

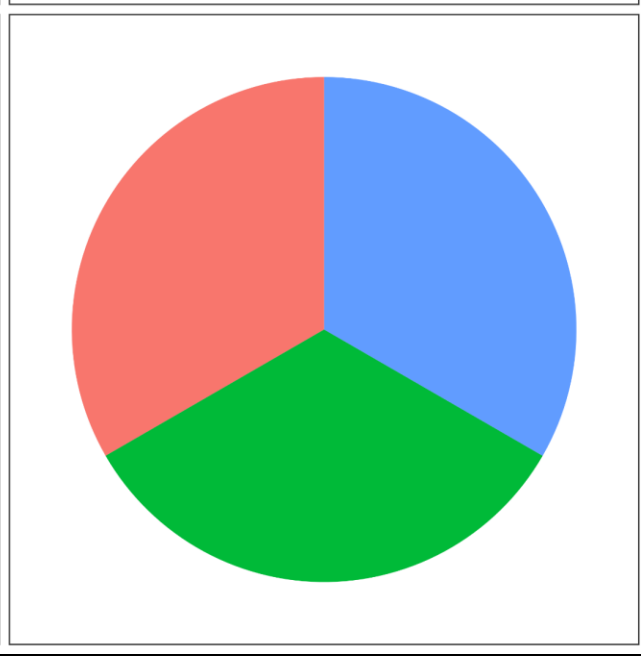
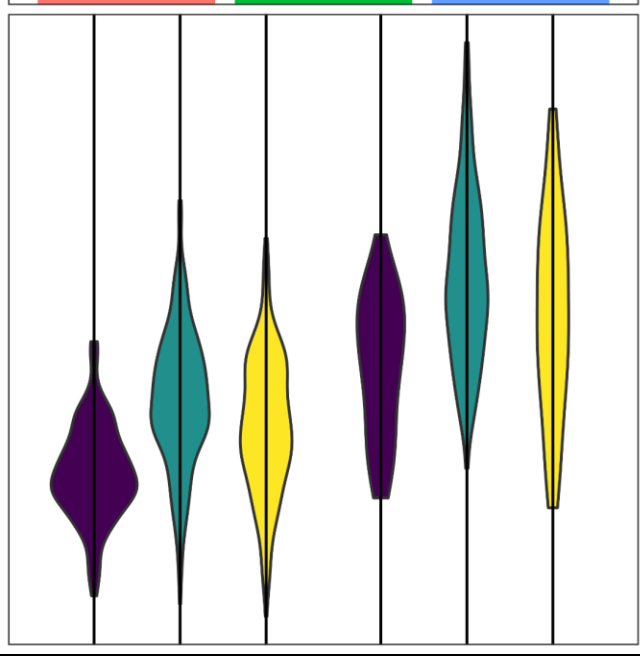
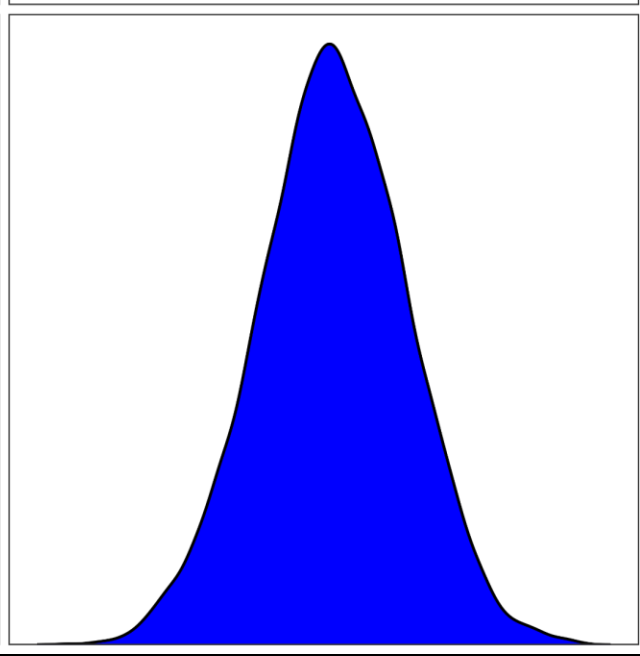
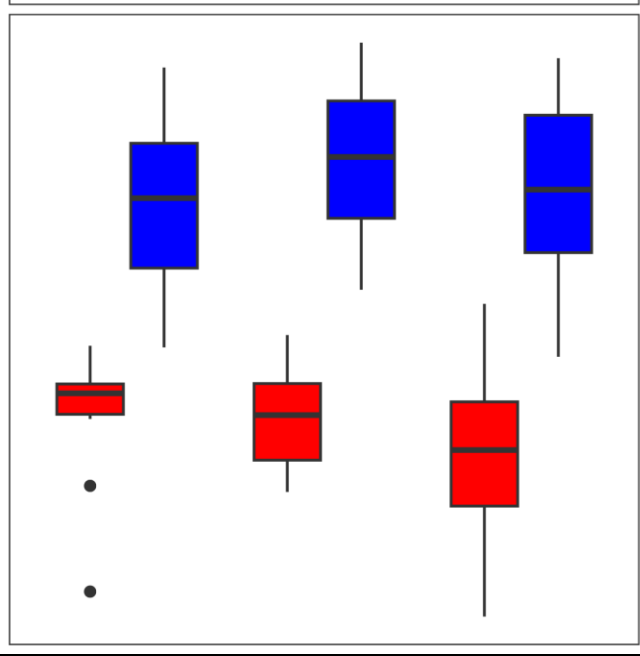
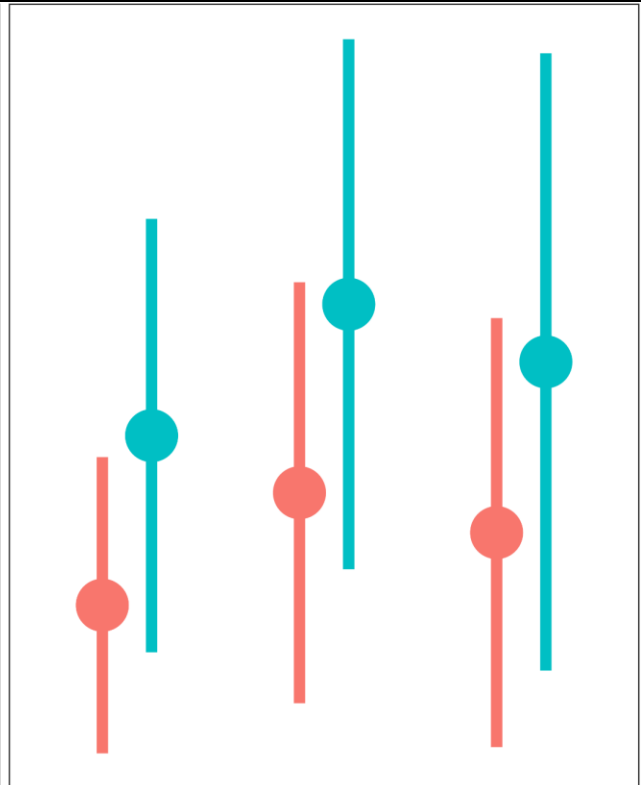
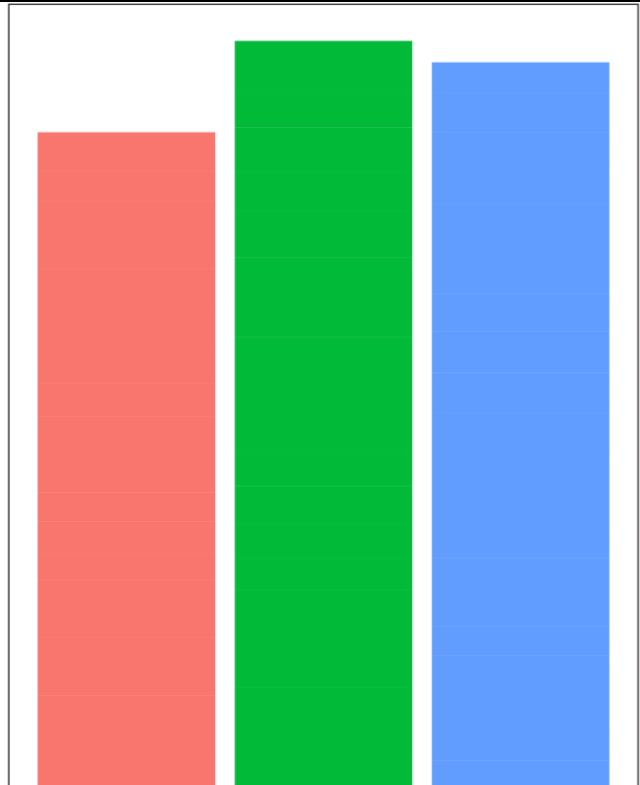
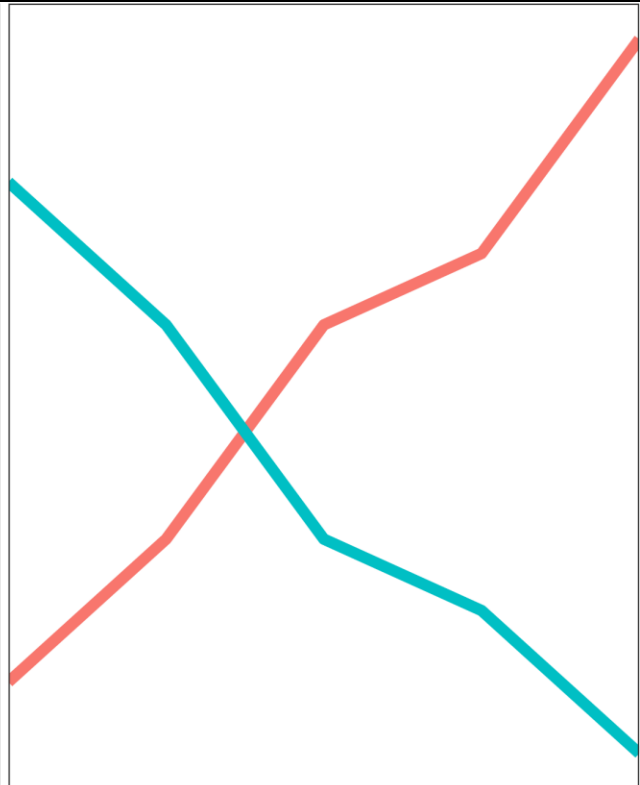
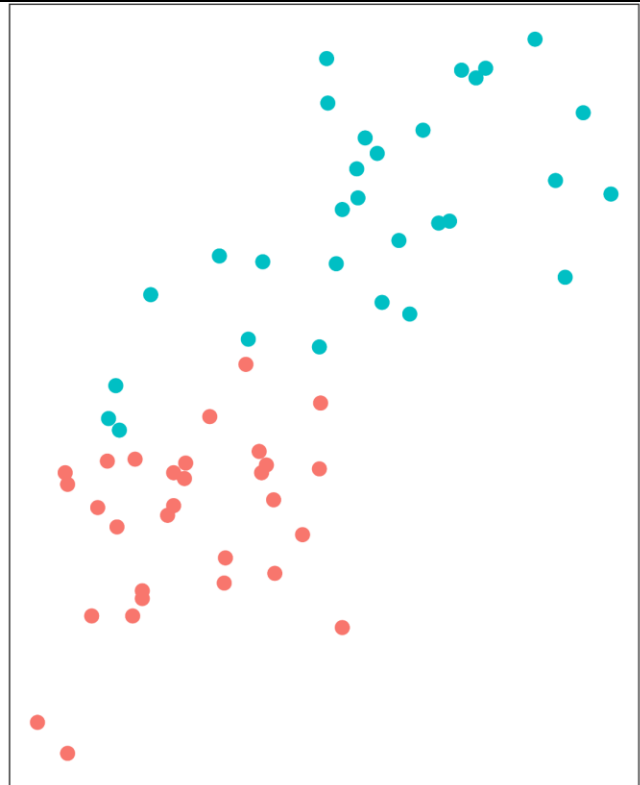
Datavisualisering

