

Evolutie van berengeurcomponenten na immunocastratie

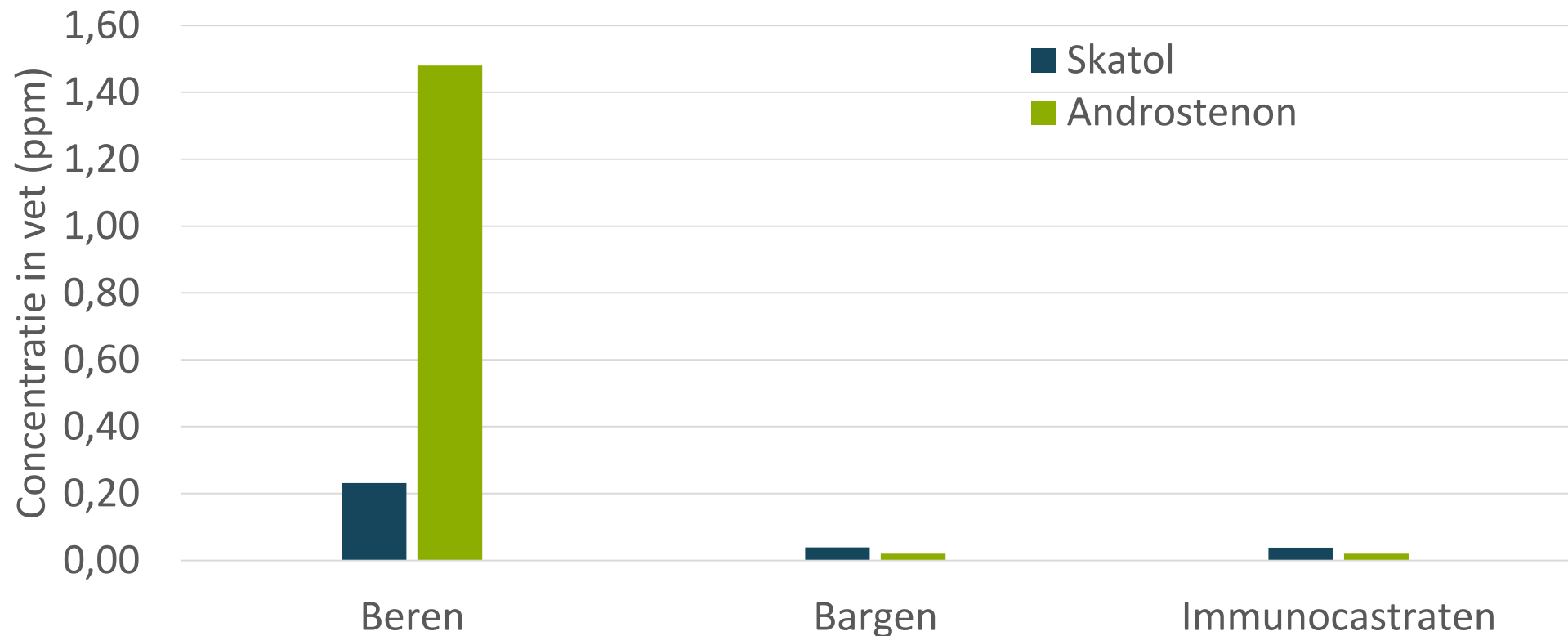
E. Heyrman, E. Kowalski, S. Millet, F Tuytens, B. Ampe, S. Janssens, N. Buys, J. Wauters, L. Vanhaecke, M. Aluwé

02/04/2019

ILVO

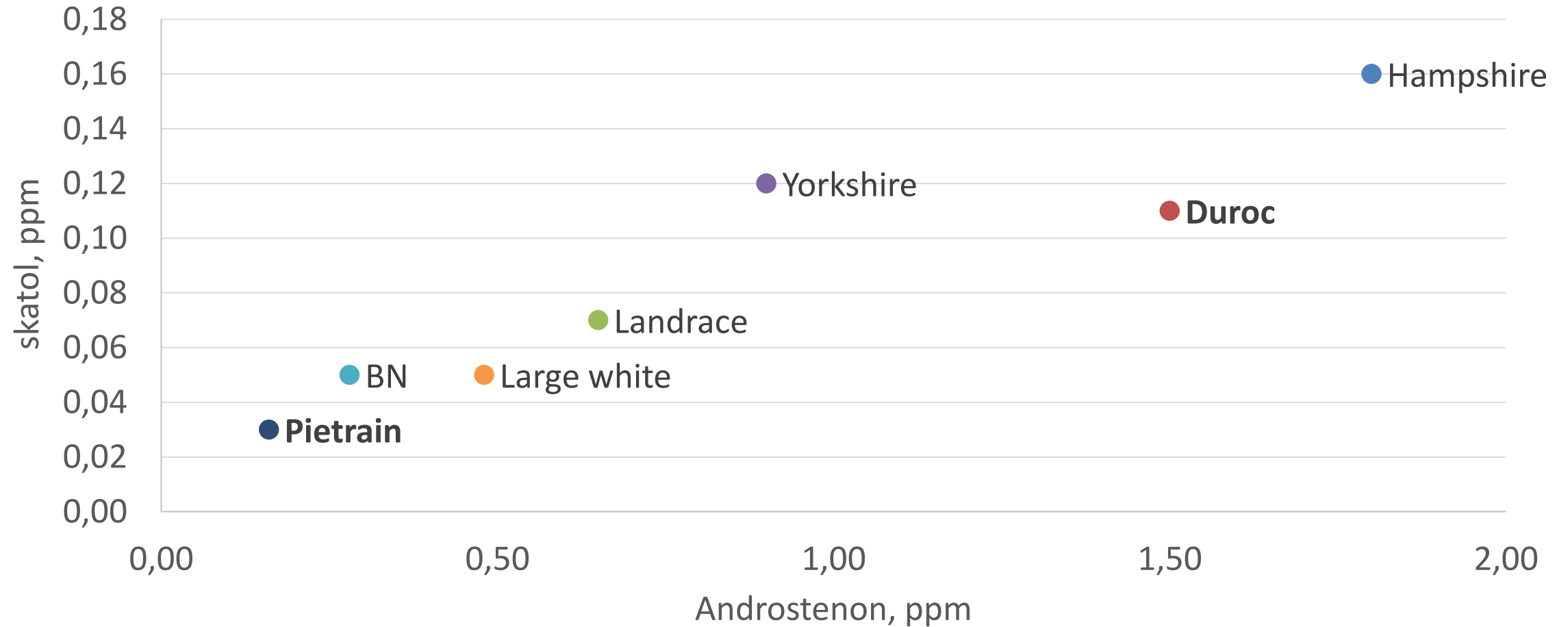
Effect van immunocastratie?

