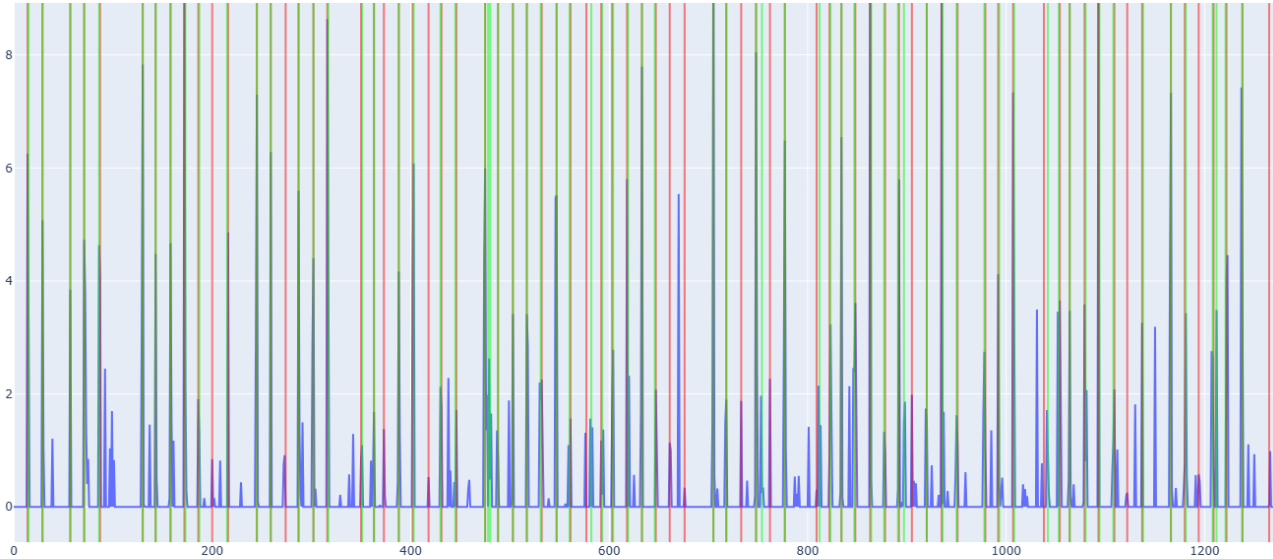


Team C

by Tobias Halmdienst, Jakob Seibezeder, Theresa König



Tempo Estimation

- Autocorrelation function on learned onset function
- Experiments with spectral flux

Onset detection

- CNN architecture
 - 4 convolutional layers
 - Max Pooling, Batch Normalization, GELU activation
- Weighted loss in training
- Custom peak detection
 - Constant threshold
 - Moving average smoothing

Beat detection

- CNN architecture (same as for onsets)
- Weighted loss in training
- Experiments with multiple agent beat detection algorithms