Manually annotated time series data contains many examples that are similar in input space but have different labels.

A common approach to time series labelling is sliding a convolutional neural network along the time dimension.

Even small amounts of systematic or random label noise have a noticeable impact.

MAPS is a database of classical piano music, played with virtual instruments, aligned to MIDI.

The time resolution of the annotation is high, annotations are as precise as it gets.

We define 6 labelling functions, causing different amounts of label noise, due to quantization errors.

We measure their impact on the framewise F-measure with respect to a reference labelling.