

Leids Universitair  
Medisch Centrum

**THE HAGUE**  
UNIVERSITY OF  
APPLIED SCIENCES

# ORTHO EYES

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# General plan



## Until now

Reproducing work from last group.  
Develop our skills in machine learning.  
Waiting for the LUMC



## Next Week

Evaluate machine learning model with different configurations.  
Futher working with NN



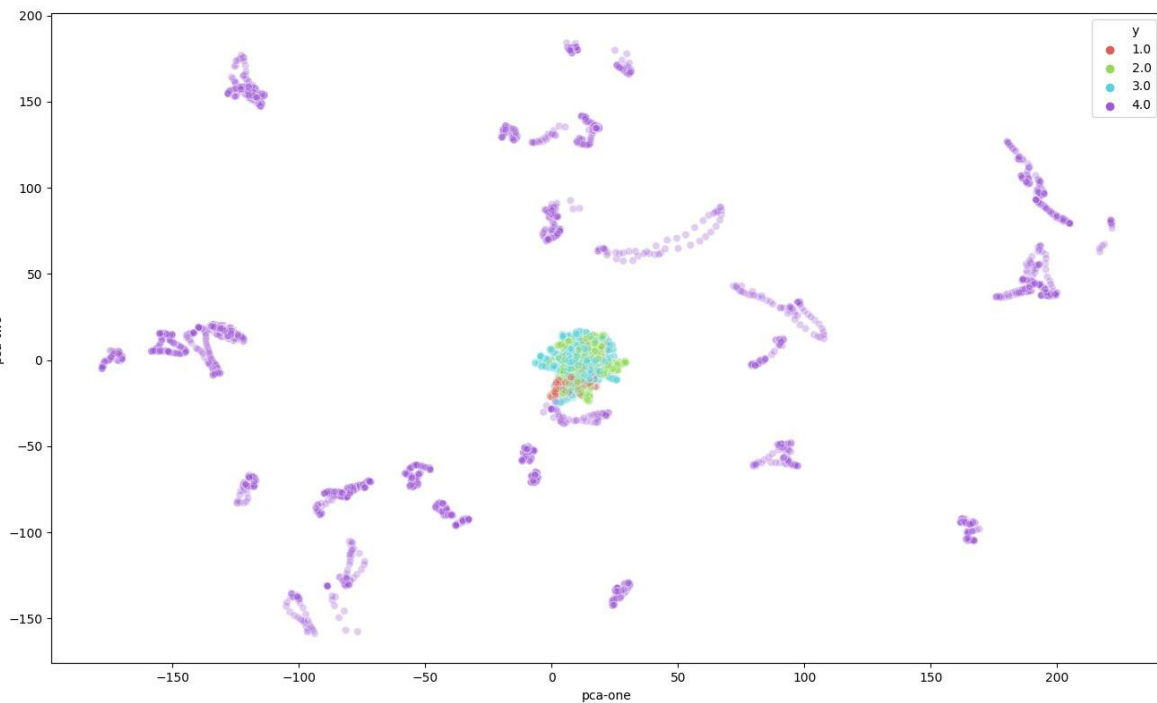
# LUMC

## Issues

- Conversion mm/inch
- Dummy data

## Plans

- Wait for LUMC
- Manually label correct data with physician



## Category 1-3

```
5 1159.07 217.88 244.23
-0.29 0.64 0.71
-0.15 0.70 -0.70
-0.94 -0.31 -0.11
```

```
4 1164.88 164.31 -12.95
0.64 -0.69 0.35
0.76 0.47 -0.45
0.14 0.55 0.82
```

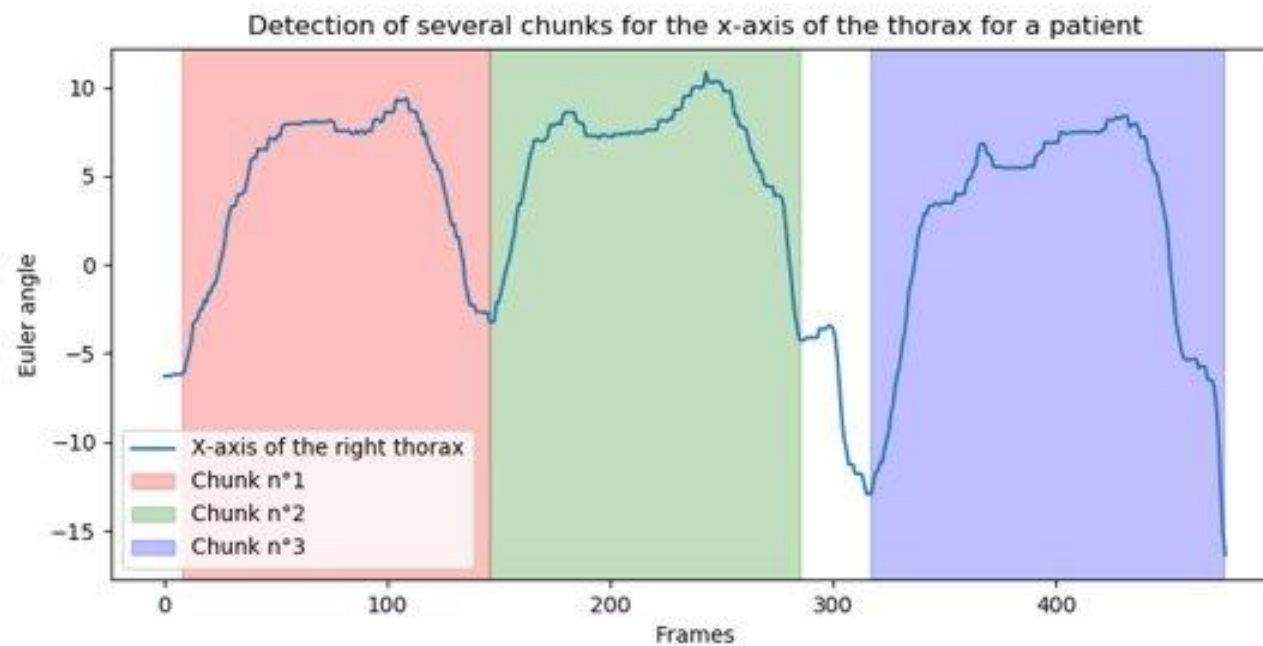
## Category 4

```
5 42.43 4.87 -3.11
0.767 0.576 -0.283
-0.522 0.816 0.246
0.373 -0.042 0.927
```

```
4 42.43 7.98 4.38
0.328 0.092 0.940
-0.796 -0.509 0.327
0.509 -0.856 -0.094
```



# Splitting data-set



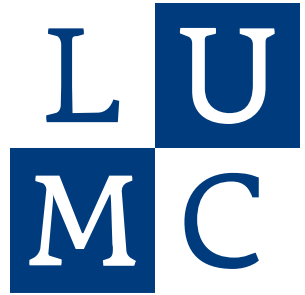
Group	Combinations
Before	1856
Ater	3437

Group	1	2	3	4
Exercises	300	218	186	176
N Splitted	1	174	171	1



# This week

- Run all configurations for Linear Regression
- Continuing with NN
  - CNN
  - LSTM



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Questions?