Vegard Lysne

Klinisk Ernæringsfysiolog, PhD

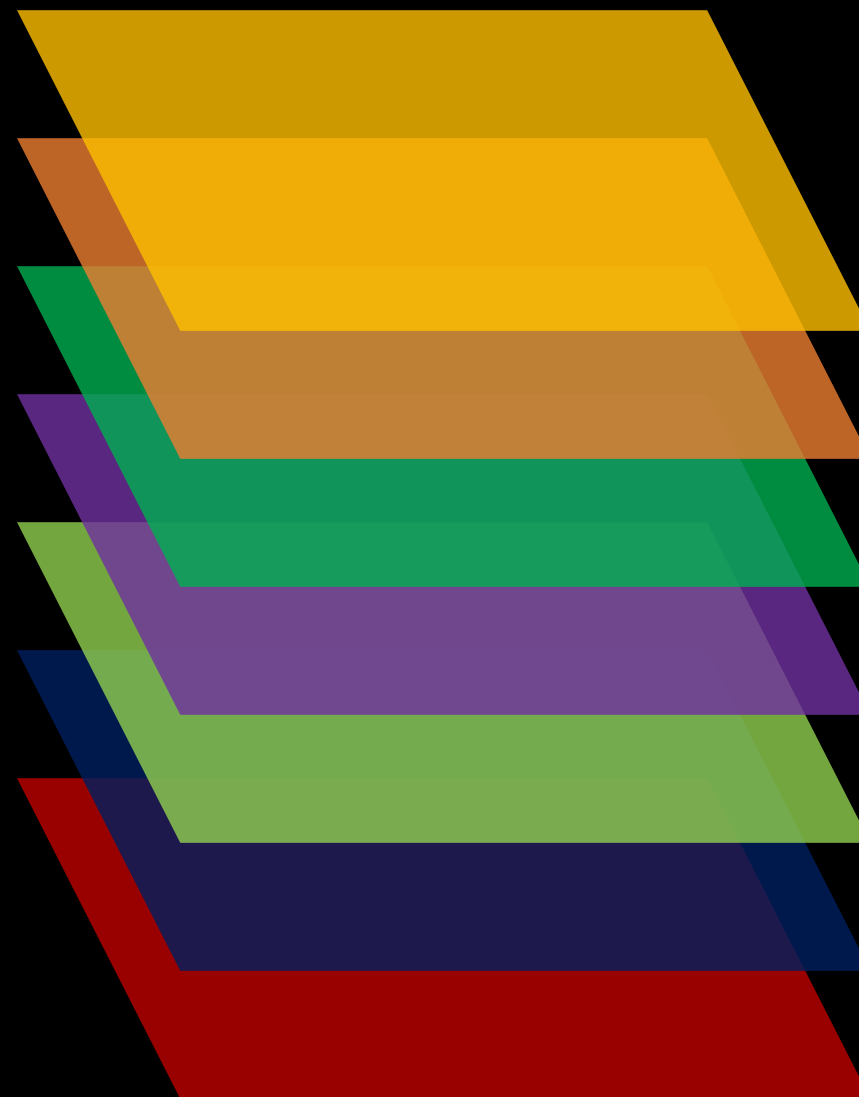
Redaksjonsmedlem NTFE

NTFE-konferansen, 01.12.2023



Grammar of Graphics

Utforming (tema)
Koordinatsystem
Statistiske sammendrag
Fasetter (underplott)
Geometriske objekter
Mapping/kobling (estetiske elementer)
Data

