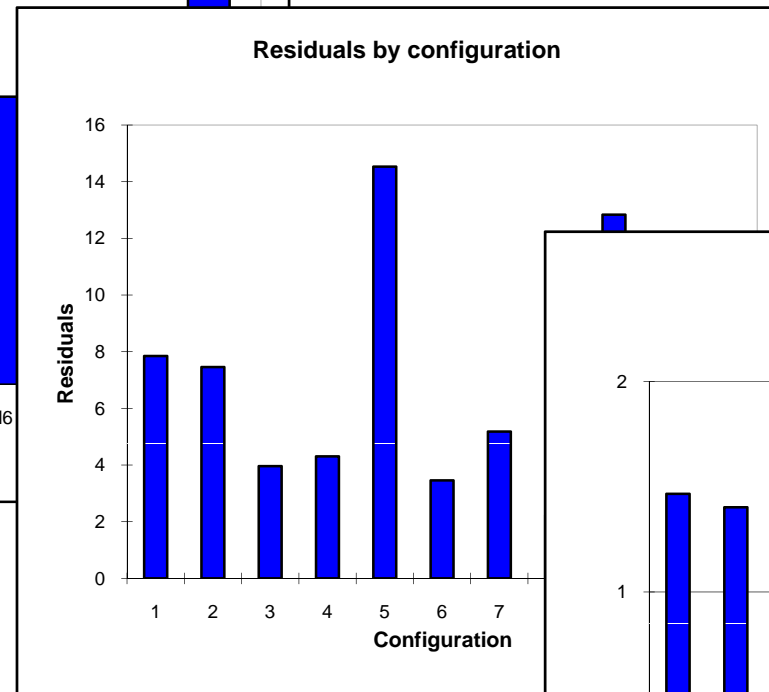
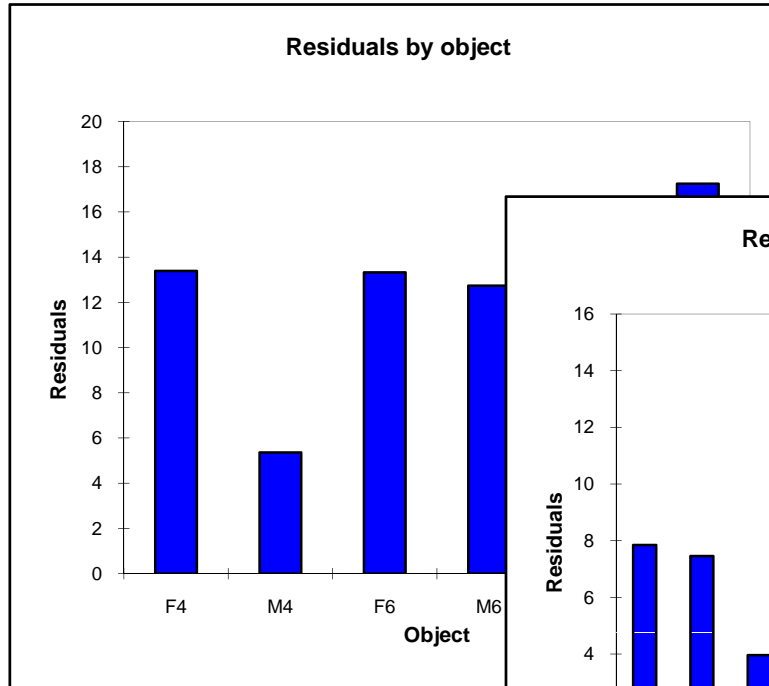
INTENSIDADE DO SABOR DOCE

