

Predict Parkinson Disease using wearable data

Aloi Alfredo, Riccio Francesco

December 3, 2021

textcomment

Abstract

This is a project for the Deep Learning course held in the Master Degree in Computer Science of Università degli Studi della Calabria.

Contents

1	Introduction	3
2	Task 1: next value prediction	4
2.1	Data understanding	4
2.2	Data preparation	4
2.3	Modeling	4
2.4	Evaluation	4
2.5	Finding better parameters	4
2.6	Conclusions	4
3	Task 2: anomaly detection	5
3.1	Data understanding	5
3.2	Data preparation	5
3.3	Modeling	5
3.4	Evaluation	5
3.5	Conclusions	5

1 Introduction

Introduction about the project in general...

2 Task 1: next value prediction

General description about the task...

2.1 Data understanding

Description about the data...

2.2 Data preparation

All the steps: normalization etc.

2.3 Modeling

Model description

2.4 Evaluation

Talking about evaluation and results

2.5 Finding better parameters

Talk about searching for best window size and shift

2.6 Conclusions

conclusions about this task

3 Task 2: anomaly detection

General description about the task

3.1 Data understanding

Description about the data...

3.2 Data preparation

All the steps: normalization etc.

3.3 Modeling

Model description

3.4 Evaluation

Talking about evaluation and results

3.5 Conclusions

conclusions about this task