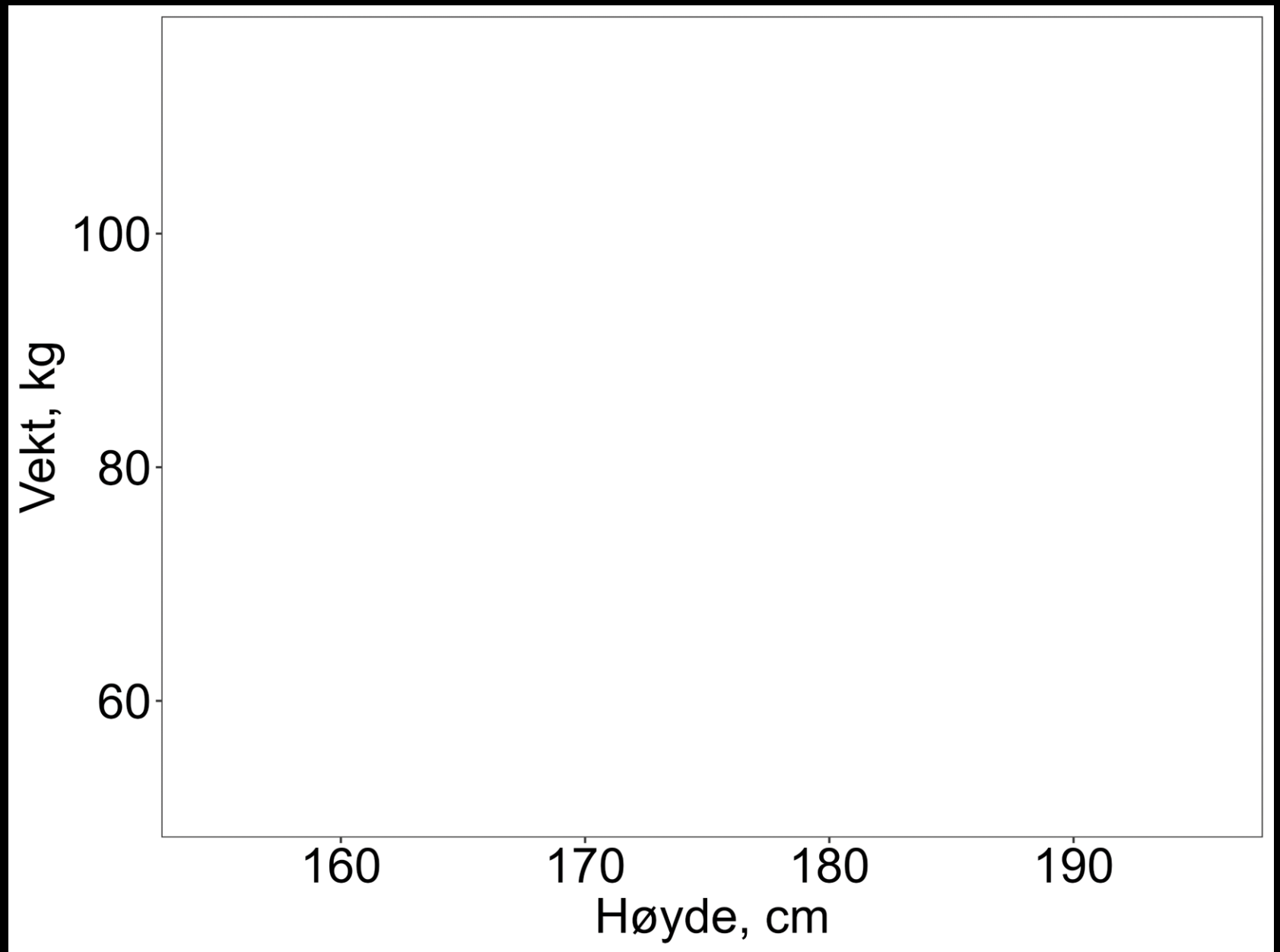


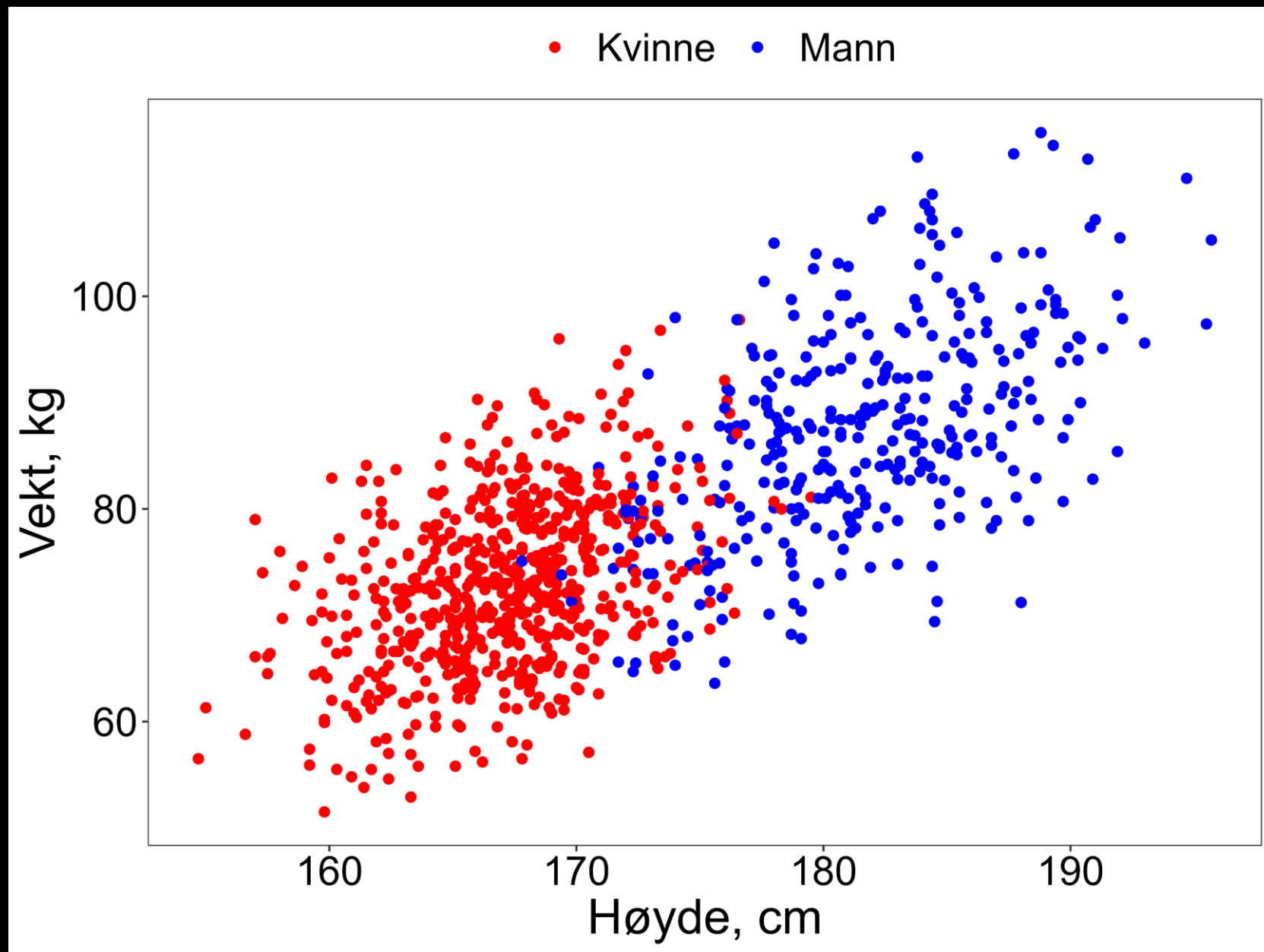
Data

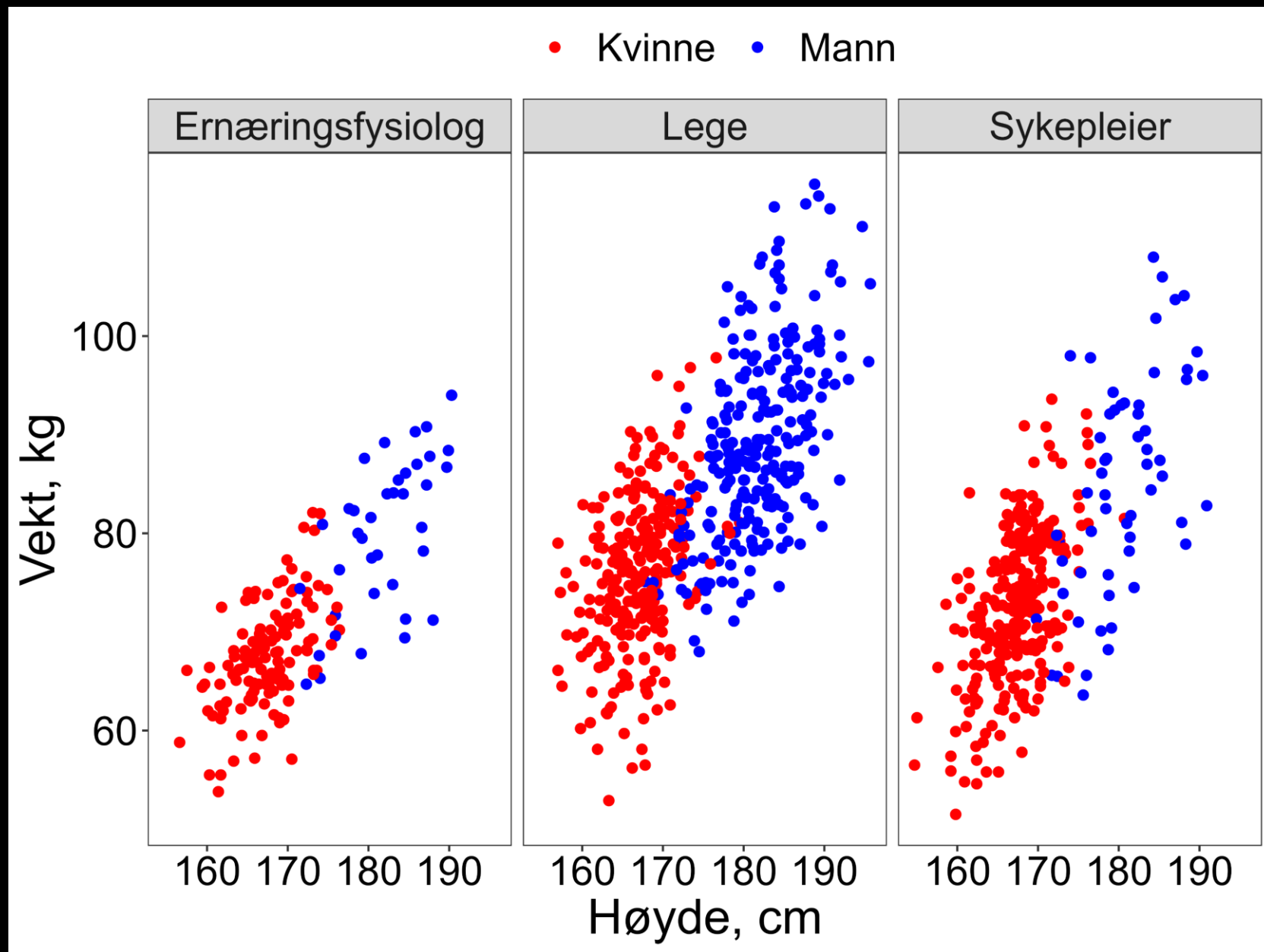
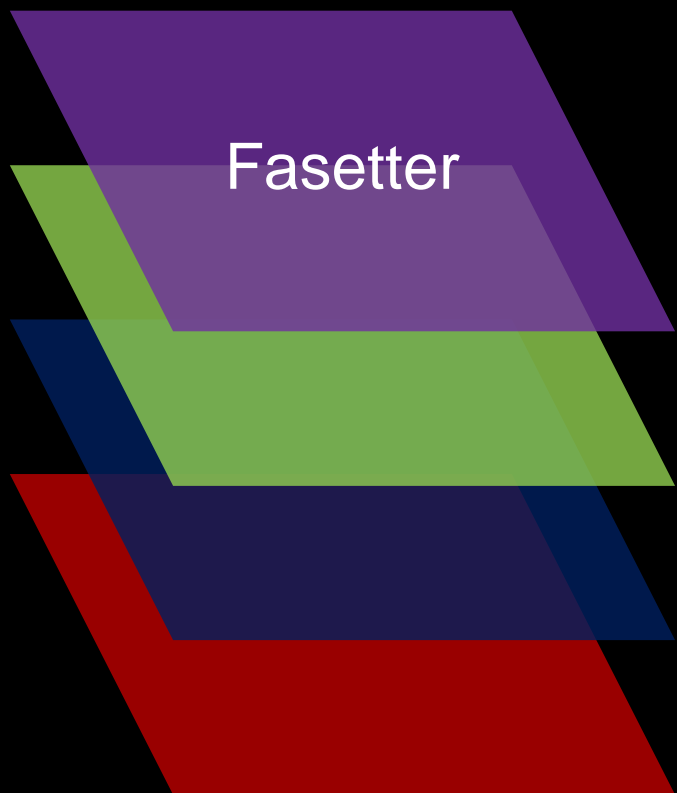
Kjønn	Yrke	Vekt	Høyde	BMI
Kvinne	Lege		164.3	29.1
Kvinne	Lege		158.1	27.8
Kvinne			164.4	24.6
Kvinne				25.4
Mann				23.3
Mann				27.0
Mann	Le		180.3	25.7
Mann	Leg	82.2	176.0	26.5
Mann	Ernæringsfysiolog	90.8	187.2	25.9



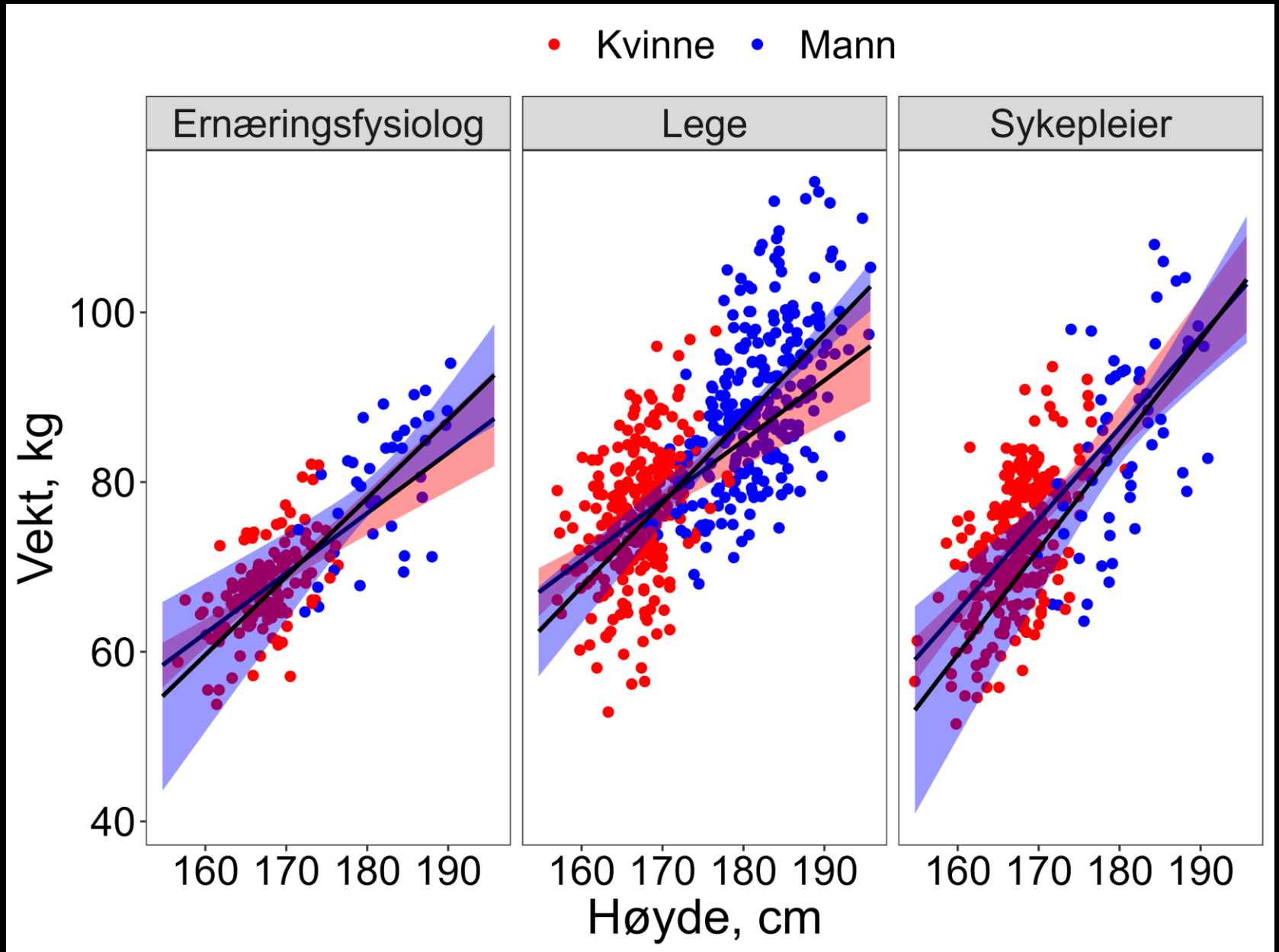
Mapping

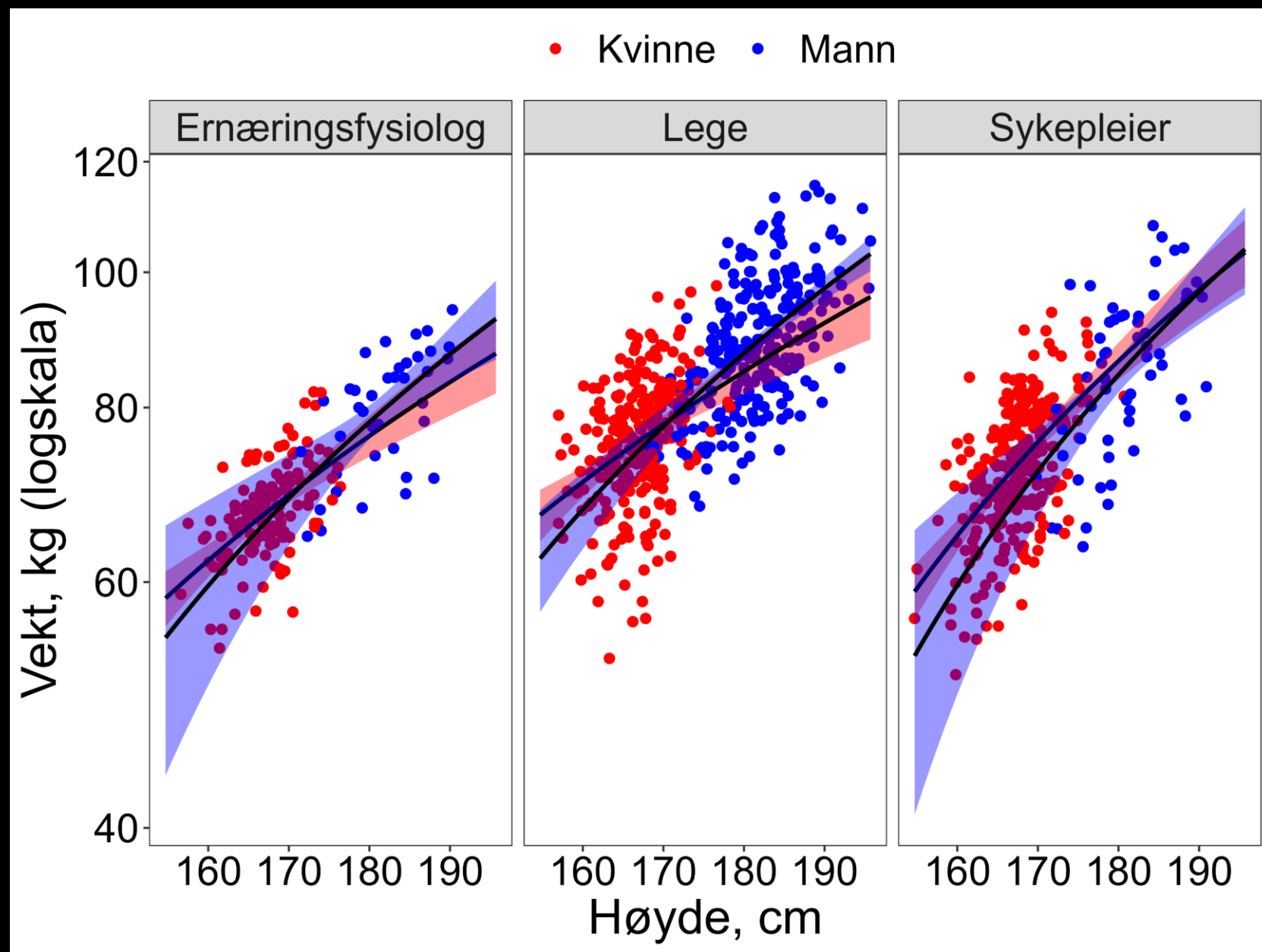
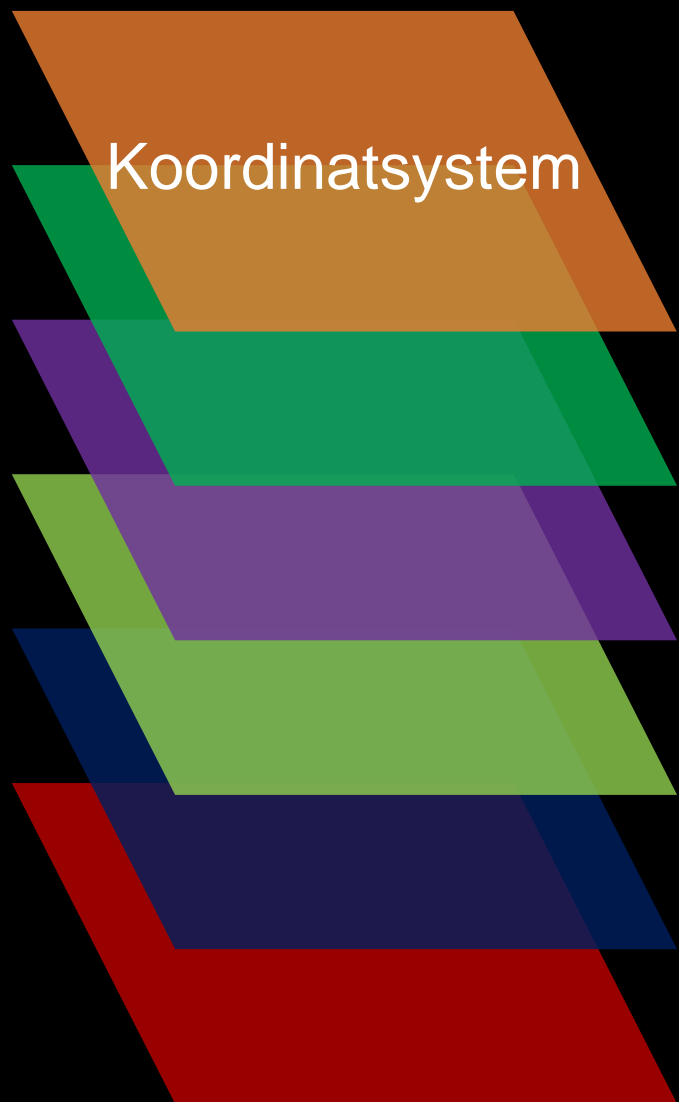