⇒ Evaluatie van de berengeurcomponenten in vet

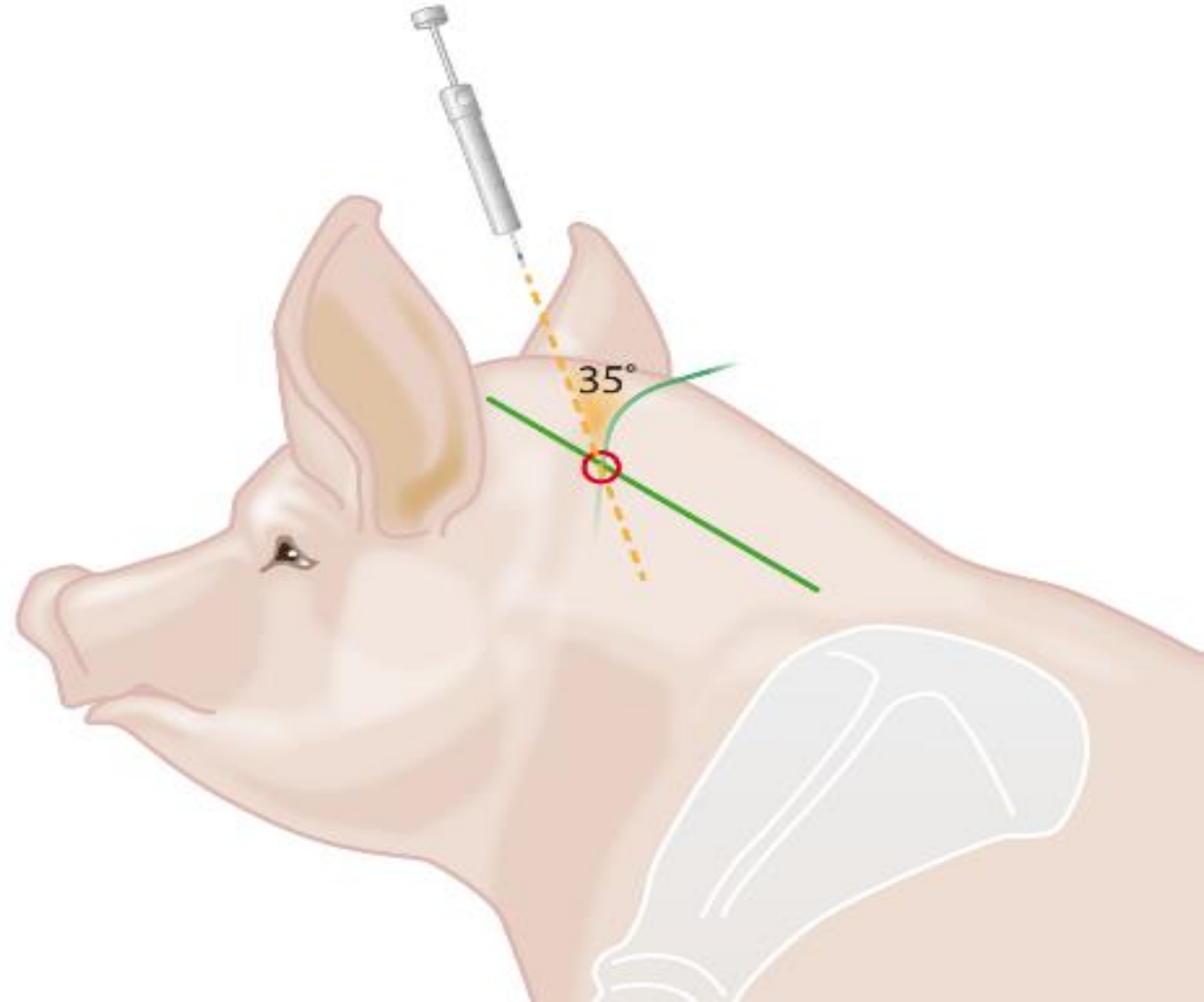


Verskil tussen rassen?

⇒ Piétrain < Duroc



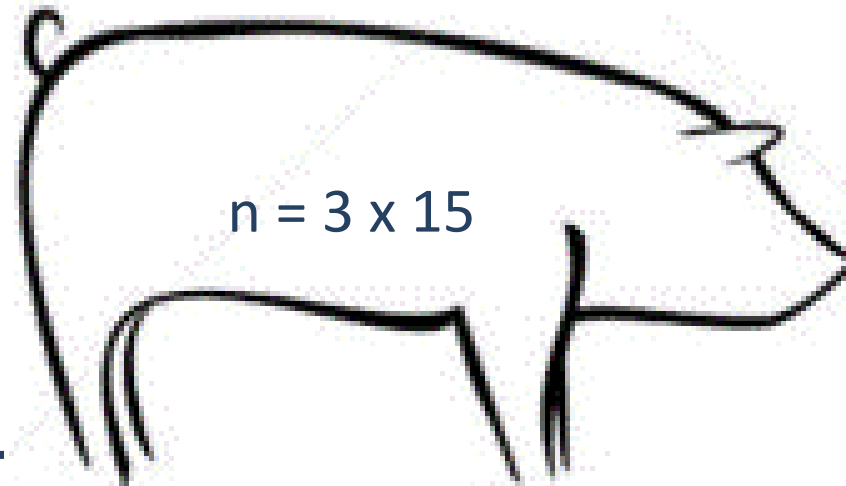
Berengeur in vet via biopsies



Doelstelling

- 1) Hoe evolueren de berengeurcomponenten na immunocastratie?
- 2) Verschil in gehalten naargelang eindbeerlijn?

Proefopzet



Hybride
zeug

Belgische Piétrain (BP)
Canadese Duroc (CD)
Franse Piétrain (FP)



V1 = 1^{ste}

50 kg



V2 = 2^e

70 kg



V2 + 2 (weken)

