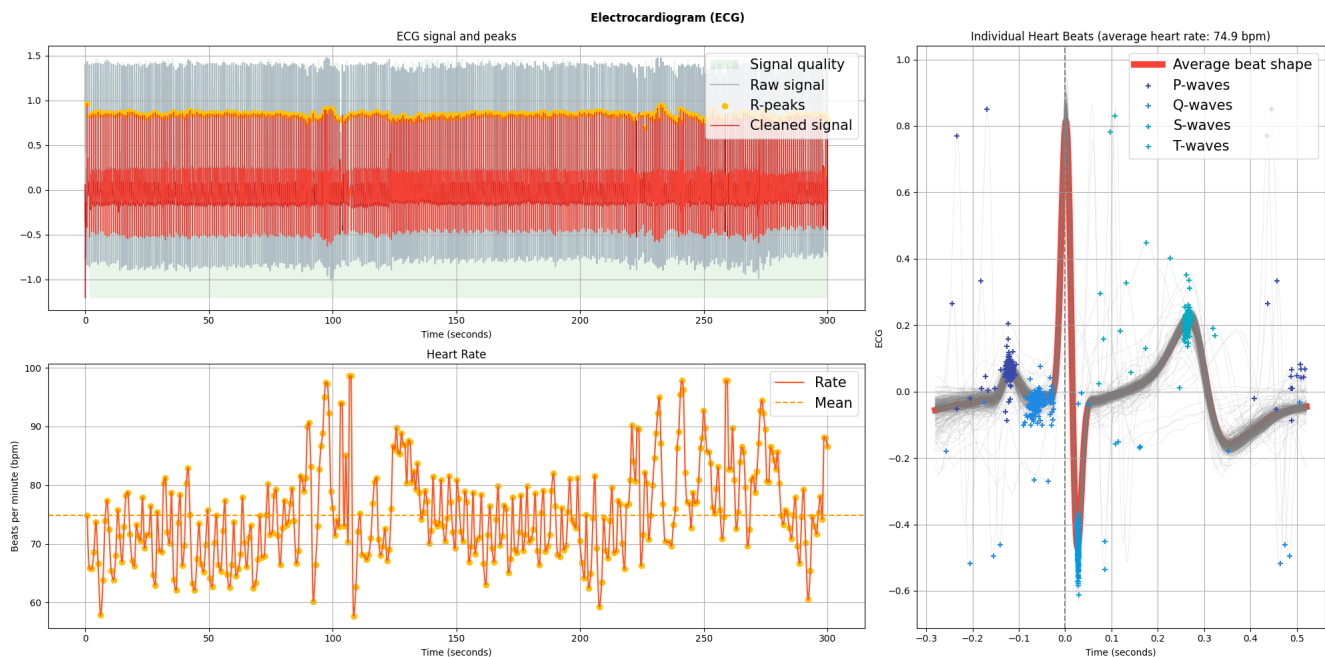# Subject Report: P5182010

Collection Date: 2024-10-16 15:59:35

ECG

Effective sampling rate: 599.8626
Signal to Noise Ratio: 5.6436
Average heart rate: 74.8777
Kurtosis SQI: 9.6434