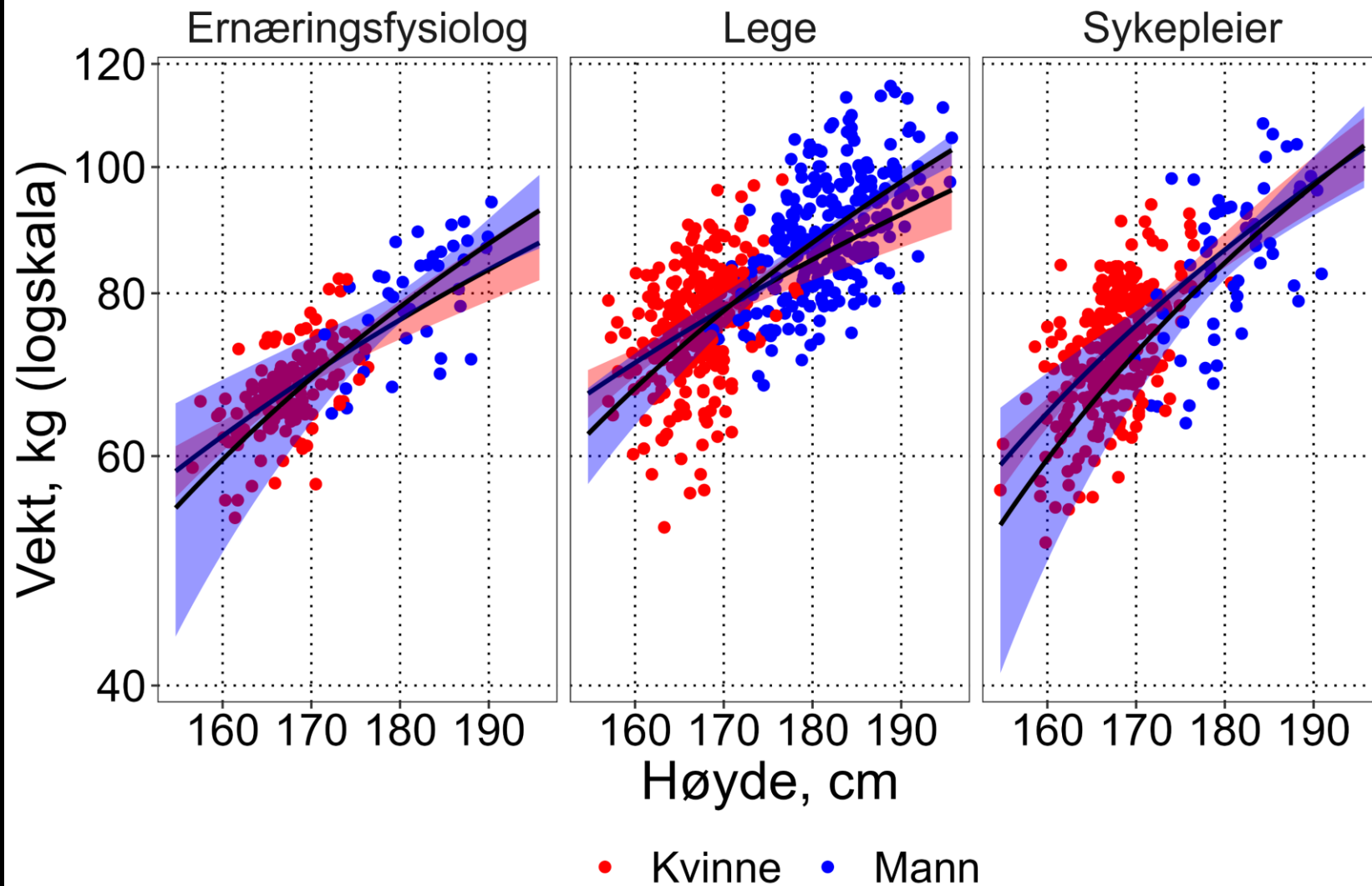
Statistiske
sammendrag





Utforming

Helsepersonells høyde og vekt

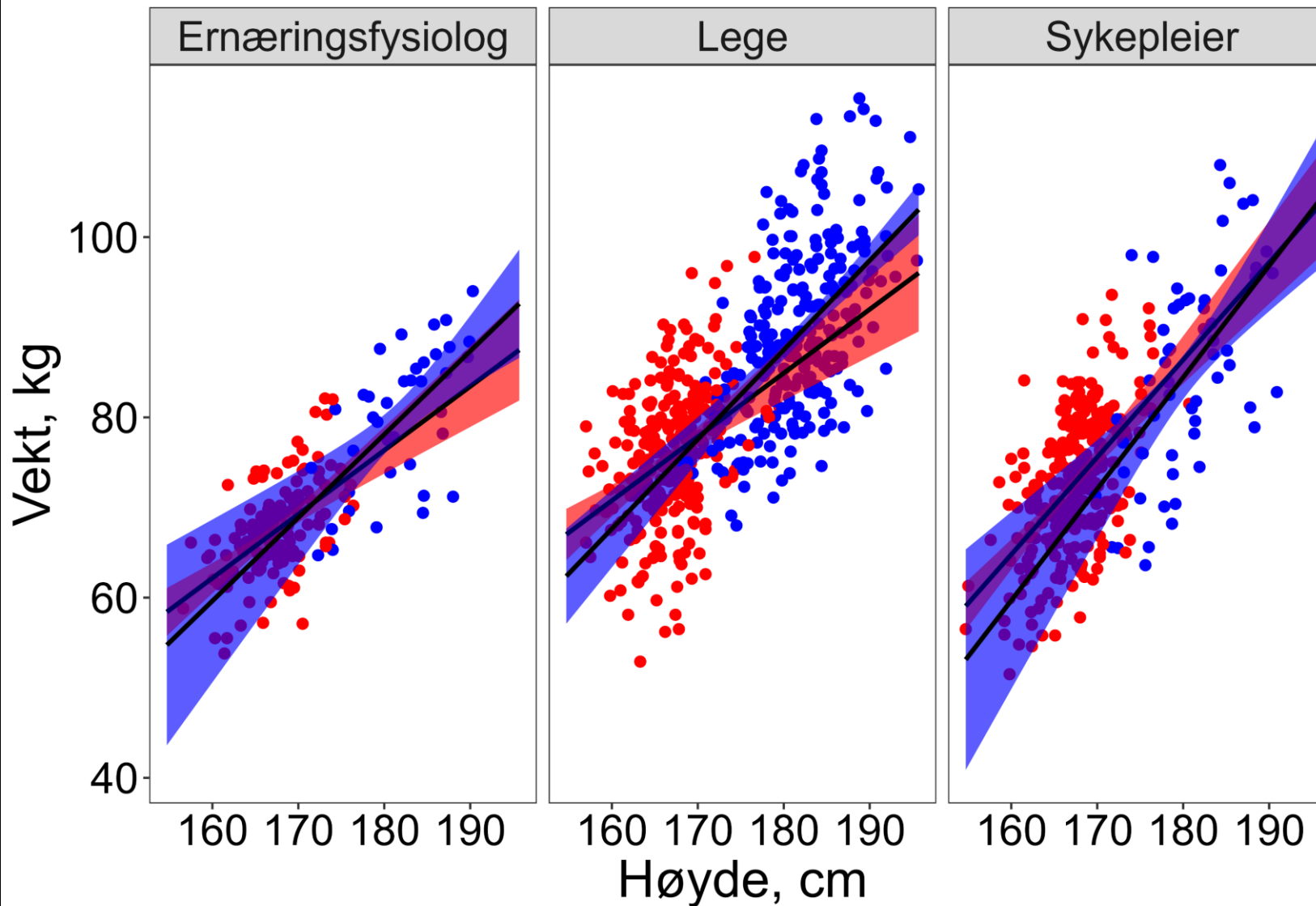


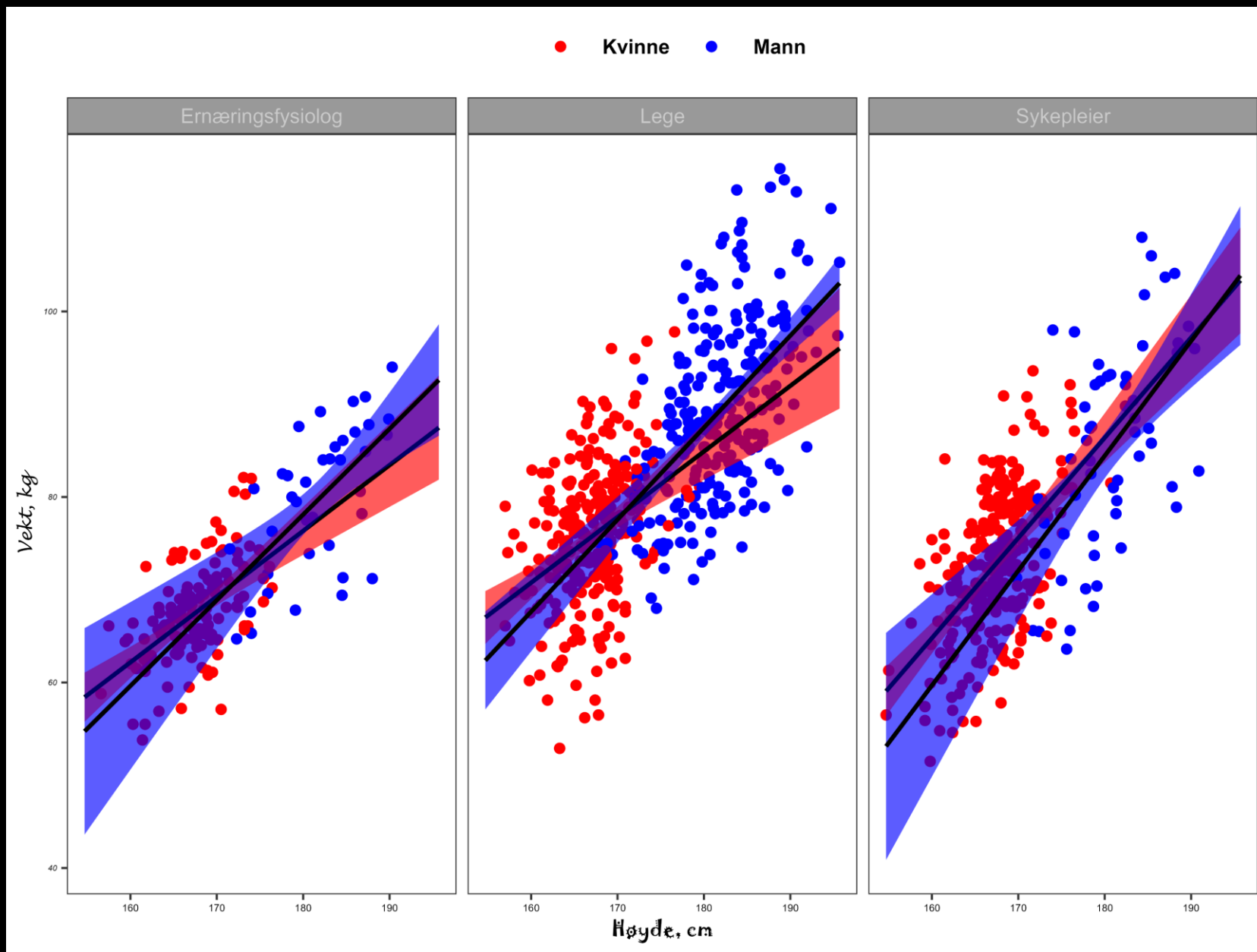
(Simulerte data)