90 kg



S = Slacht

115 kg

Biopsie

Biopsie

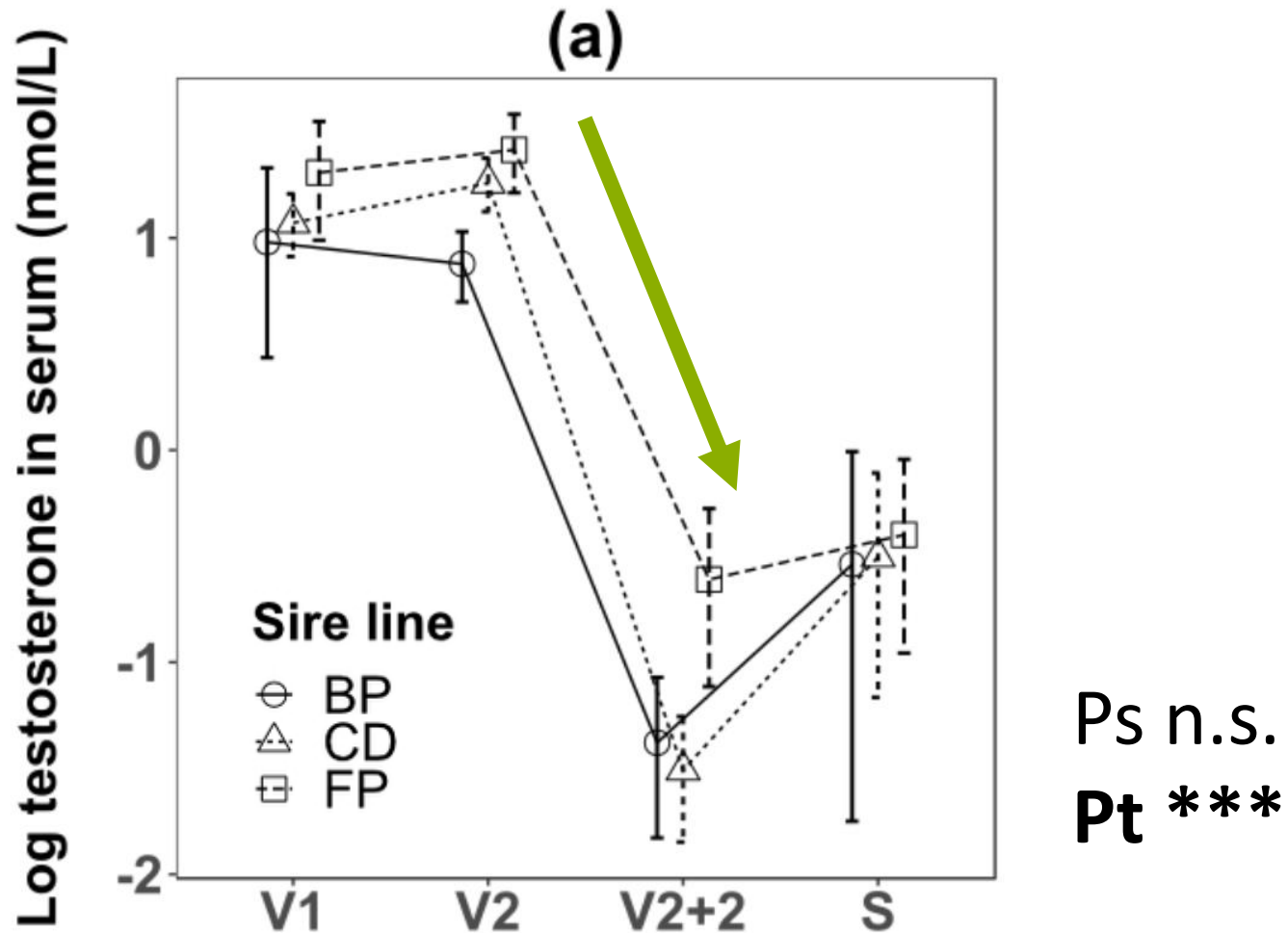
Nekvet

dag voor slacht

Vet: androstenon, skatol

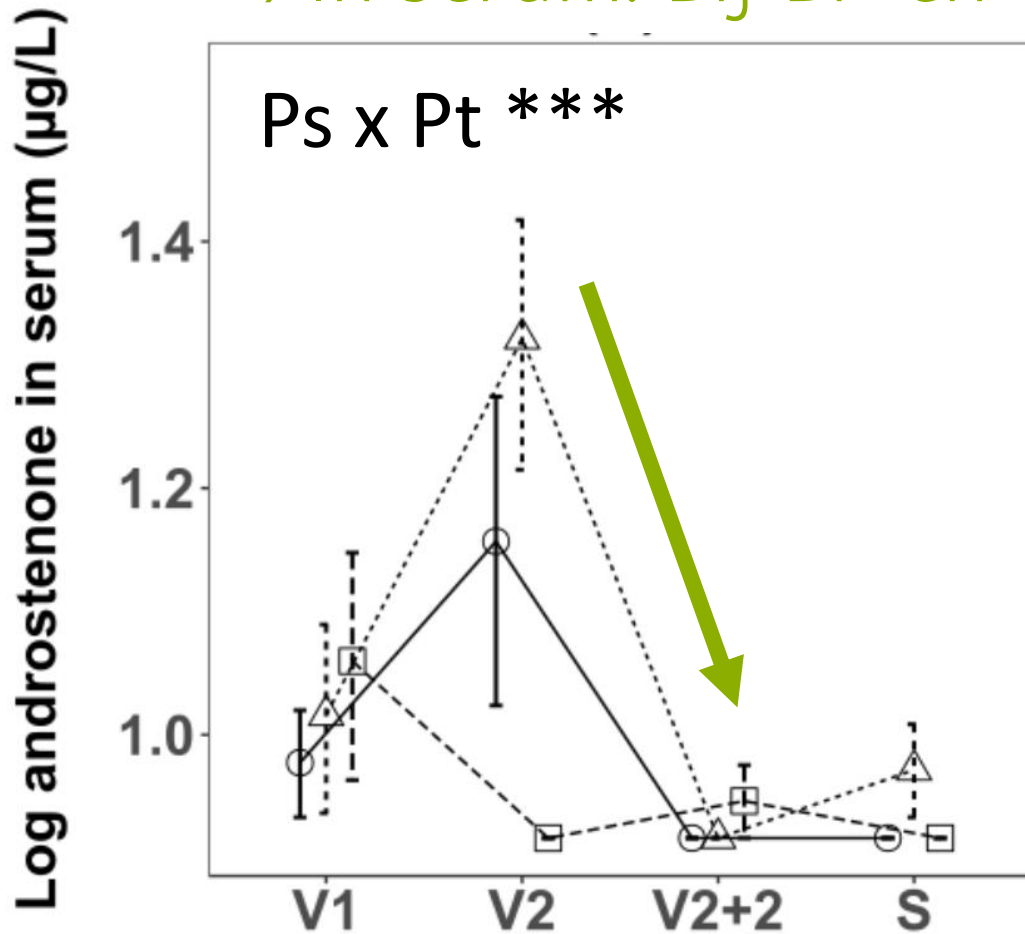
Serum: testosteron, androstenon, skatol, indol

