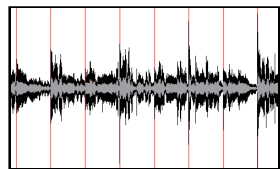
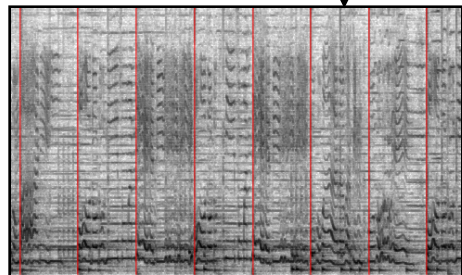


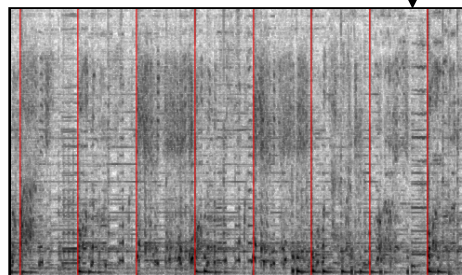
Pre-processing



(a) Audio



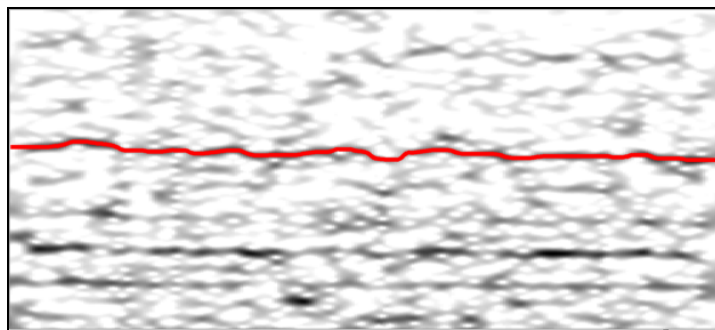
(b) Spectrogram



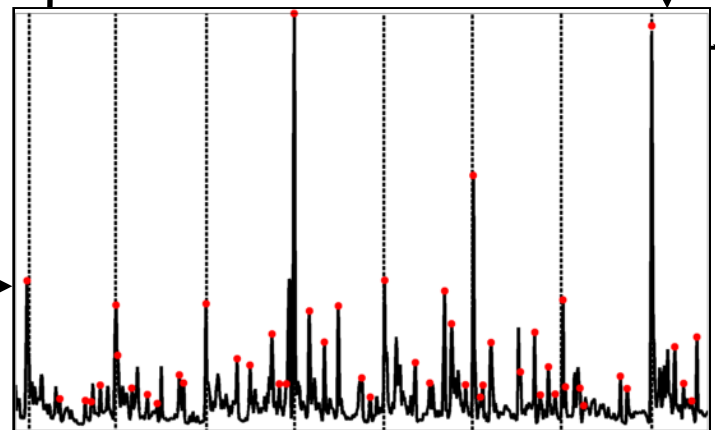
(c) Percussion enhanced Spectrogram

Percussion enhanced audio

Akṣara period and pulse tracking



(d) Tempogram with APP curve



(e) Onset detection function, estimated Akṣaras

Onsets, Akṣara pulse period curve, Akṣara pulse locations

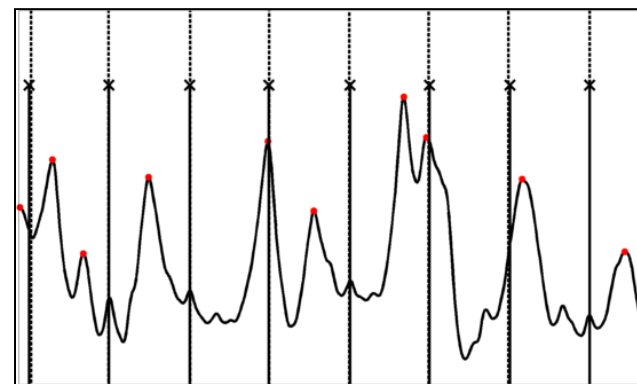
Sama Tracking

Novelty function estimation

Tāla structure

Sama Candidate estimation

Candidate selection and induction



(f) Novelty function, the sama candidates and estimated sama instants

Novelty function, Sama candidates, estimated sama locations