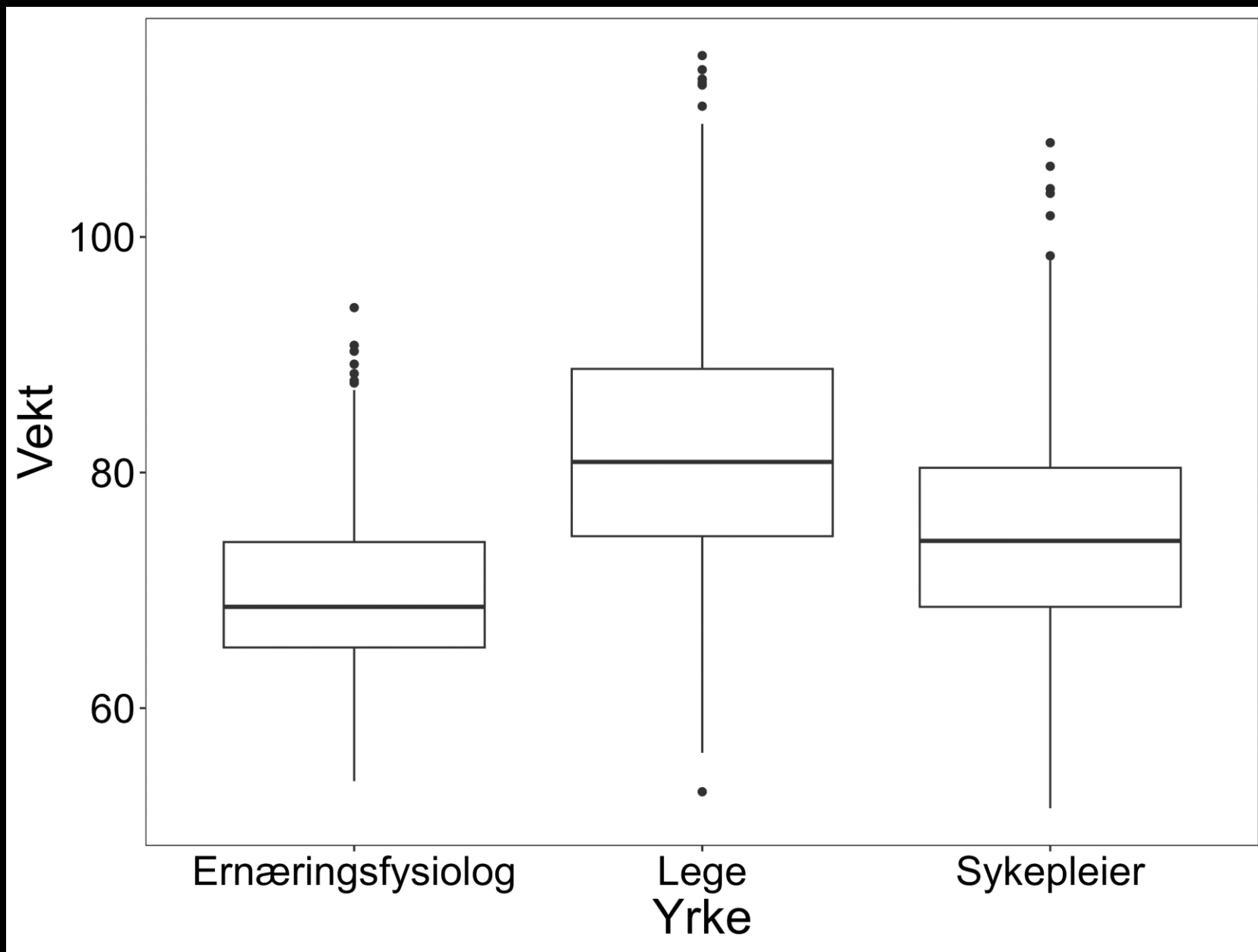
Noen tips

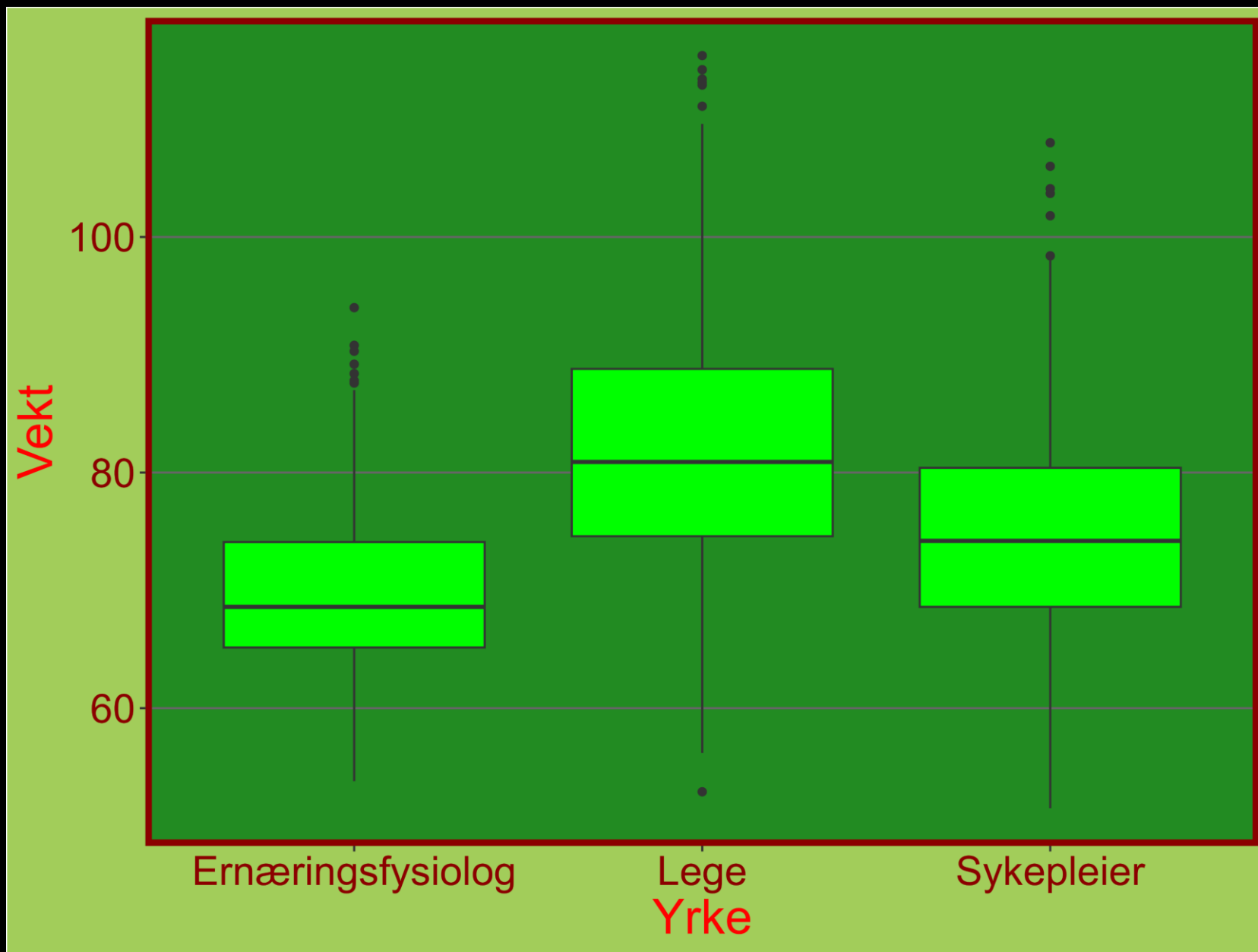
(Til deg som vil lære å lage skikkelig dårlige figurer)

