# Metrics

April 10, 2023

## 1 Versuch 1 Calculations

```
[]: import sys
sys.path.append('...')

from src.utils import Metrics
from src import DataLoader
```

#### 1.1 Load Files

```
[]: hypothesis_1 = '../data/data_v1/newstest.hyp1'
hypothesis_2 = '../data/data_v1/newstest.hyp2'
hypothesis_3 = '../data/data_v1/newstest.hyp3'
reference = '../data/data_v1/newstest.en'
```

```
[]: hypothesis_1_dl = DataLoader(hypothesis_1)
    hypothesis_2_dl = DataLoader(hypothesis_2)
    hypothesis_3_dl = DataLoader(hypothesis_3)
    reference_dl = DataLoader(reference)
    hypothesis_dl = [hypothesis_1_dl,hypothesis_2_dl,hypothesis_3_dl]
```

```
[ ]: metrics = Metrics()
```

## 2 PER.

```
PER Score:
0.25061086676440536
PER Score:
0.2557643609222977
```

```
PER Score: 0.4657988656389296
```

## 3 WER