

Time domain analysis continued, quality assessment and segmentation

1. Segment the signals into 10 s non overlapping segments. (bonus task: create overlapping segmentation.)
2. Compute ensemble averaged waveform of the heart beats (align found beats from maxima plot all of them in figure and sample wise averaged waveform i.e. ensemble averaged).
3. Compute time intervals from ensemble averaged waveform. Try to find t-wave from ECG and the diastolic peak from PPG.