Daling van testosteron na 2^e vaccinatie

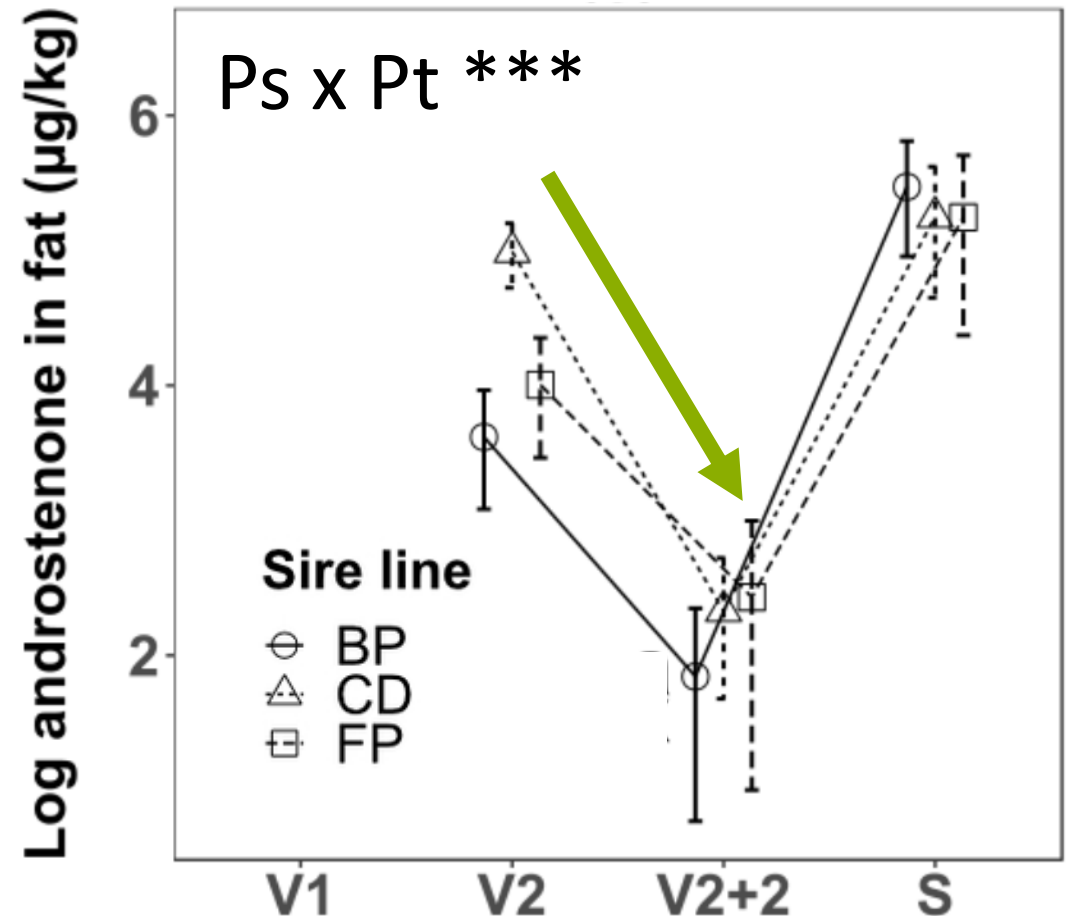


Daling van androstenon na 2^e vaccinatie

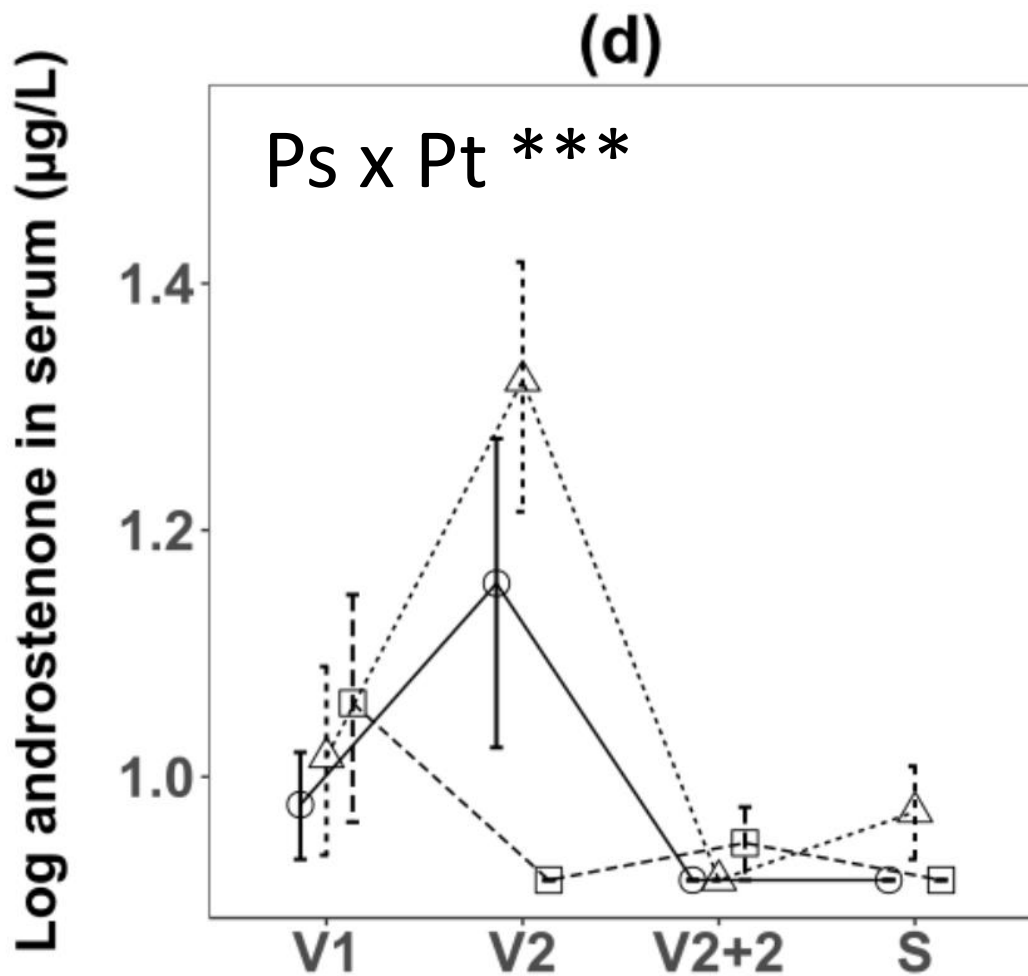
⇒ In serum: Bij BP en CD



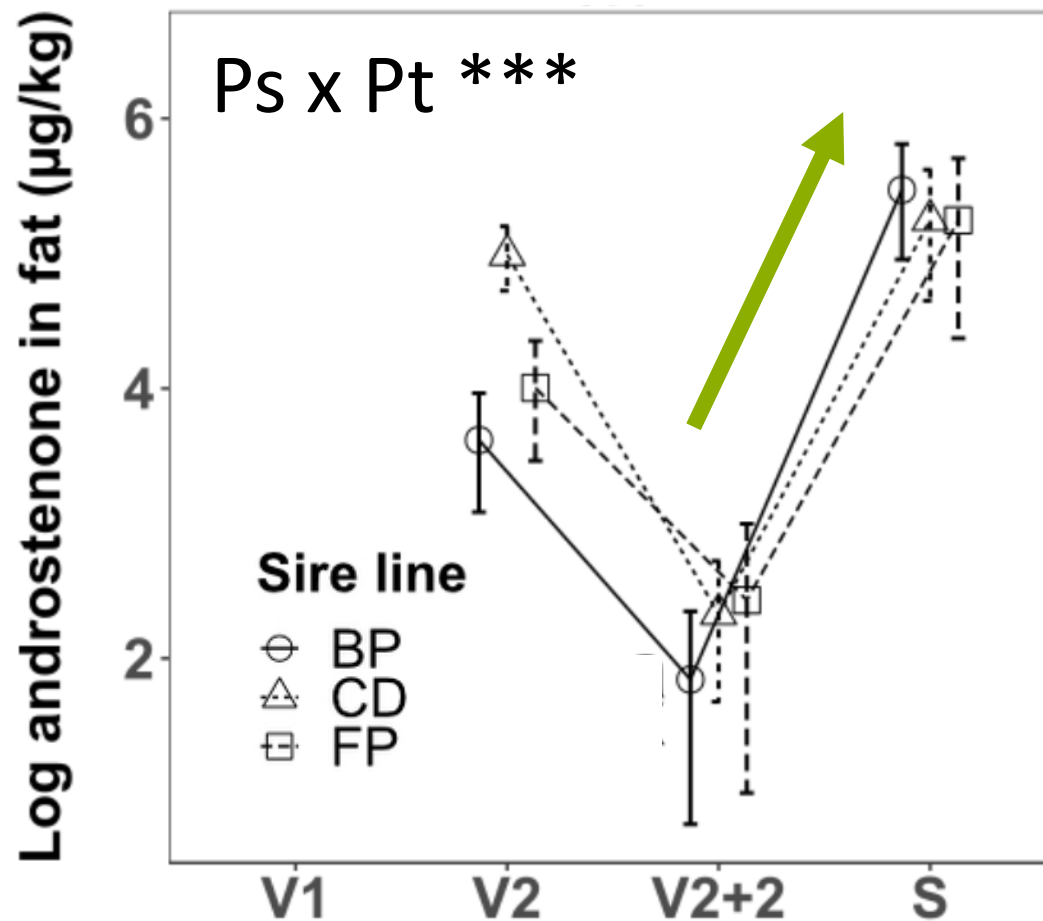
⇒ In vet



Stijging van androstenon bij slacht?

