

## Exercise Sheet 3: Sequence Models

January 12, 2023

- 1) Neural Network
  - a) feed-forward network (using python package *pytorch*) ...
  - b) embeddings instead of one-hot encoding ...
  - c) t-SNE for embeddings ...
- 2) CNN ...
- 3) LSTM ...
- 4) Transformer ...
- 5) Temporal Fusion Transformer from `pytorch_forecasting` ...