Power spectrum distribution SQI: 0.5727
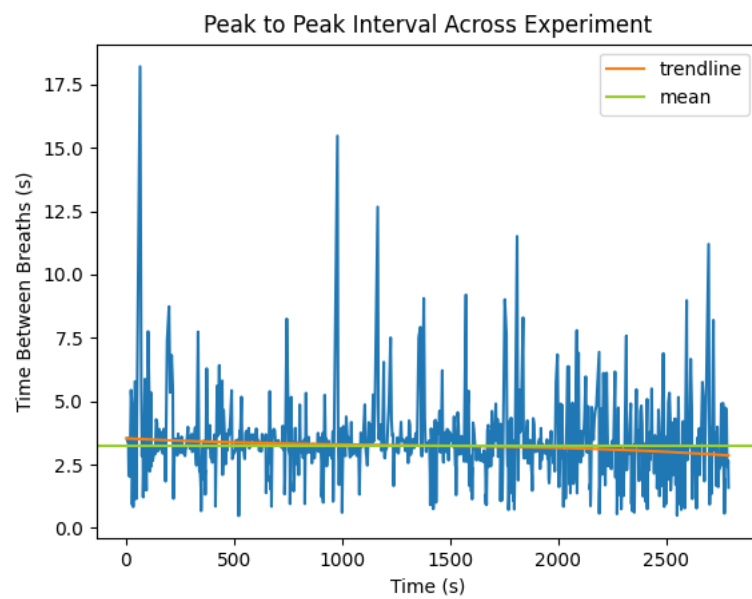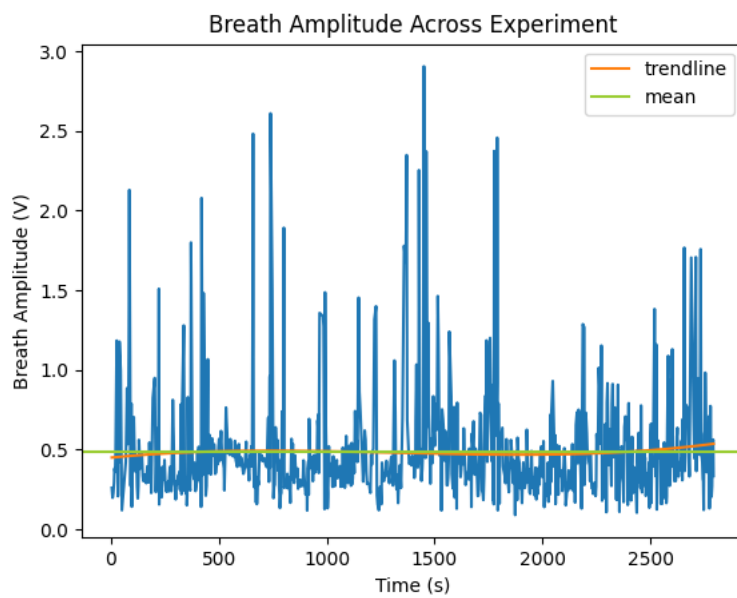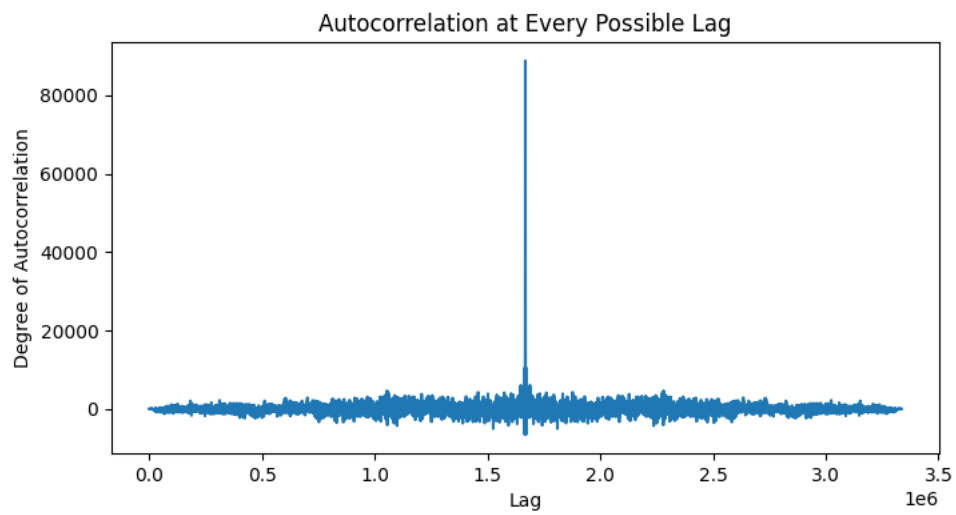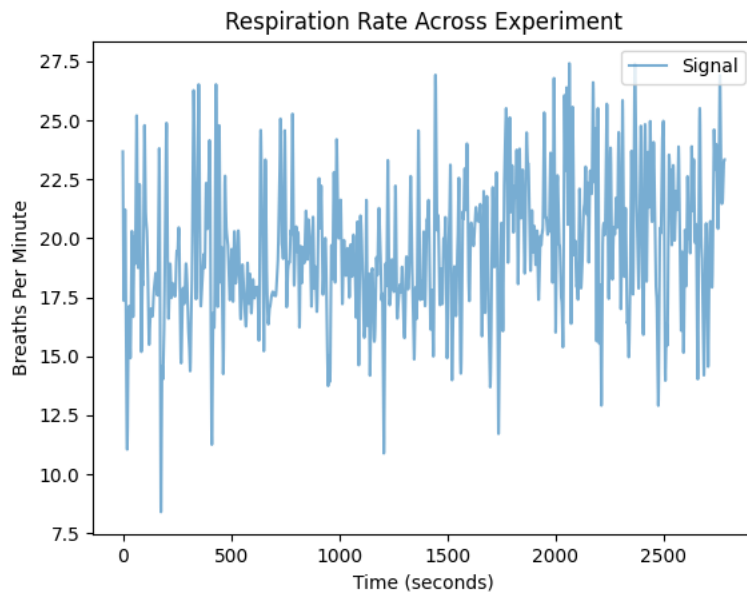**Relative power in baseline SQI:** 40.2913