salgada |-----| doce

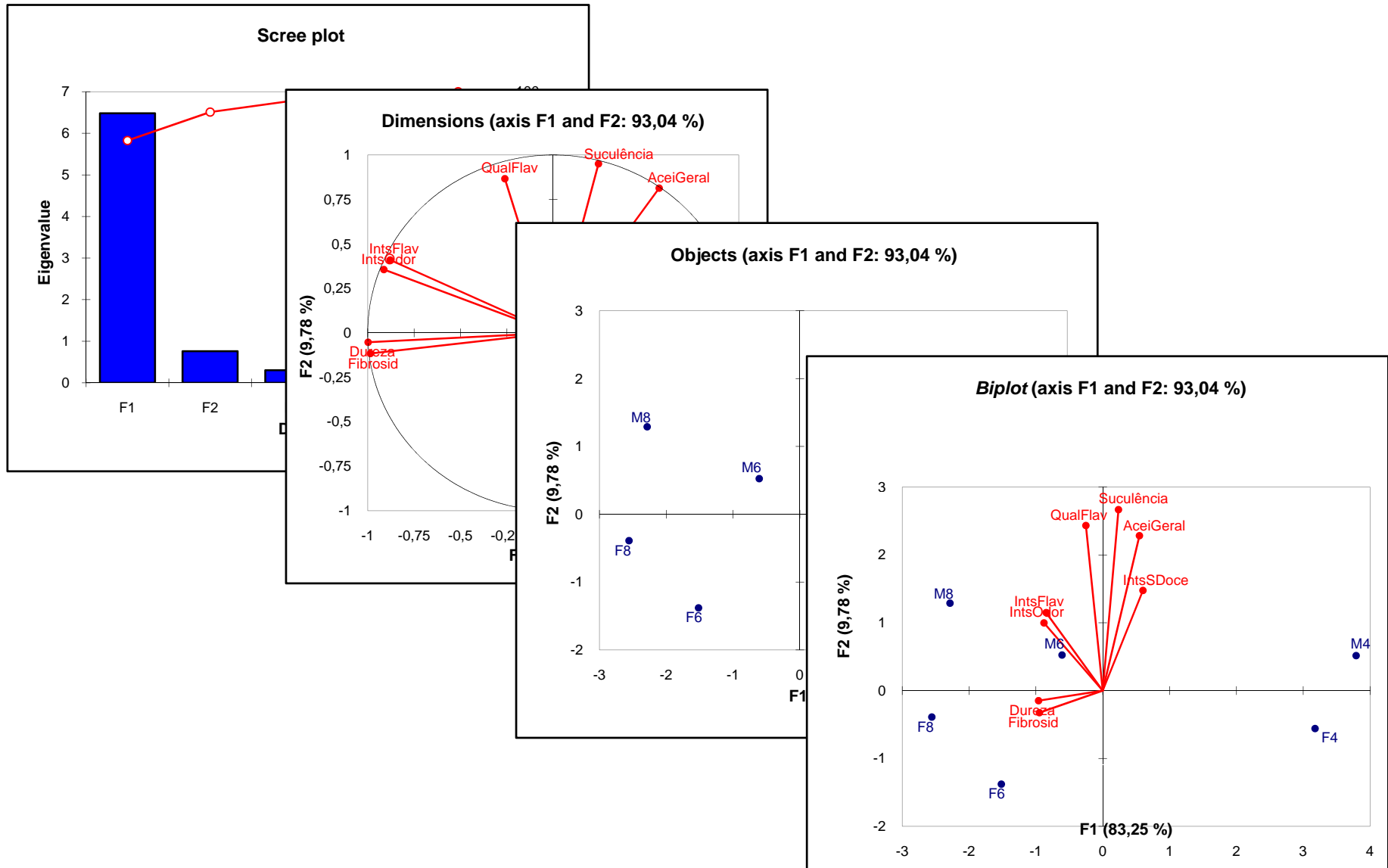
Statistical analysis

- The experimental design consisted of a factorial plan with 2 sexes and 3 carcass weight as fixed factors.
- Data were analyzed using the Generalized Procrustes Analysis by XLSTAT, an add in of Excel software.

