filename: /home/leon/Data/Penn/Nov˙12/data
Plots where the magnitudes are multiplied by 10log10

Spectrogram for Channel 1

Frequency (Hz)
100
50

Time (sec)
0 20 40 60 80 100 120 140 160 180 200

Force Sensor Input subsampled to 256 Hz

Force Units
2
0
-2

0 20 40 60 80 100 120 140 160 180 200

Raw Data

Volts
0.02
0
-0.02

0 20 40 60 80 100 120 140 160 180 200
Time(s)

Beta band (average power at 12-30 Hz) for all channels, aligned to falling edge

Channels
60 50 40 30 20 10

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

-260 -250 -240 -230 -220 -210 -200

Force [Force Units]
0.8 0.6 0.4 0.2

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4
Time[s]

Beta band (average power at 12-30 Hz) for all channels, aligned to rising edge

Channels
60 50 40 30 20 10

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

-250 -245 -240 -235 -230 -225 -220 -215 -210 -205 -200

Onset
0.8 0.6 0.4 0.2

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4
Time[s]

Gamma band (average power at 65-115 Hz) for all channels, aligned to falling edge

Channels
60 50 40 30 20 10

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

-191.7 -191.6 -191.5 -191.4 -191.3 -191.2 -191.1 -191 -190.9

Force [Force Units]
0.8 0.6 0.4 0.2

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4
Time[s]

Gamma band (average power at 65-115 Hz) for all channels, aligned to rising edge

Channels
60 50 40 30 20 10

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

-191.8 -191.7 -191.6 -191.5 -191.4 -191.3 -191.2 -191.1

Force [Force Units]
0.8 0.6 0.4 0.2

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4
Time[s]

1