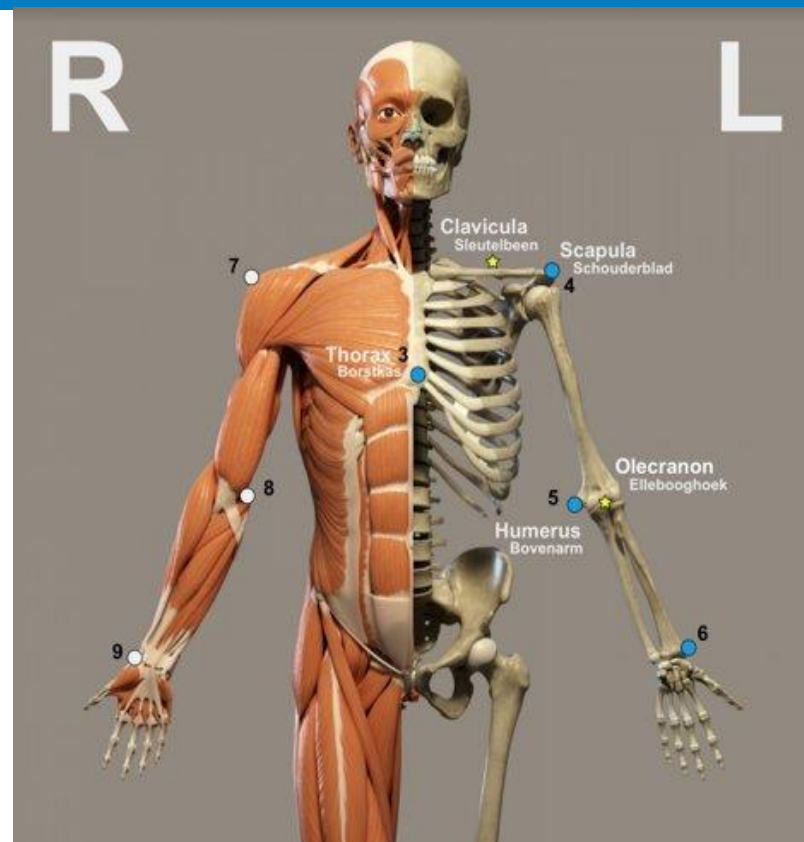


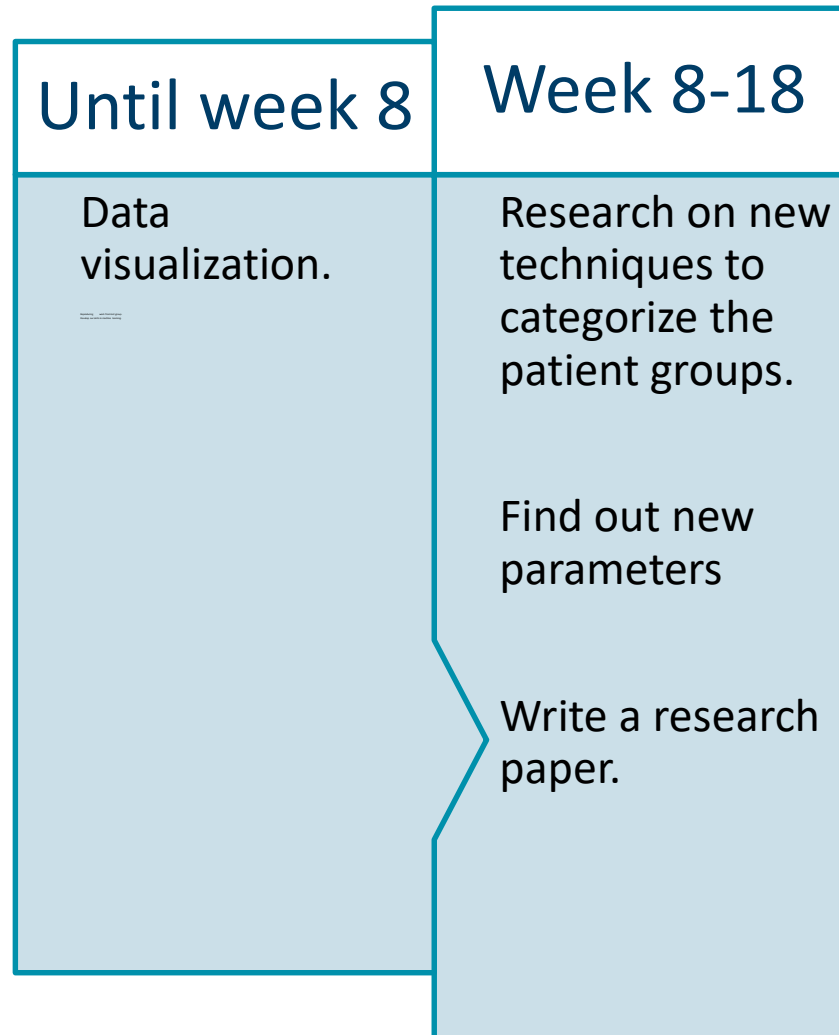
Ortho Eyes

Dr. Tony Andrioli

Raphael, Brice, Eddie, Hassan,
Arjun, Lennart, Rachelle



General plan



This sprint

- Issues:
 - Enrich the data
 - Detect anomalies in our data



Enrich our data for machine learning

Doing

✓ **136** Check if you can use both standard and free movement exercises for

AM Arjun Sardjoe M...

State ● Doing

✓ **139** Is the patientgroup 4 converted correctly?

RK Rachelle Kiepe

State ● Doing

✓ **142** Review matlab script

AM Arjun Sardjoe M...

State ● Doing

Done

✓ **137** Generate more data from one exercise