• Kvinne • Mann

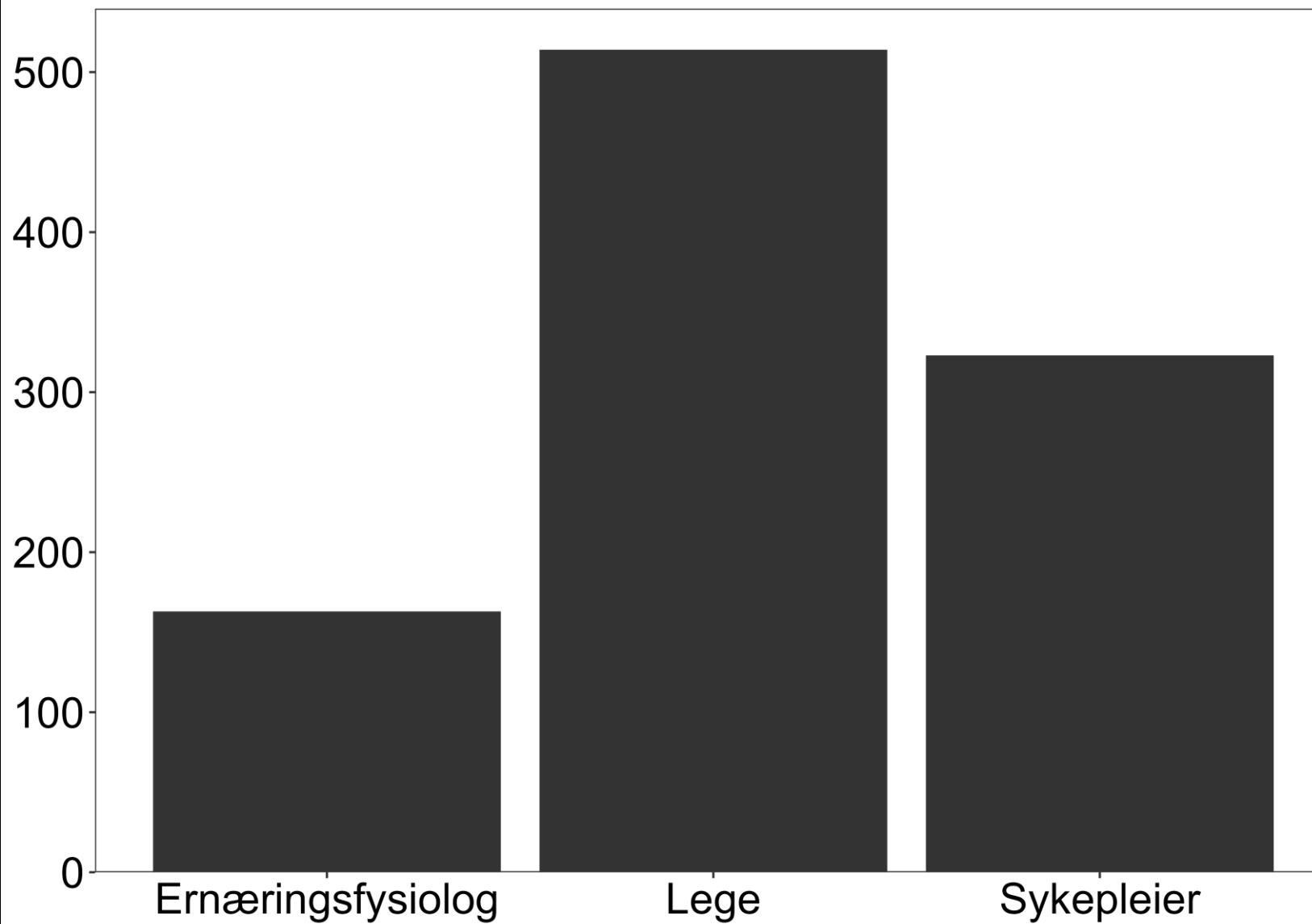






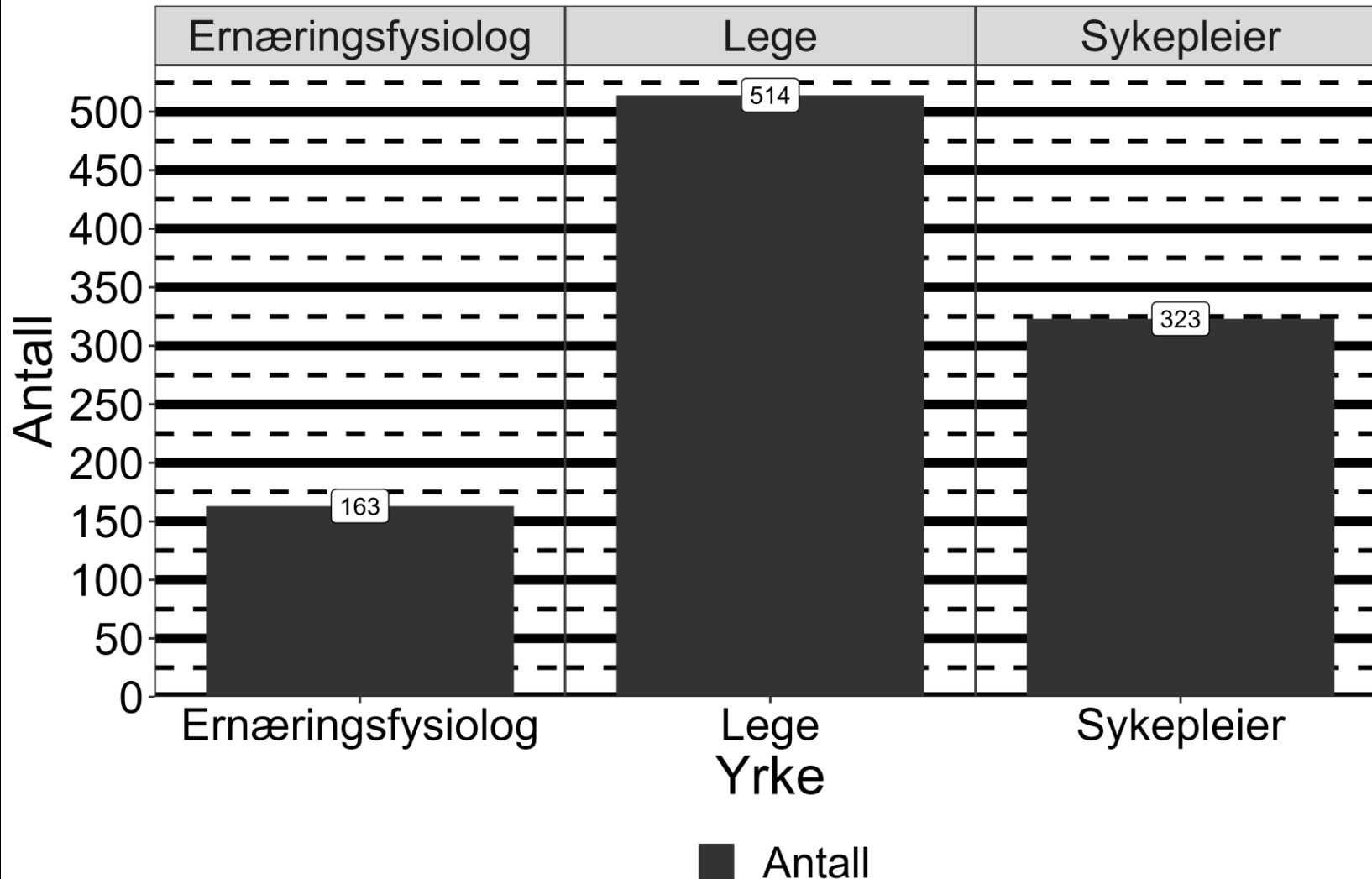


Antall yrkesutøvere

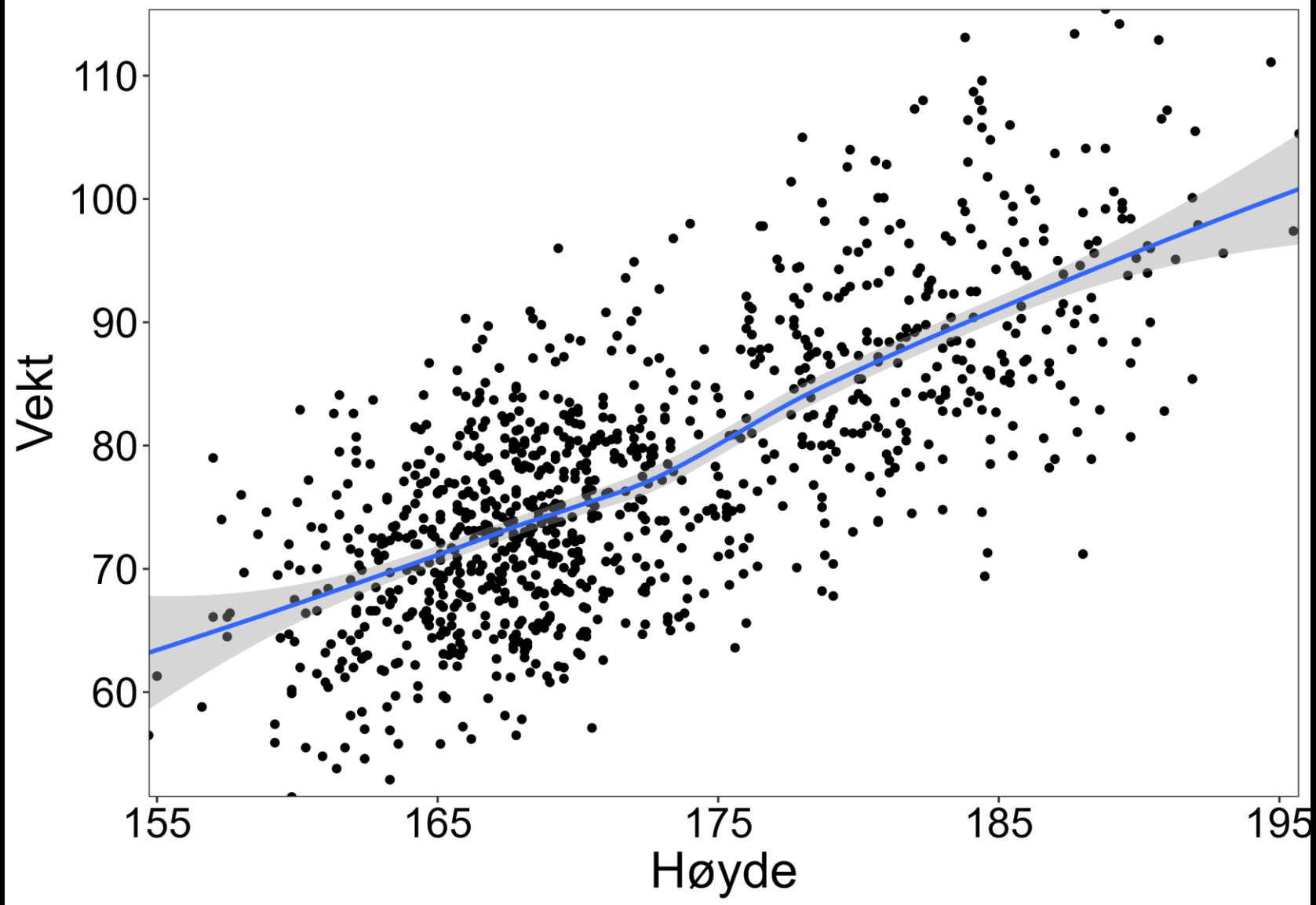


Antall yrkesutøvere

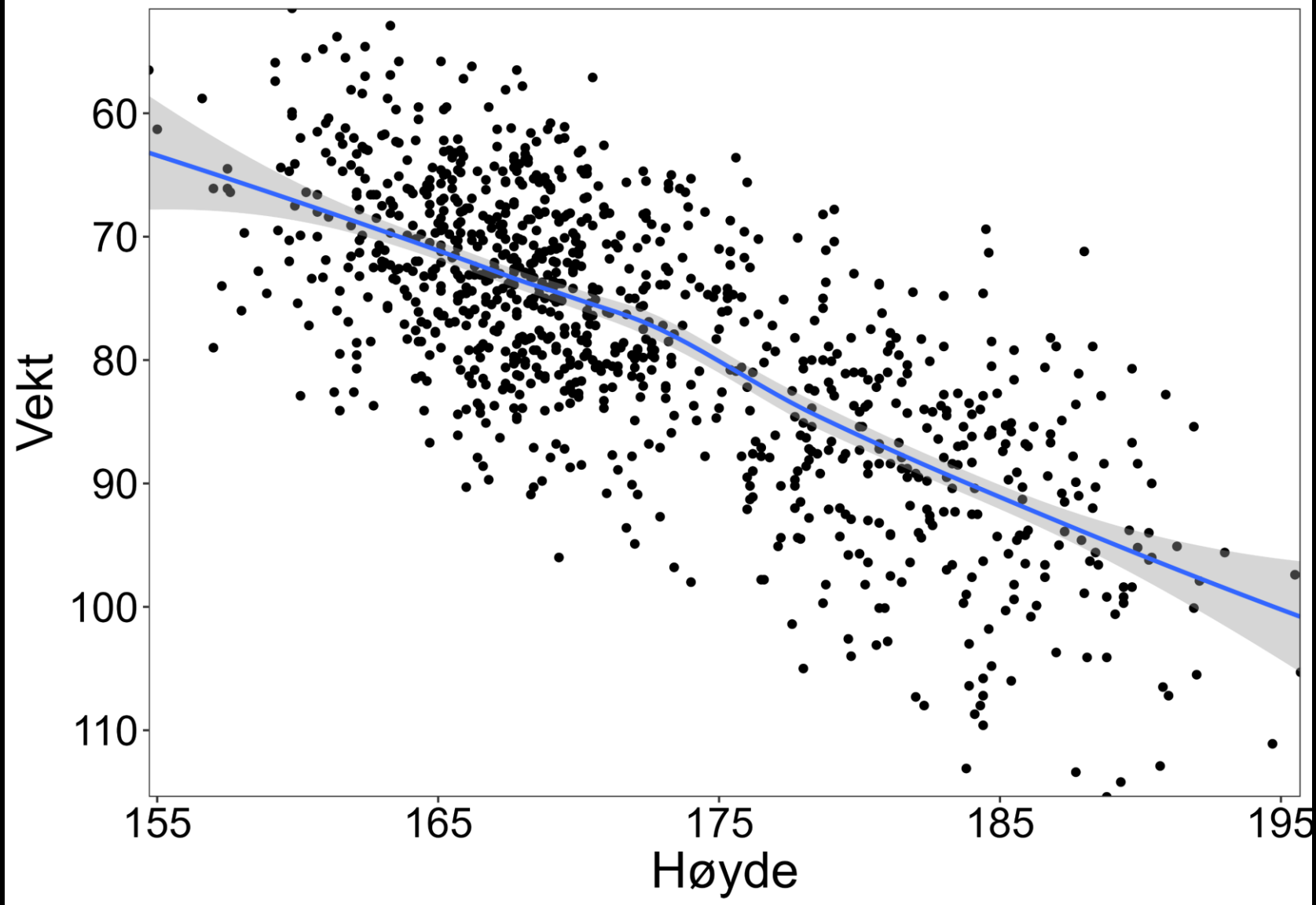
Fordelt på menn og kvinner



Sammenhengen mellom vekt og høyde

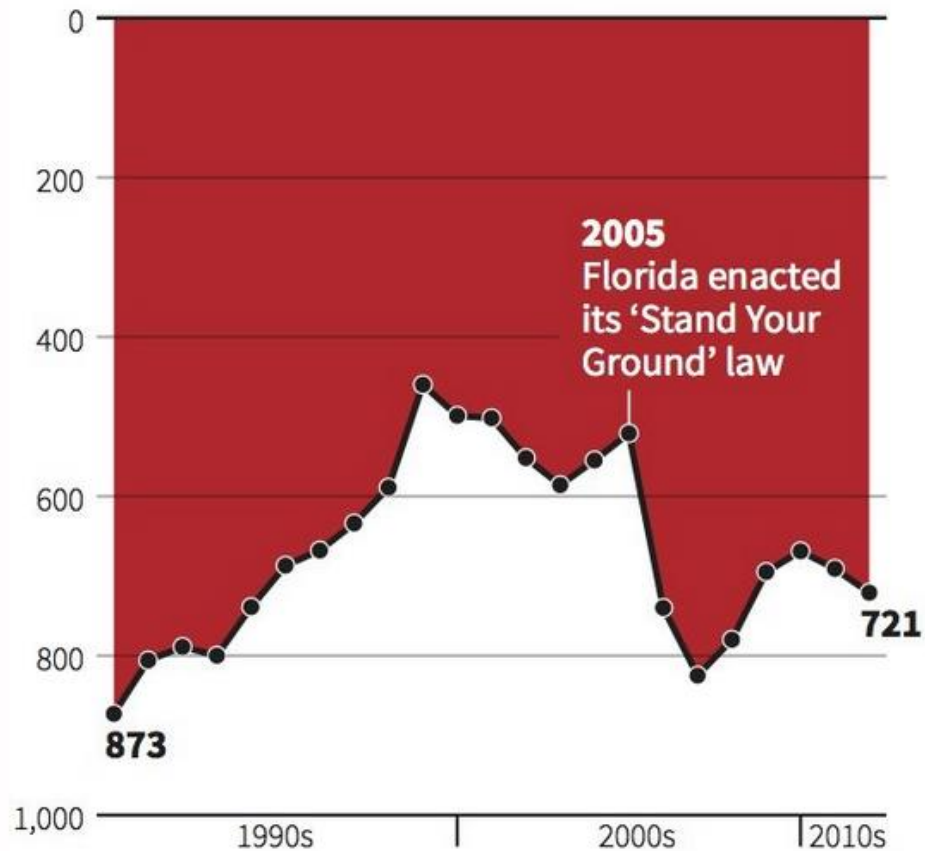


Sammenhengen mellom vekt og høyde



