EMG

ACC

Noise Elimination
50 Hz notch filter
60 Hz high pass filter
Smoothing
Absolute value integration
200 Hz re-sampling

Ajusting the infra-threshold level to skim off supernatant waves
Amplitude of vibration from Y-axis mandibular accelerometer
Mandibular vertical movement with EMG activity, but not lateral movement
Remaining EMG activity with lateral mandibular movement

Original Data from EMG

Original Data from ACC

Tapping
Clenching
Grinding