EV Eddie Versluis

State ● Done

✓ **138** Save location of raw data in the meta data

AM Arjun Sardjoe M...

State ● Done



Detect anomalies in our Data

Doing

✓ **99** Can we spot if a file is named after the wrong exercise

LK Lennart Koppen

State ● Doing

✓ **132** Detect double exercises in a file

BL Brice Lang-Ngu...

State ● Doing

✓ **133** Detect abnormal movement

EV Eddie Versluis

State ● Doing

✓ **134** Check if the idle at the start and end of an exercise is an anomaly

HA Hassan Ali

State ● Doing

Done

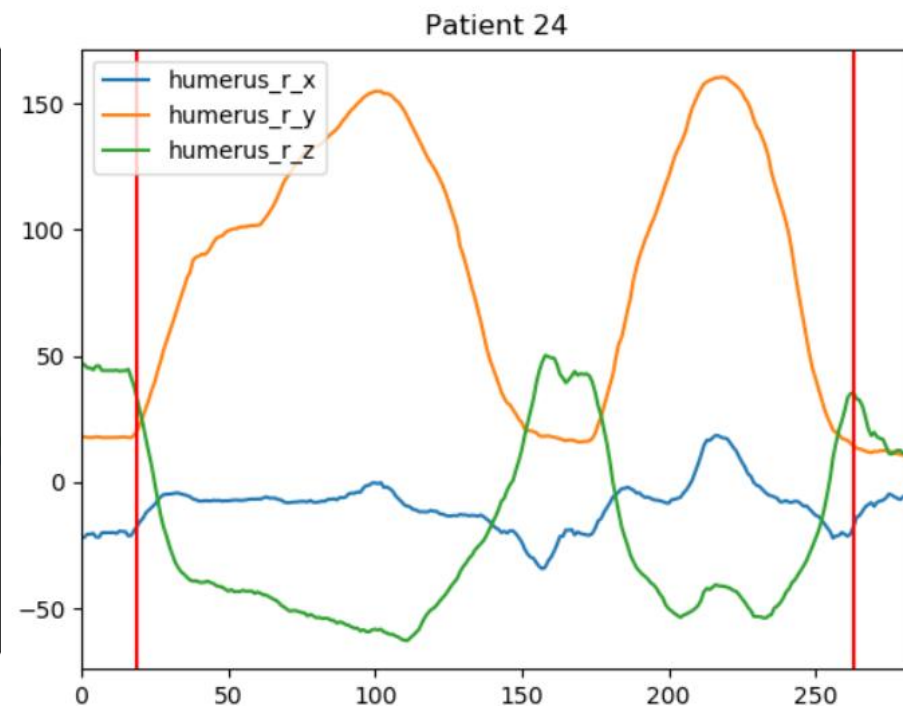
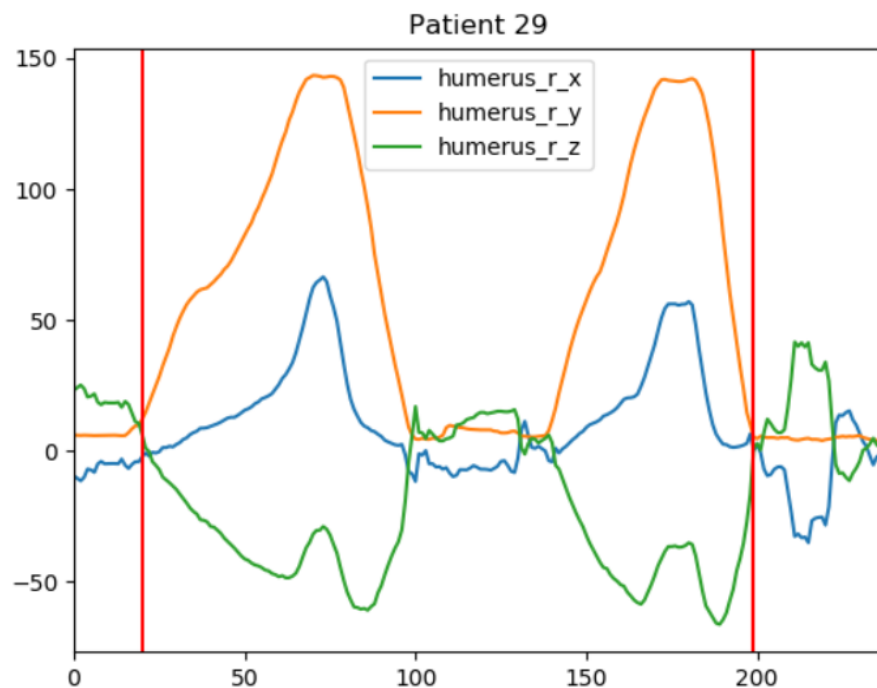
✓ **98** Check if we can spot flipped sensors