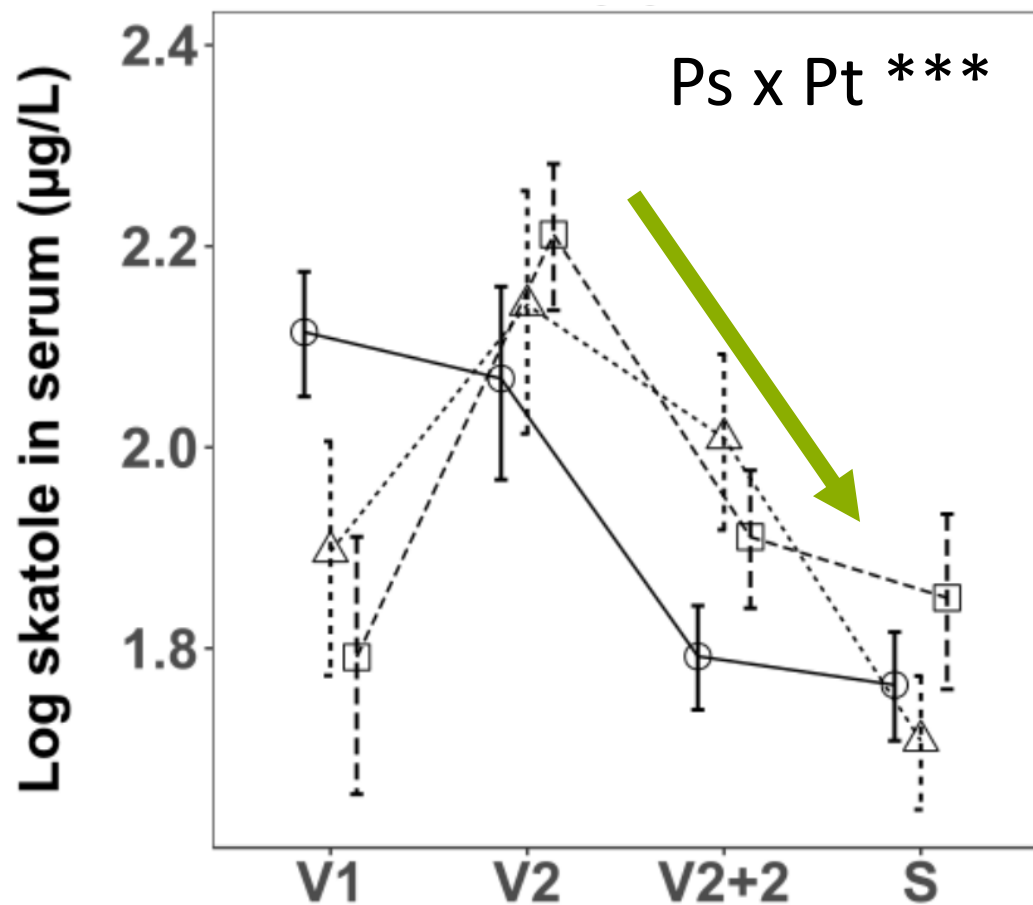


⇒ In vet

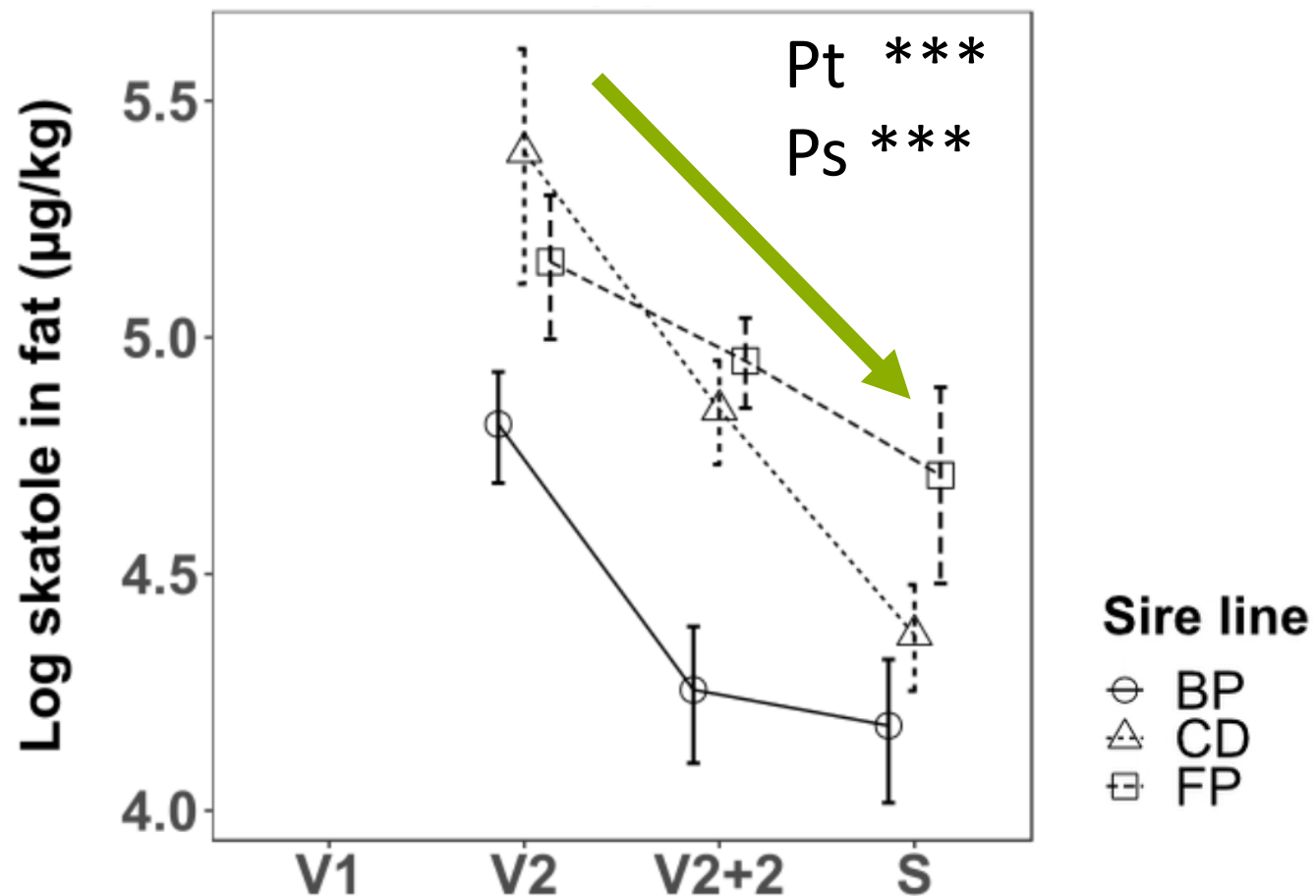


Daling van skatol na 2^e vaccinatie

⇒ In serum

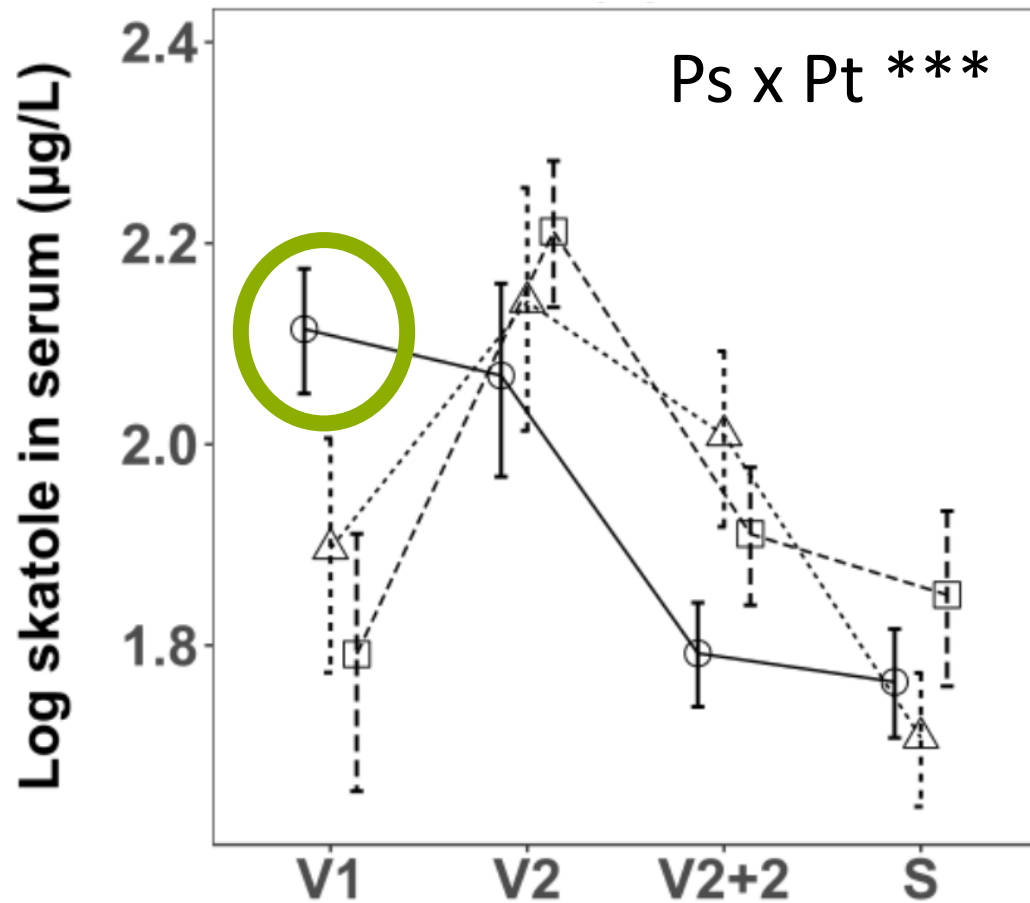


⇒ In vet

