

EQUIGAIT

presents



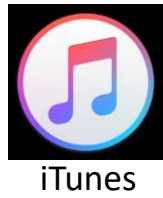
a truly mobile + cost effective solution
for measuring upper body movement
in the horse

What you need !

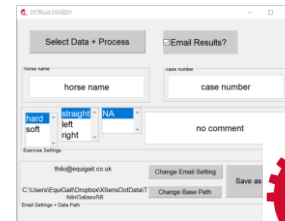
- 4x Xsens DOT sensors:
 - through EquiGait / Xsens



- Android or iOS phone:
 - with Bluetooth capability,
 - e.g.: Samsung Galaxy S9
iPhone 7



- Optional:
 - Android: DropBox / DropSync
 - iOS: iTunes / iMazing



- Windows laptop
- EquiGait Q_{DOT} software

Three easy steps to success

< 5 minutes

Step 1:
collect data

3x



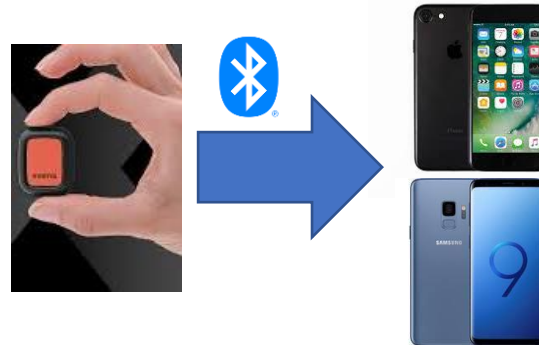
1x



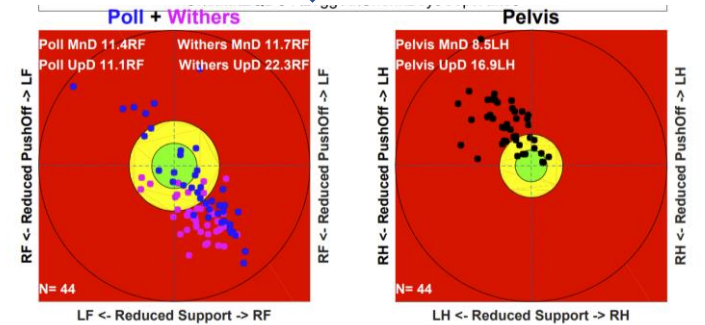
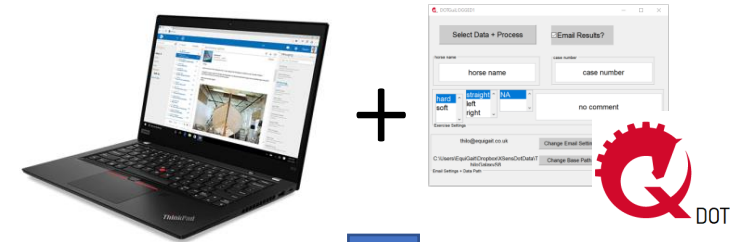
1x