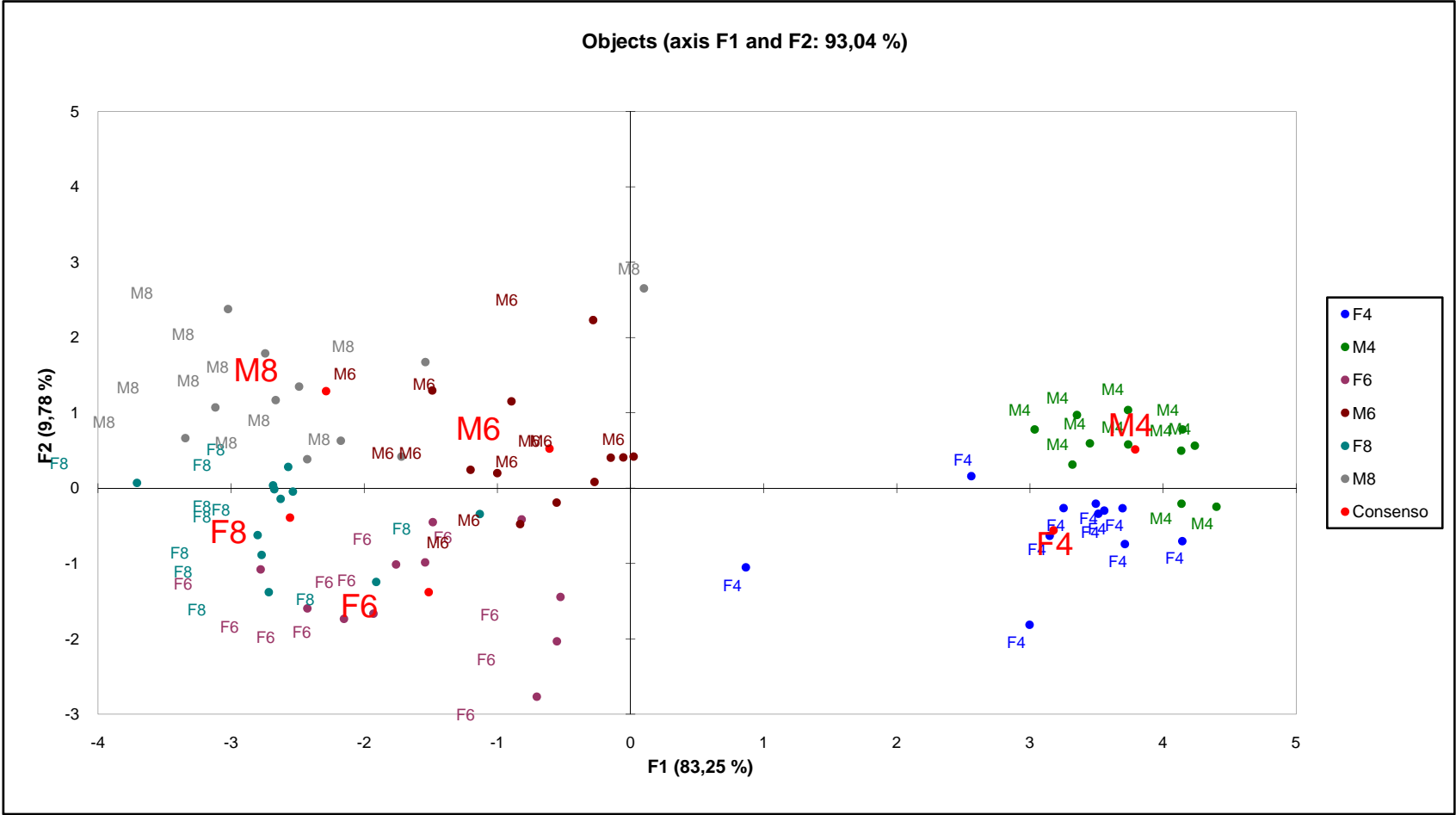
Results and discussion



Results and discussion



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Conclusions

- The results indicate to breeders that should produce light carcasses with less fat at suitable cost-benefit.
- In fact, this may conduct to higher profitability since lighter animals have higher demand and favourable market price.

Aknowlegdements

Agro Program



