Ortho Eyes Tony Andrioli

- Kasper van der Hoofd
- Vincent van den Oord

- Rogier Zitman
- Luke de Keijzer

Analysis

3

Vergelijken en analyseren van

datasets en methoden

resultaten van de verschillende

Epic

Self Development Modelling 2 Epic Epic Data van meting begrijpen Supervised cleaned data ☑ 0/1 Epic Epic Leren over data science (DataCamp, Unsupervised cleaned data etc...) ☑ 0/1 ☑ 3/13 3.1 Neurale netwerken (deep learning)

■ ☑ 0/2

What have we done this week?

- Started plotting theta
- Created a classifier on patient level (82% accuracy between cat 2 & 3)
 - Too good to be true? (overfitting?)
 - Possibly not enough patients

We have to figure out how we will check this

Manipulating input parameters (polynomial regression)

Techniques that can prevent overfitting of neural networks:

- We are researching convolutional networks
- Dropouts

Our planning for next week

- Implementing polynomial regression (with manipulated variables)
- Finish plotting theta

Continue researching techniques that can prevent overfitting of neural networks:

- We are researching convolutional networks
- Try working with dropouts

Our planning for next week

- Research possibilities for making dummies
- Neural network
- Studying for the test!

Questions for you

- Are there any other groups that want to discuss the practice test together with our group next monday?
- Are there more groups who have the need for a 'Wrap up' (summary)
 as a preparation for the test?