Step 2:
transfer data



Step 3:
analyse data



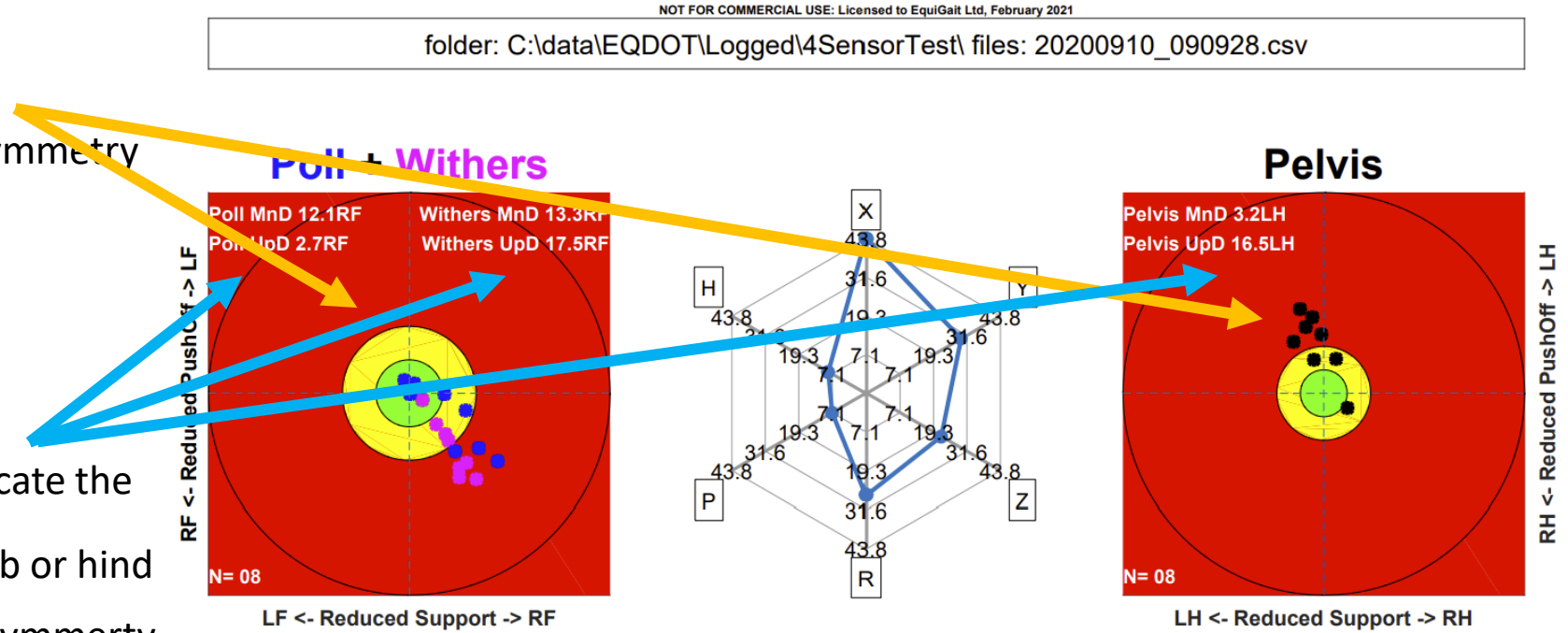
Intuitive and quantitative output

- 2x “target plots”:

- Visualize movement symmetry
- Green: highly symmetric
- Yellow: mildly asymmetric
- Red: moderate to severe asymmetry

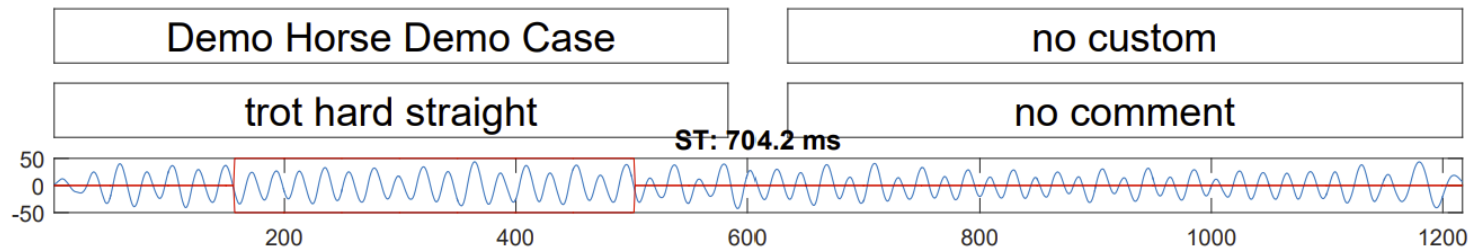
- asymmetry values in mm:

- for poll, withers and pelvis
- quantify weight support + pushoff
- labelled as ‘RF’, ‘LF’, ‘RH’, ‘LH’ to indicate the ‘weaker’ limb
- distinguish between primary forelimb or hind limb issues: inspect poll versus withers asymmetry



- possibility to:

- enter horse name or case number
- select exercise condition:
 - hard/soft surface
 - straight line / left or right circle
- add custom labels + comments