EDA

Effective sampling rate: 599.8626
Signal to noise ratio: 33.8965
Signal integrity check: 100.0000
Average skin conductance level: 2.5514
Skin conductance level std: 0.0980
Skin conductance level coefficient of variation: 3.8393
Average amplitude of skin conductance response: 0.0131
Skin conductance response validity: 44.0000

Electrodermal Activity (EDA)

RSP

Effective sampling rate: 599.8626
Signal to noise ratio: 8.8478
Breath amplitude mean: 0.4837
Breath amplitude std: 0.3395
Breath amplitude range: 0.0895 - 2.9062
Respiration rate mean: 19.5429
Respiration rate std: 2.7556
Respiration rate range: 8.4004 - 27.4104
Peak to peak interval mean: 3.2281
Peak to peak interval std: 1.5669
Peak to peak interval range: 0.4784 - 18.2047
Baseline drift: 0.0826
Autocorrelation at typical breath cycle: 0.1166

**Autocorrelation at Every Possible Lag**

Breath Amplitude Across Experiment

Peak to Peak Interval Across Experiment

Respiration Rate Across Experiment

MIC

Effective sampling rate: 44099.1164
Difference between .wav file and lsl timestamps durations: 0.0460
Number of NaN's: 0.0000
Percent of NaN's: 0.0000
Mic samples first quartile: -36.0000
Mic samples third quartile: 35.0000
Mic samples std: 146.1546
Mic samples min: -4109.0000
Mic samples max: 4623.0000

Distribution of Microphone Samples

Microphone Samples over Time
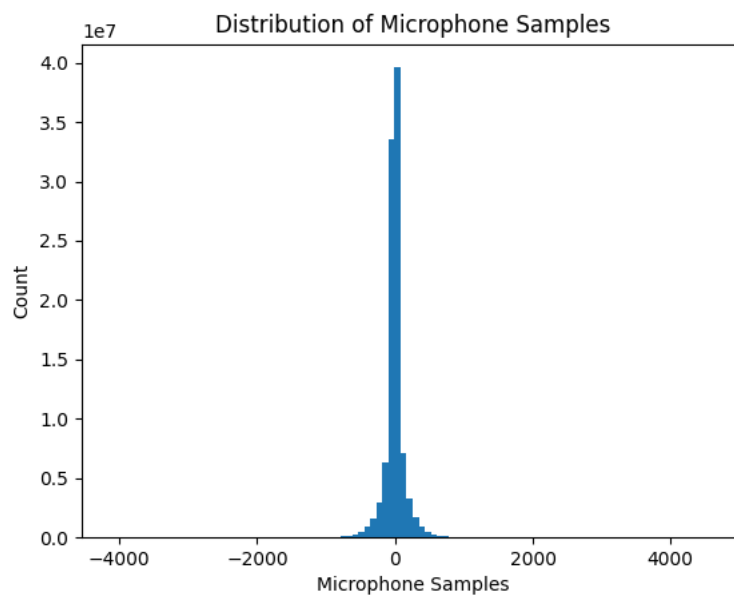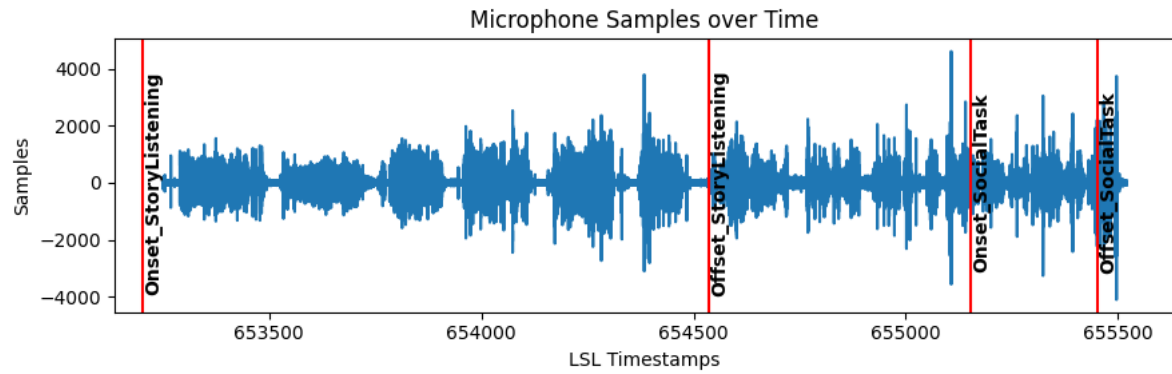
ET