RP Rapahel Pickl

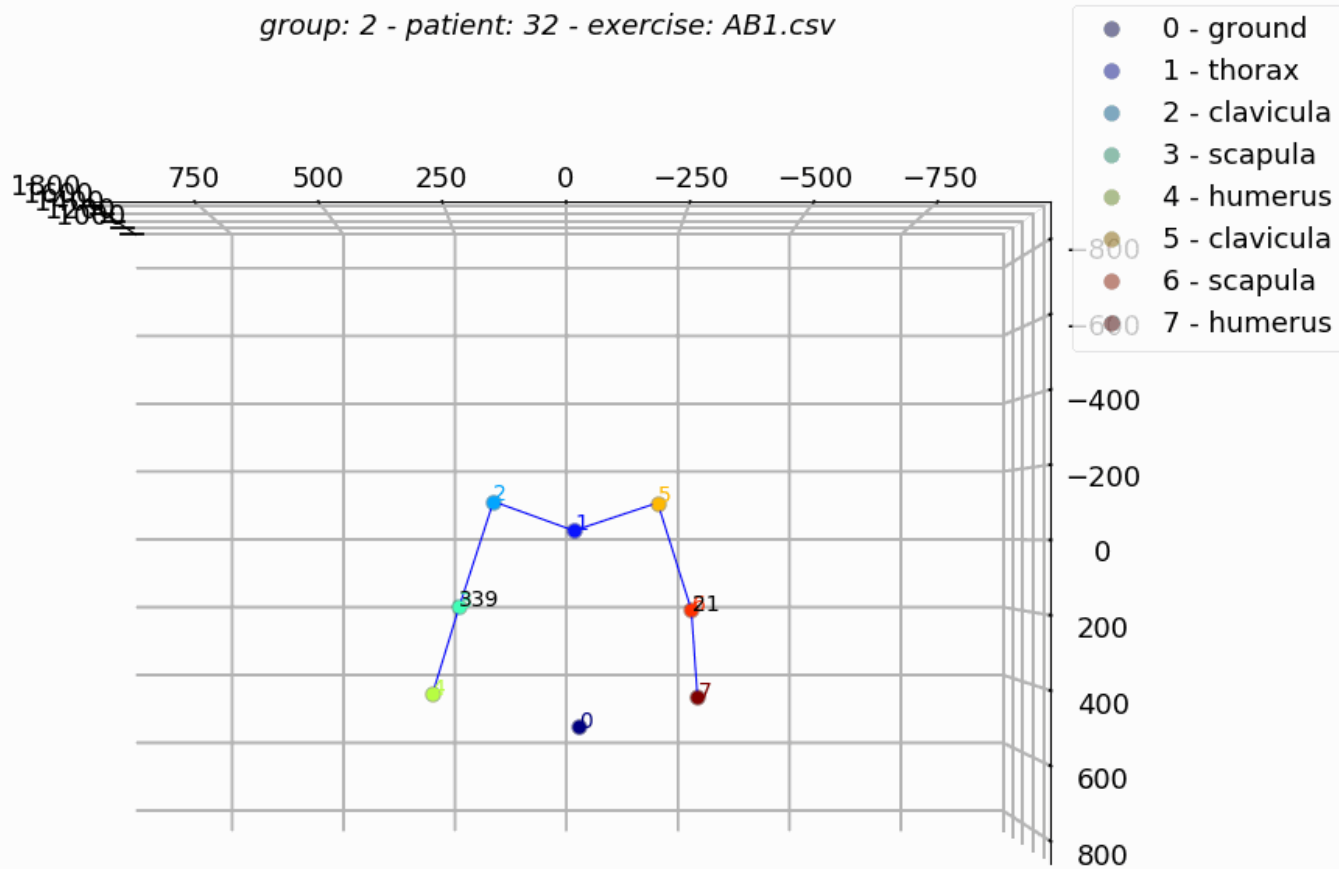
State ● Done



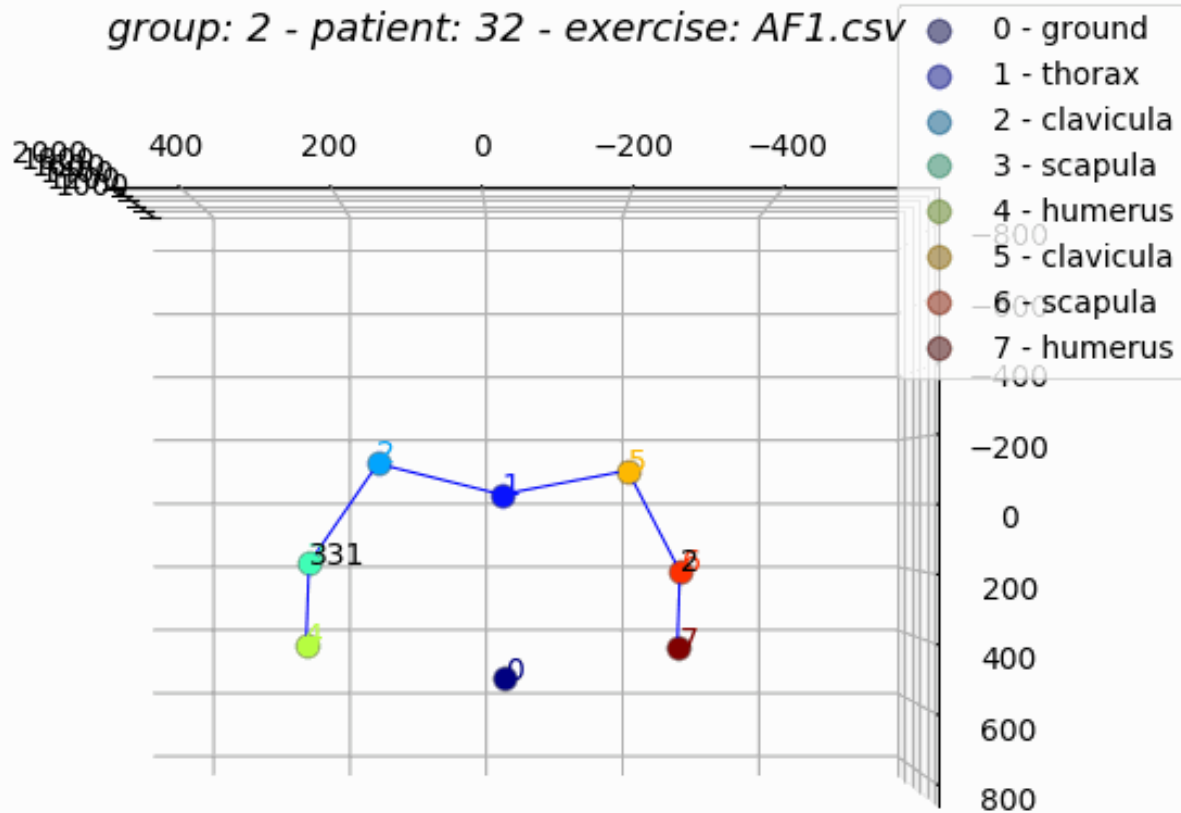
noise at the start and end of an exercise



Plot using the raw data



Plot using the raw data



What is next

- Finish the tasks for this sprint
- Start with data cleaning and getting rid of the anomalies
- Normalizing the data
- Resample the data to the same size



Questions & Suggestions