New: 6 degree of freedom back movement

- **Translational range of motion:**

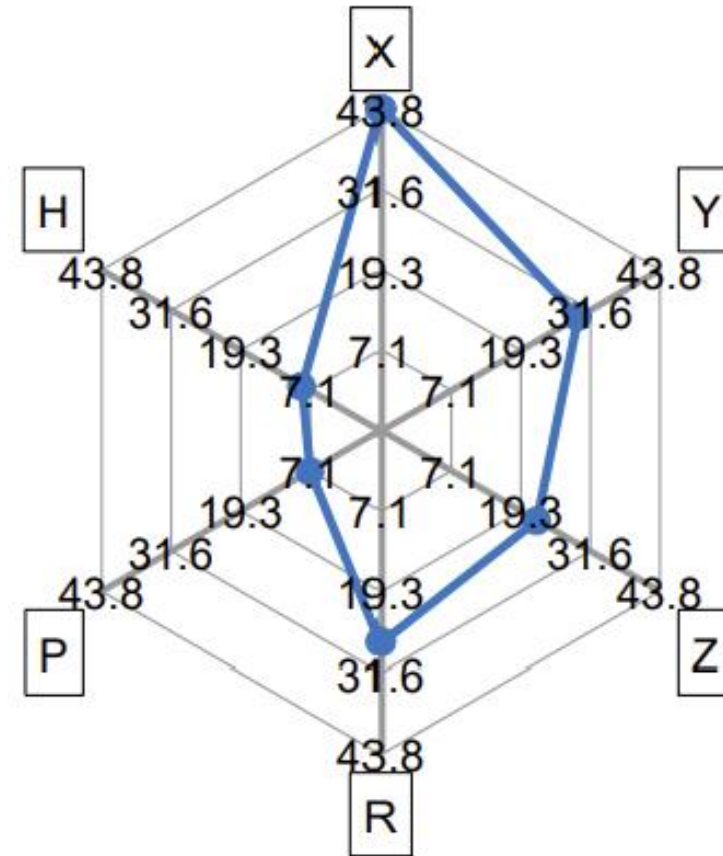
- X (forwards-backwards)
- Y (sideways)
- Z (vertical)

- **Rotational range of motion:**

- R (left-right **R**olling)
- P (flexion-extension **P**itching)
- H (lateral bend or **H**eading)

- **Lumbo-sacral movement:**

- mobility of an essential anatomical location
- in-hand, on lunge and **ridden**



'Before/After' Comparison

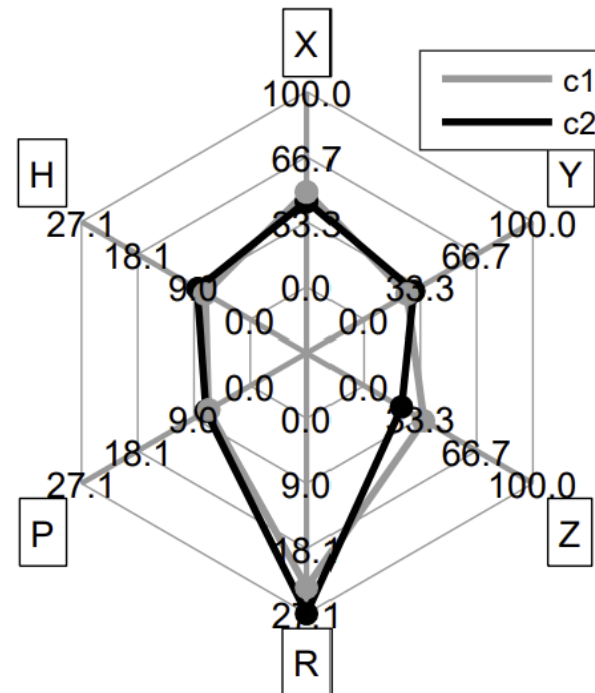
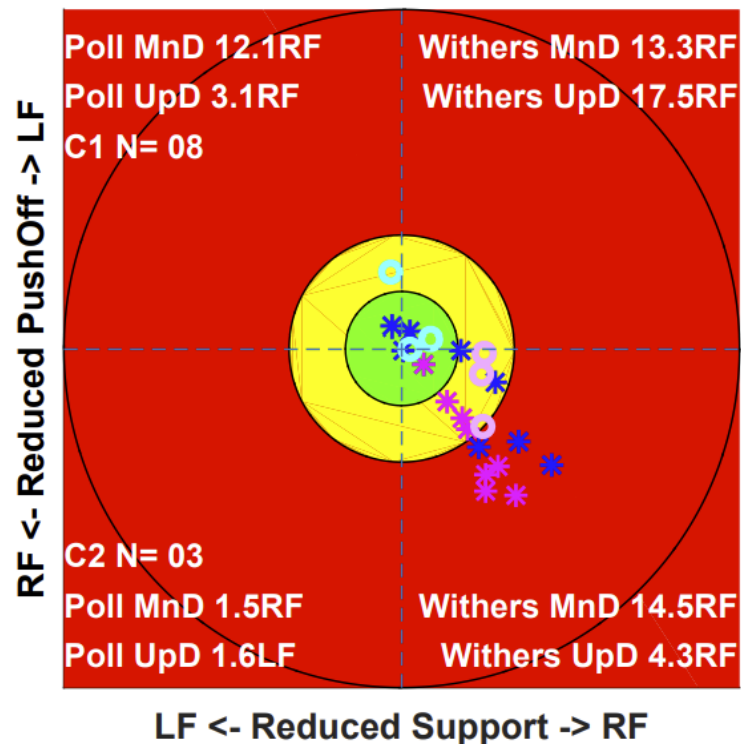
- **Color-coded output**