Gun deaths in Florida

Number of murders committed using firearms



Source: Florida Department of Law Enforcement

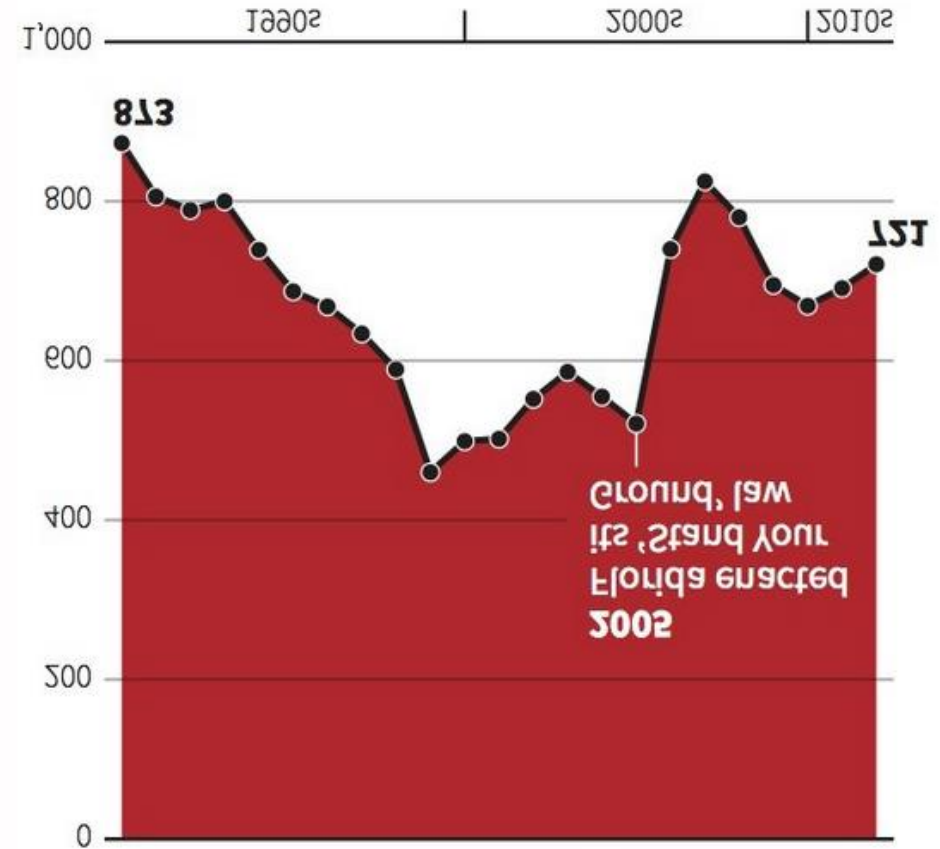
C. Chan 16/02/2014

REUTERS

C. Chan 16/02/2014

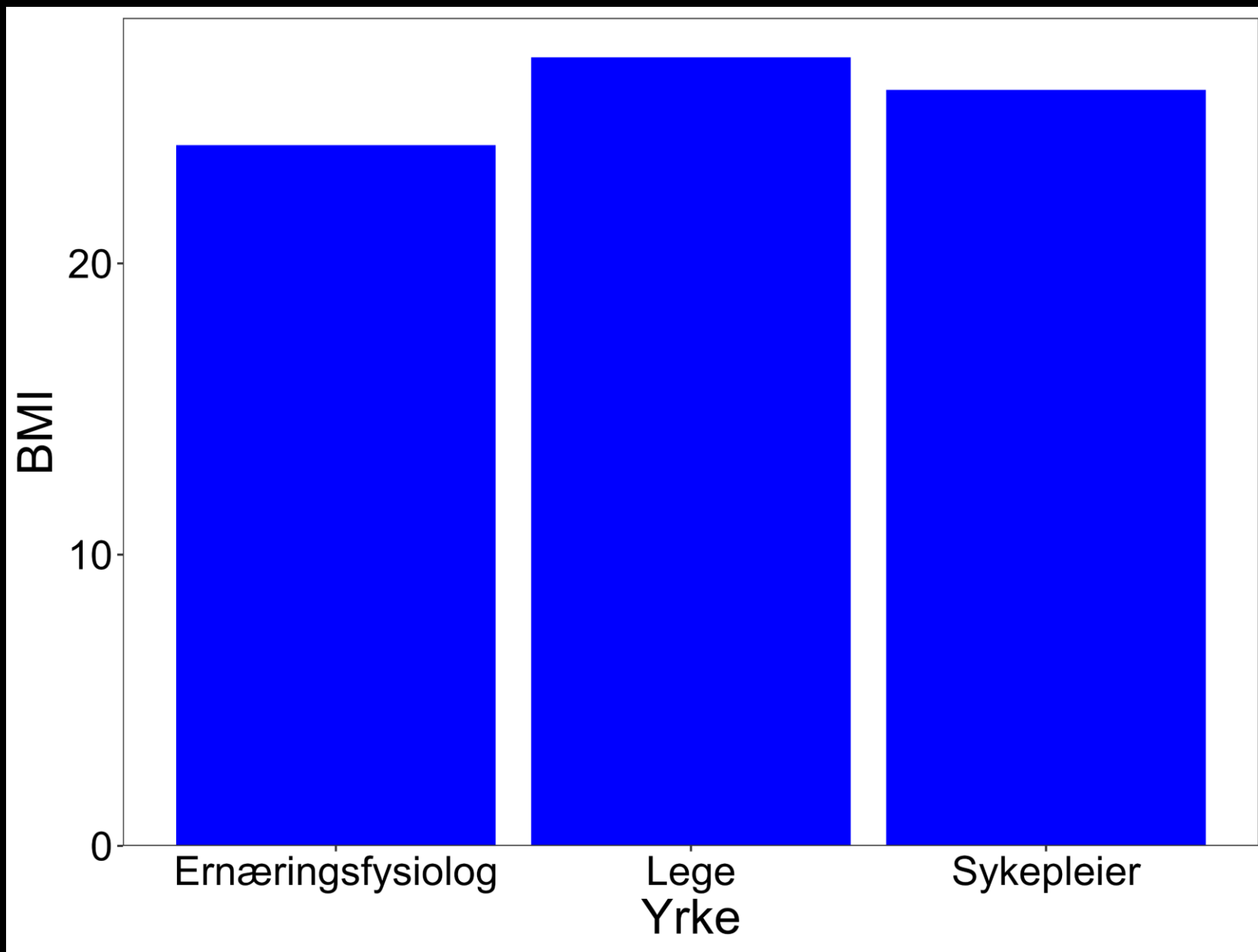
REUTERS

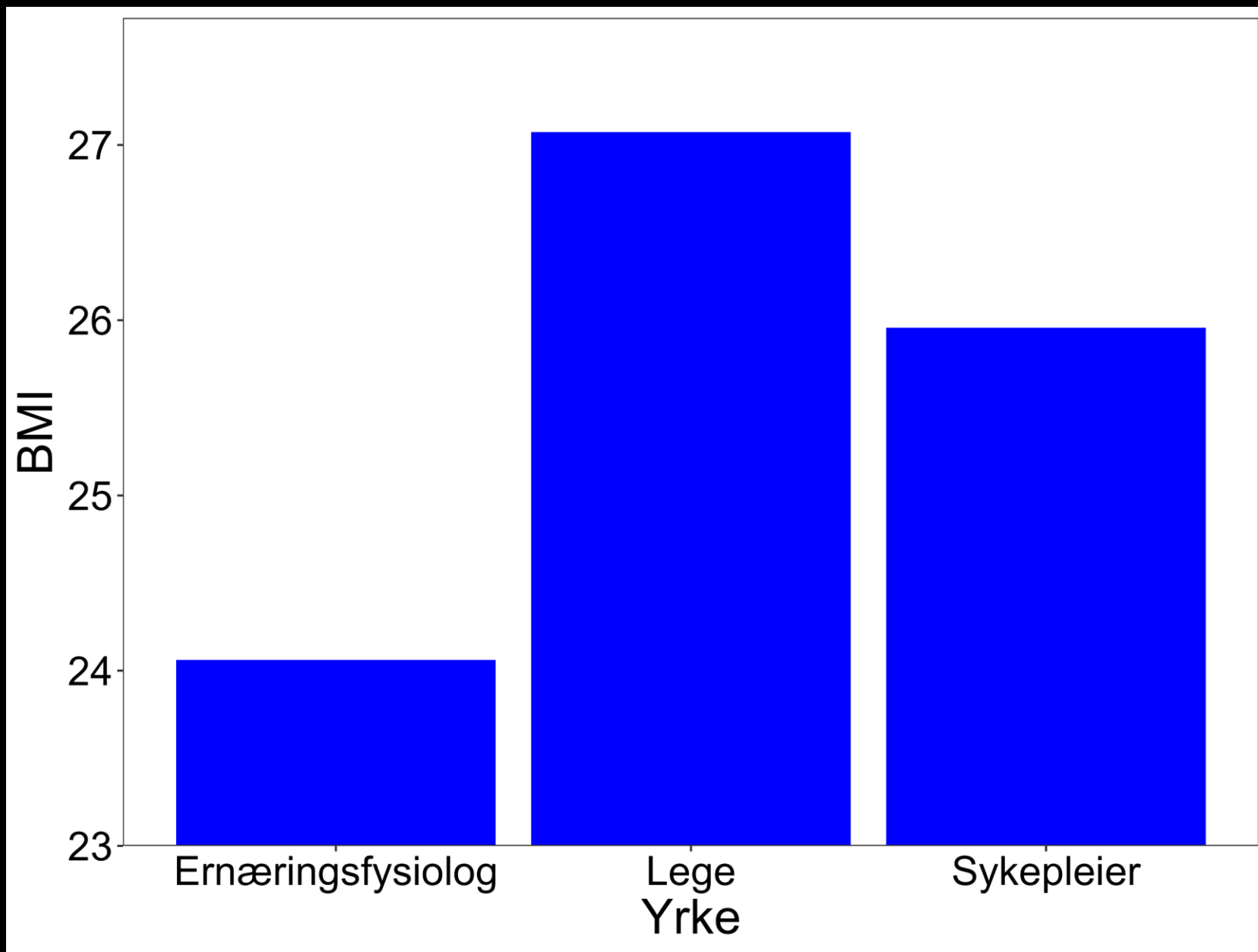
Source: Florida Department of Law Enforcement



