



ResNet
classification CNN

classification_data.csv

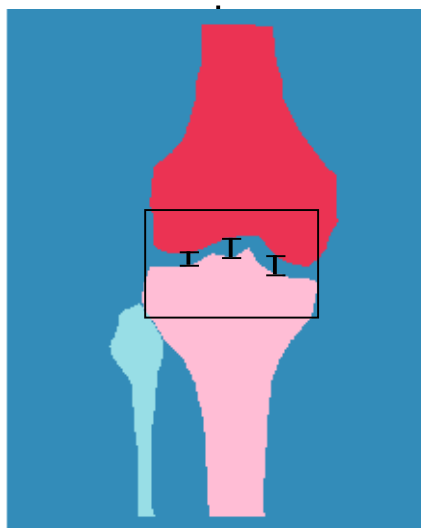
- Kellgren-Lawrence Grade from 0 to 4
- Presence of Osteophytes
- Ratio of joint space to widest portion of tibia
- Center alignment of patella
- ...

Dynamic U-Net



Prediction Tensor

Matrix Algebra with
PyTorch, NumPy



joint_data.csv

- Average joint space distance
- Ratio of right and left side joint space
- Ratio of joint space to widest portion of tibia
- Center alignment of patella
- ...