- Ease of interpretation

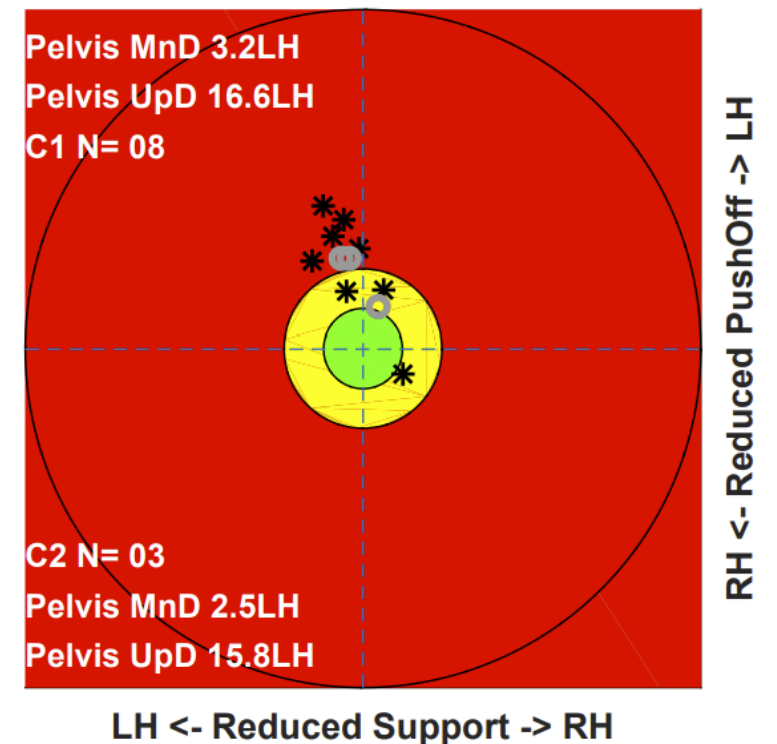
- **Numerical output**

- Evidence-based decision making


Poll + Withers



Pelvis



Why ?

- **EquiGait** is a trusted provider of clinical gait analysis solutions
-  : Low-cost, high accuracy quantification of clinically relevant parameters
- Output identical to high-fidelity **EquiGait**_{3,5,6,8}:
 - provide gait analysis setup for each vet in your practice/hospital:
 - long term information for ALL the horses in your care
 - 'baseline data' for comparison in case of lameness or poor performance
- Really simple setup:
 - basic data collection in minutes: activate sensors + start data collection via phone
 - analyse data when convenient (immediately or later)
- 'Real time' output in < 5 minutes for use in lameness workups
- Package prices from UK £2,500 (ex VAT), Software only from UK £ 500 (ex VAT) (June 2021)
- Interested? Contact us at: **info@equigait.co.uk**