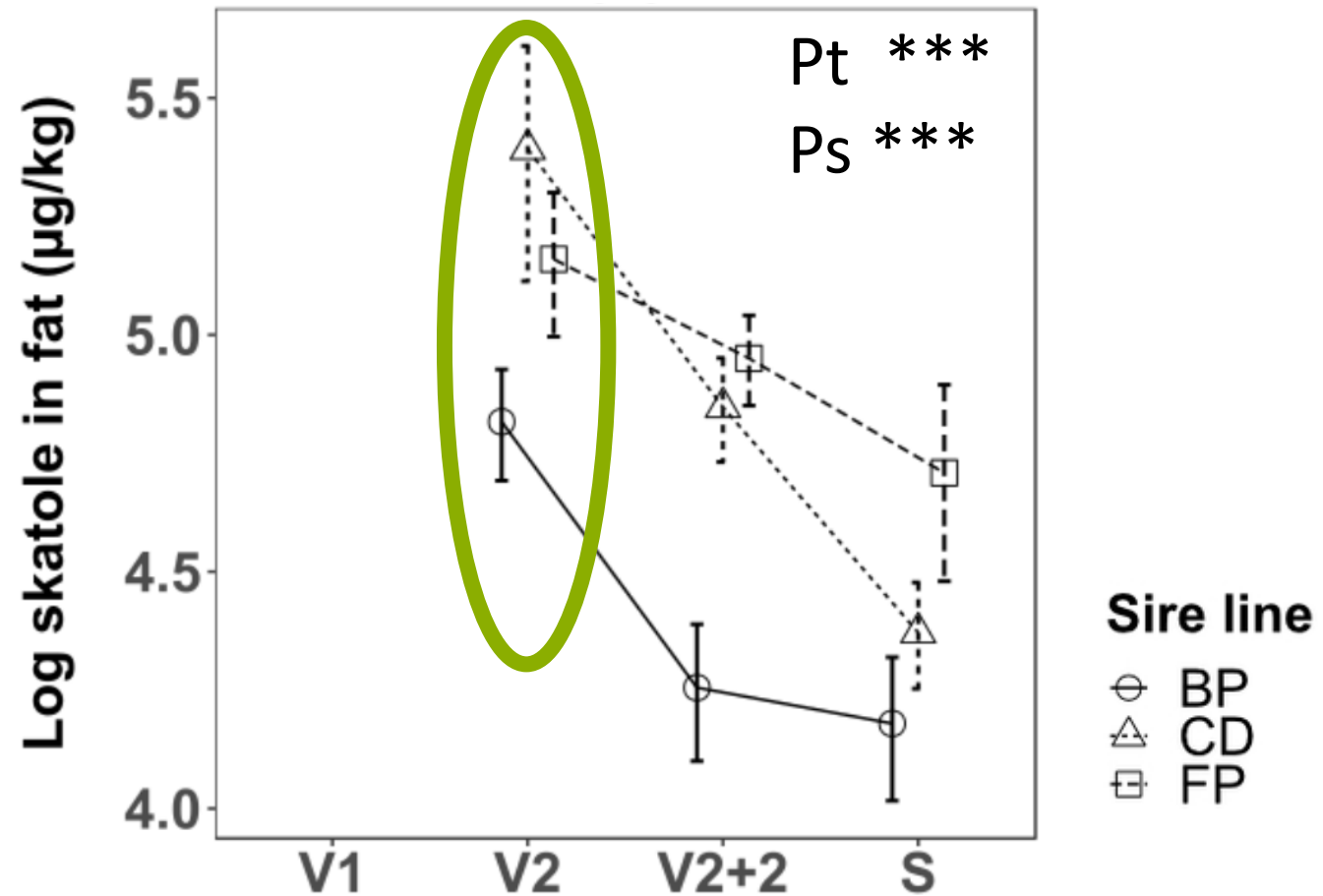


Rasverschillen voor skatol

⇒ In serum

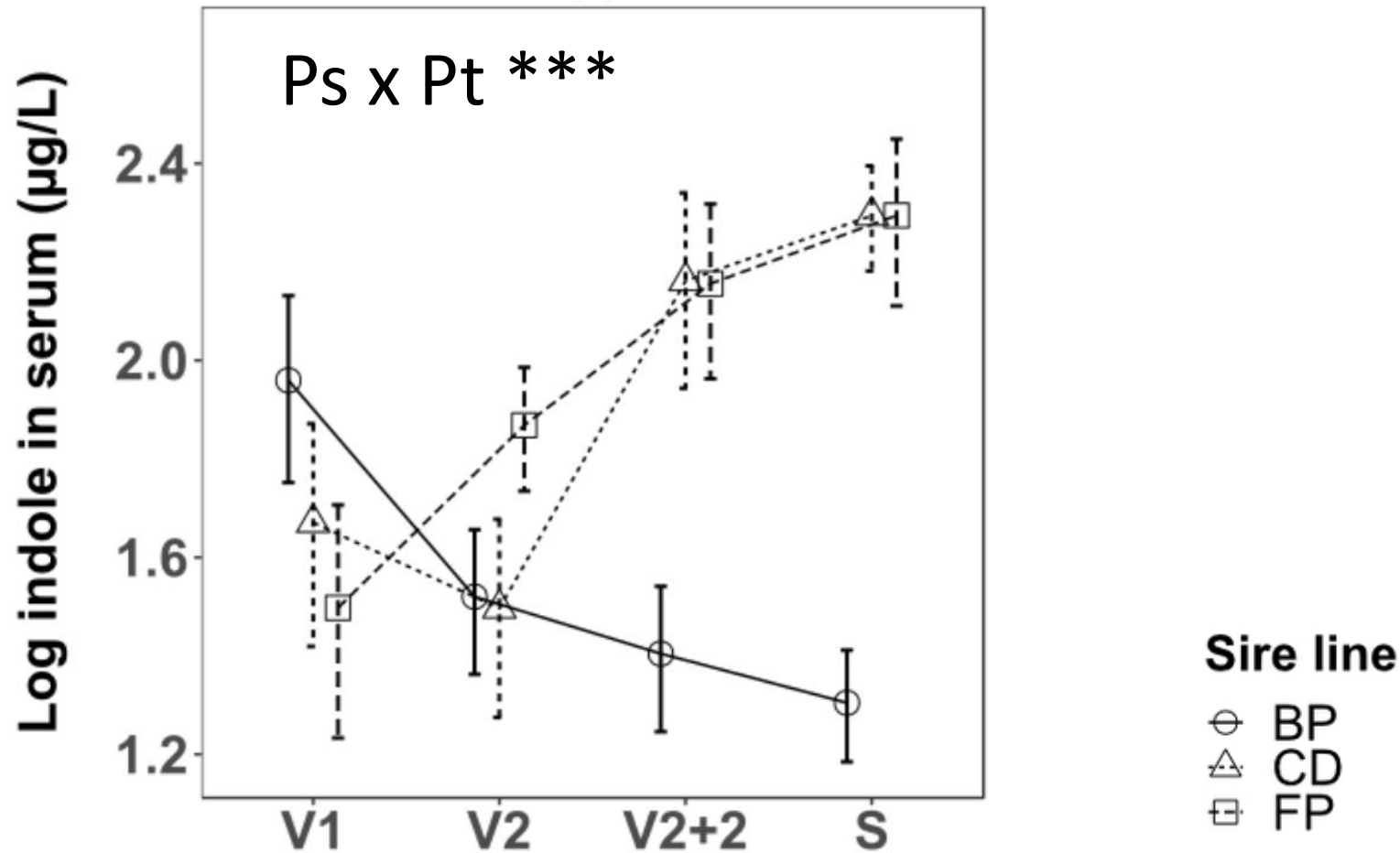


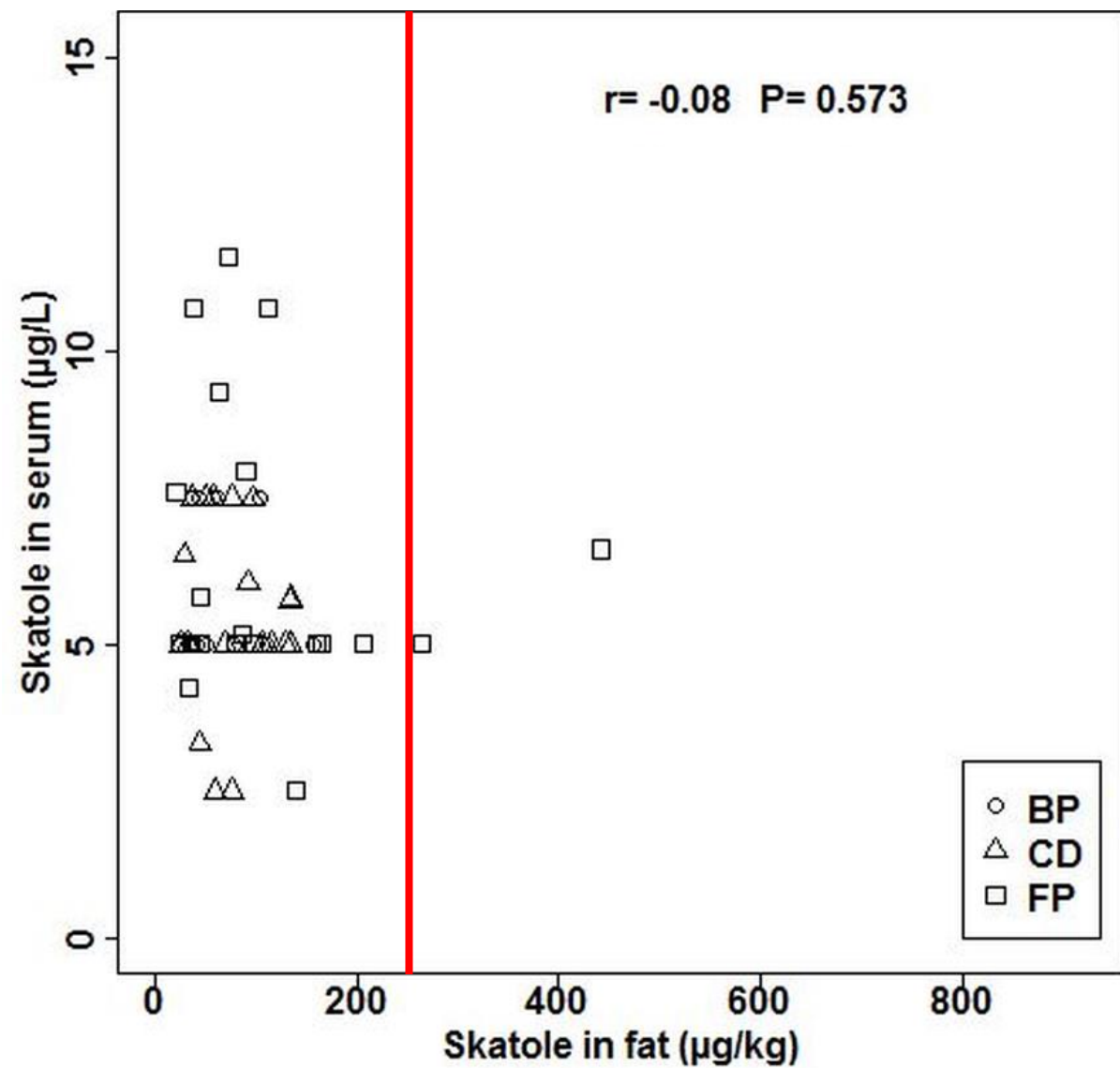
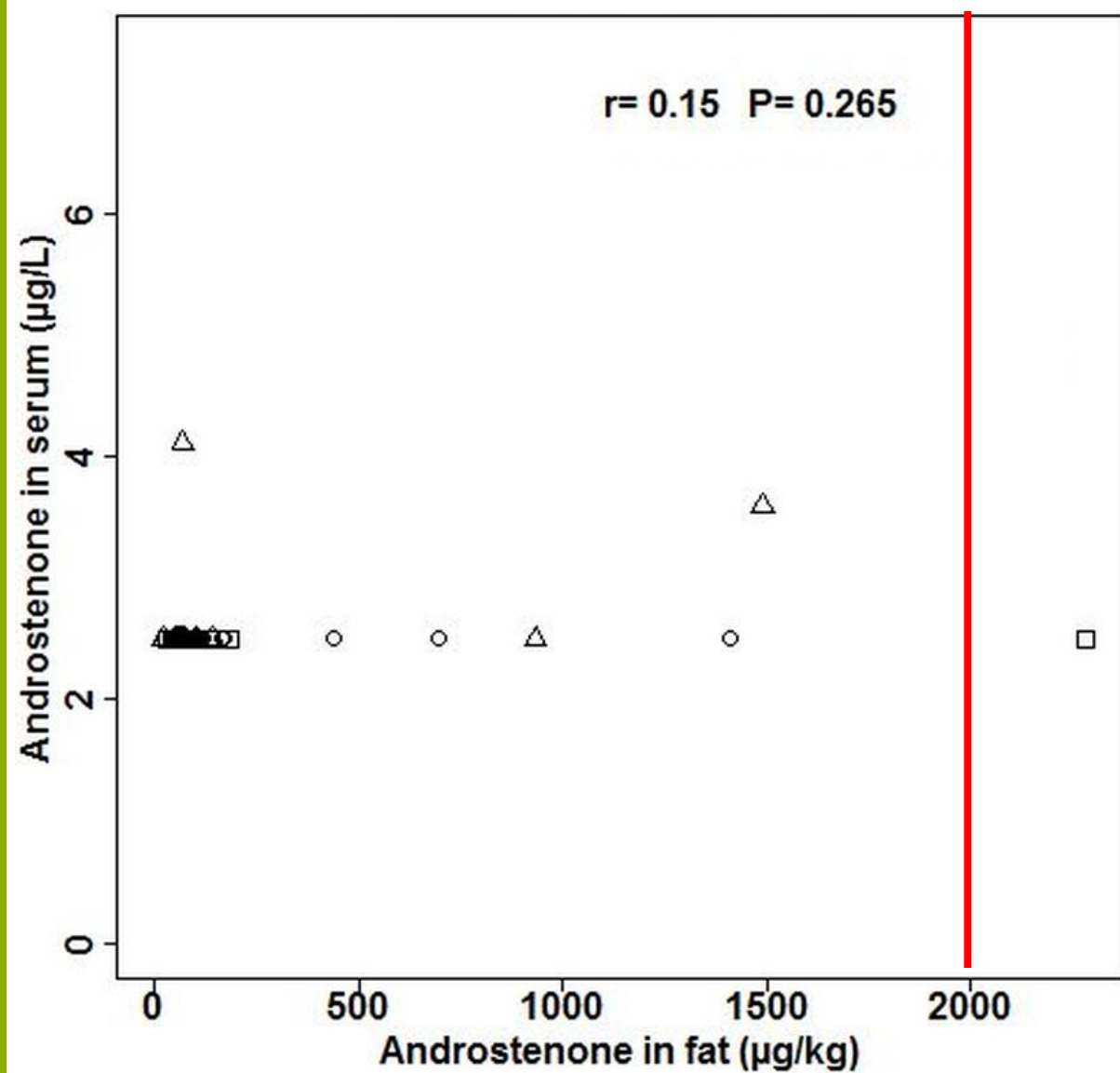
⇒ In vet



Ras x tijd voor indol

⇒ In serum: BP daling, CD en FP stijging





Conclusie

- IND daalt niet bij FP and CD, wel bij BP
- SKA daling meer gradueel
- Verloop AND?
- Geen sterke link tussen serum en vet

- Berengeur bij slacht?
 - ✓ Sensorisch geen berengeur
 - ✓ 1 varken met AND > 2000 ppb
 - ✓ 2 varken met SKA > 250 ppb



Bedankt voor uw aandacht

VLAIO TAINLESS
VLAIO VLEVAVLEES