Number of murders committed using firearms

Gun deaths in Florida



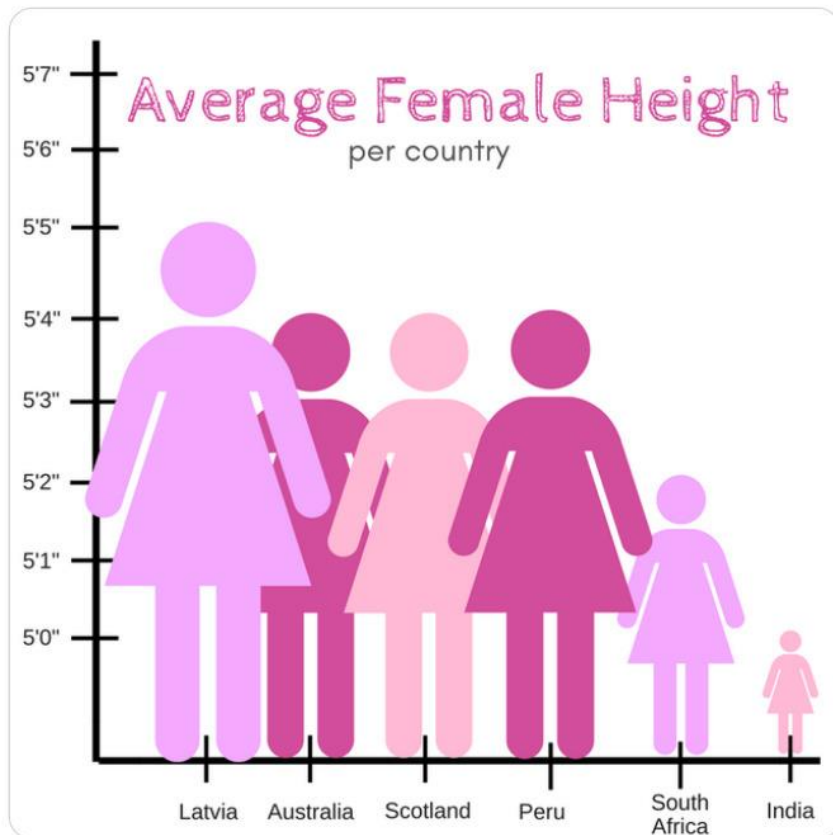




Sabah Ibrahim
@reina_sabah



As an Indian woman, I can confirm that too much of my time is spent hiding behind a rock praying the terrifying gang of international giant ladies and their Latvian general don't find me



10:58 PM · Aug 6, 2020



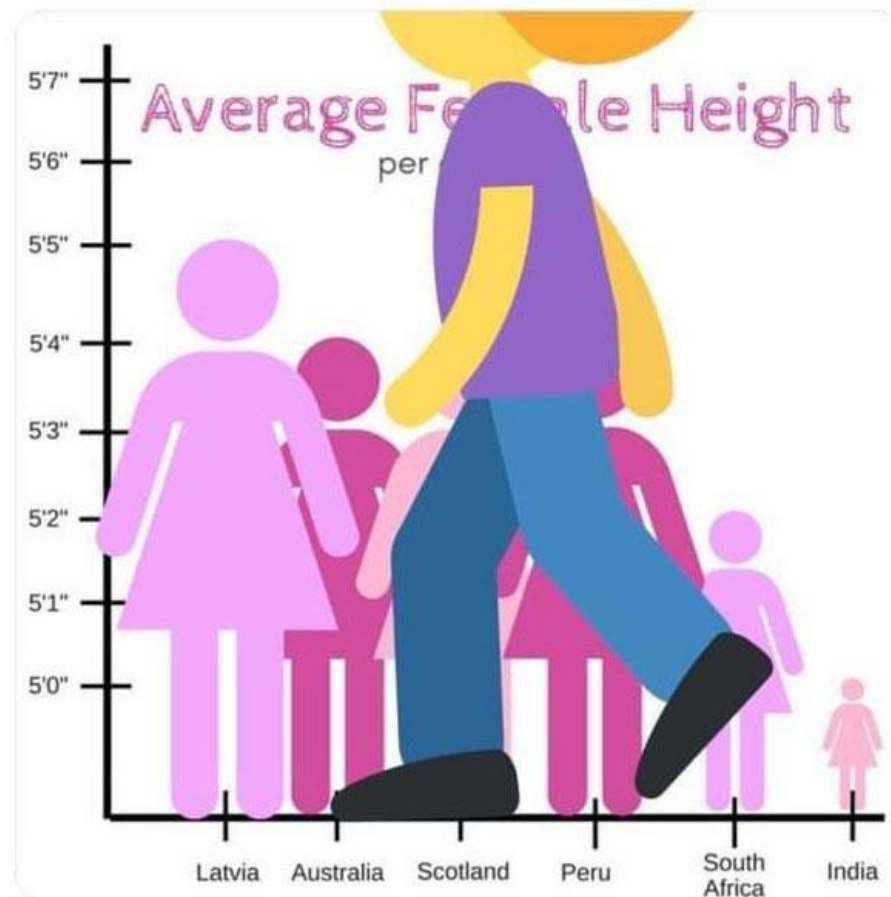
♡ 104.6K



Alex P
@alexmegami

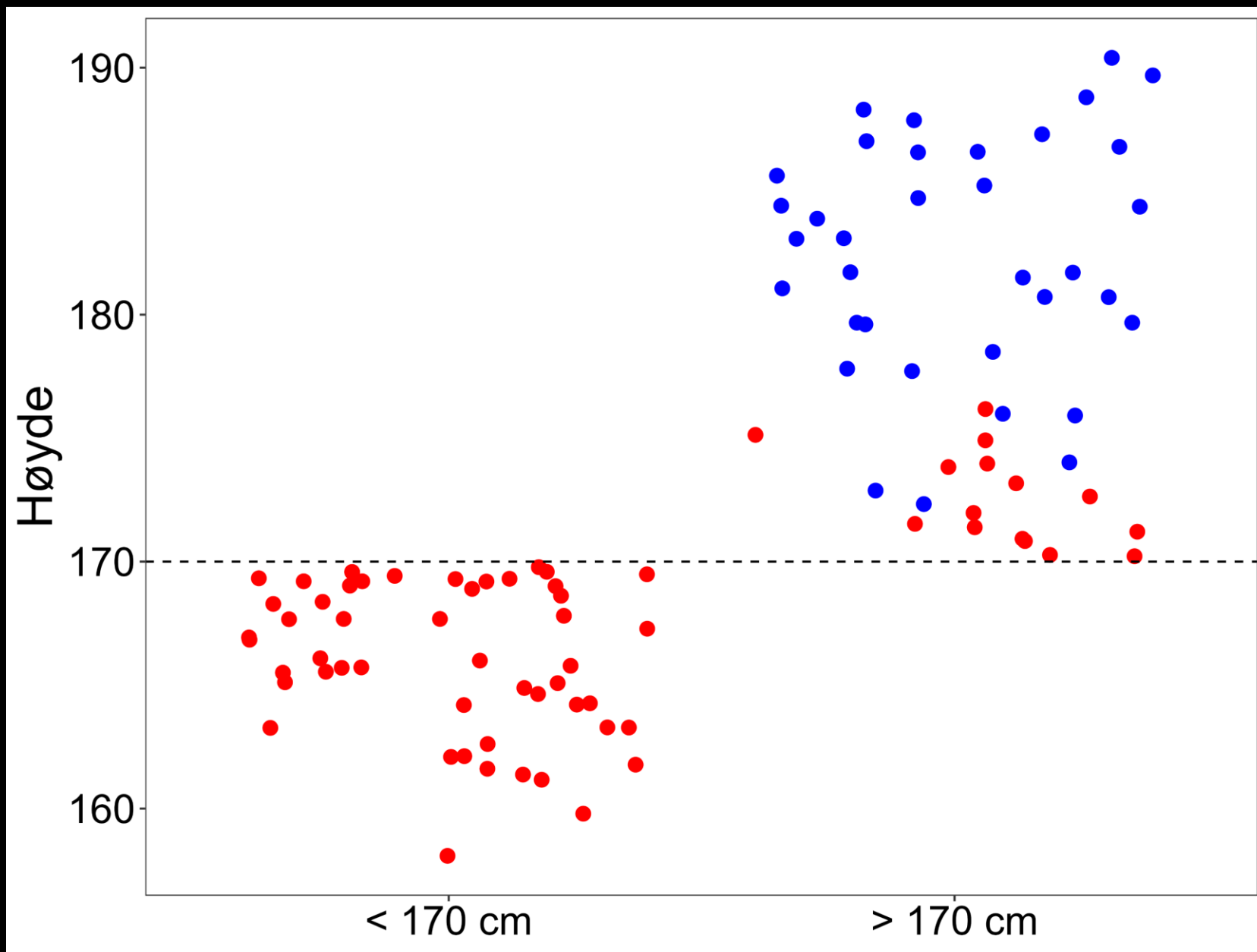


Excuse me while I put myself on this graph

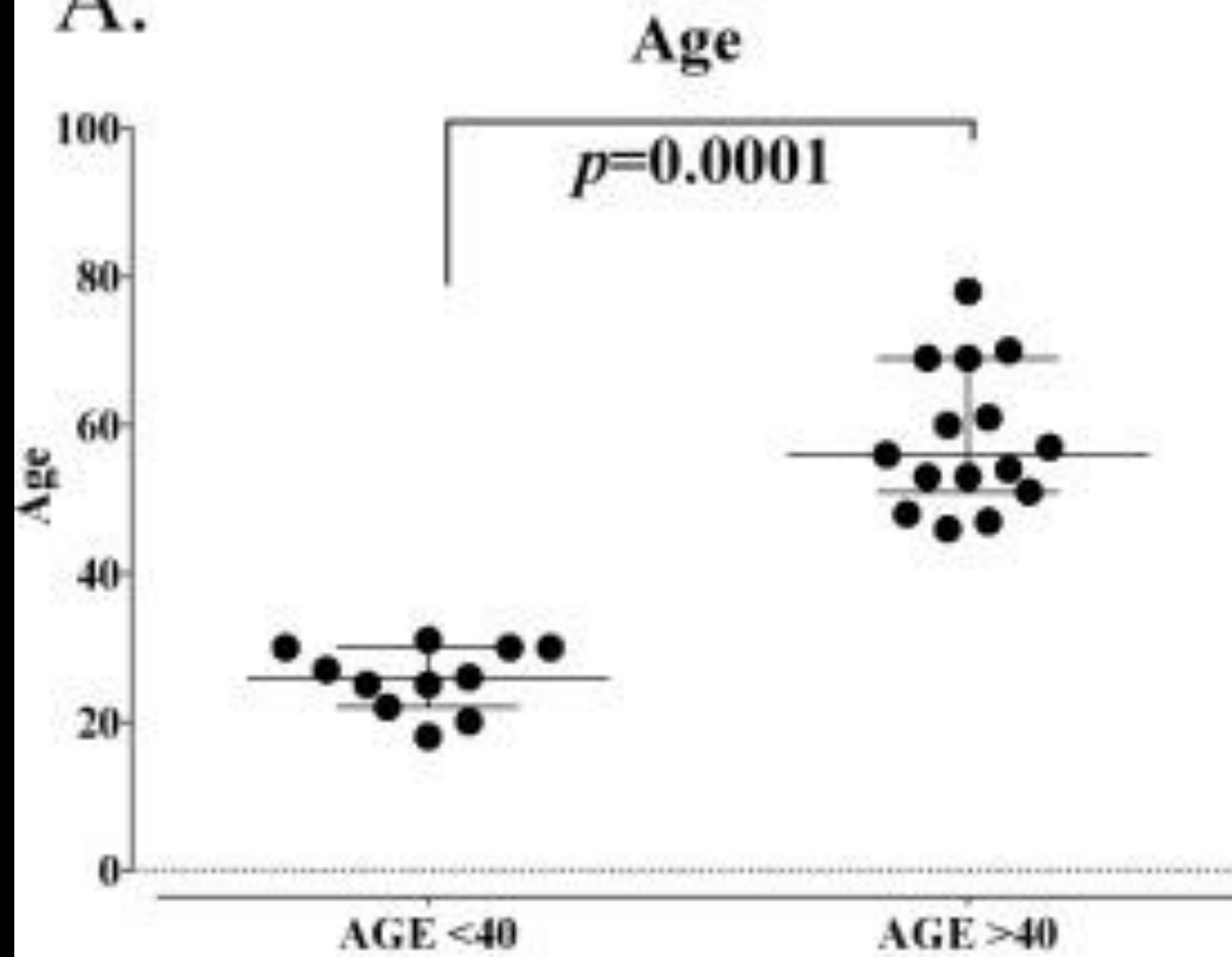


7:57 AM · Sep 28, 2020



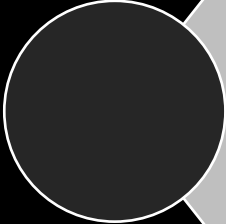


A.





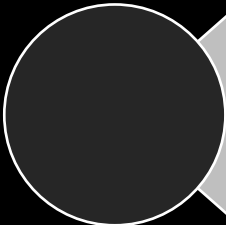
Tenk gjennom hva du vil formidle, og vis dette



Velg en visualisering som passer til formålet, og tenk gjennom hvilke estetiske og geometriske elementer du trenger



Fjern unødvendige elementer som ikke formidler data, og gjør figuren lettest mulig å lese



Fremstill dataene på en ærlig måte, tenk på hvordan figuren forstås av leseren