Effective sampling rate: 119.9958
Flag: all coordinates have the same % validity within each measure (LR, gaze point/origin/diameter): True
Flag: % of NaNs is the same between coordinate systems (UCS and TBCS (gaze origin) and between UCS and display area (gaze point)):: True
Mean difference in percent valid data between right and left eyes: 0.0304
Percent of data with gaze point differences of over 0.2 mm: 0.0693

Distance Between Left and Right Gaze Points Over Time
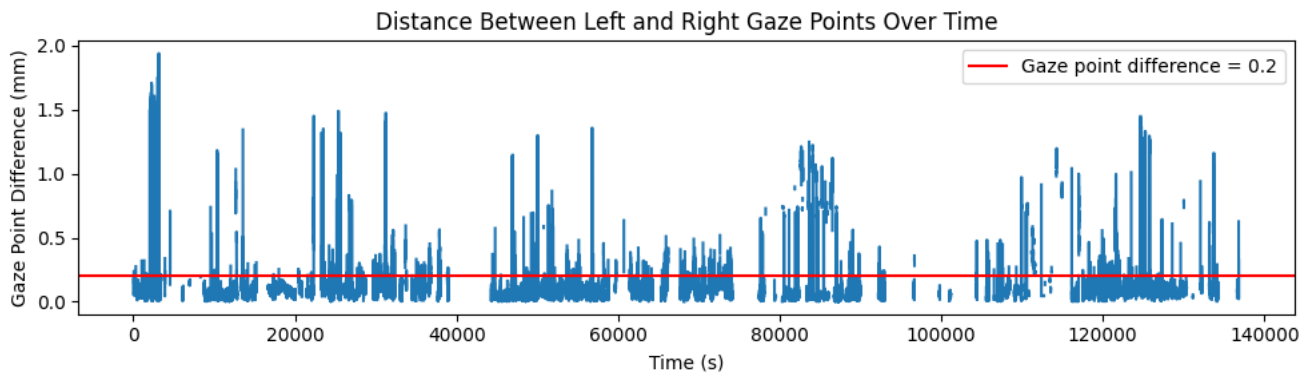
Stream Durations

Durations of each modality + comparison to expected duration:

stream	duration	mm:ss	percent
et	1021.2939	0:17:01	39.5982%
mic	2207.172	0:36:47	85.5777%
cam	2579.1192	0:42:59	99.9991%
ps	2579.1424	0:42:59	100.0000%
eeg	2579.1424	0:42:59	100.0000%
expected	2579.1435	0:42:59	100.0000%

LSL

Percent of missing data in entire experiment

subject	modality	num_losses	percent_lost
P5182010	et	1	58.6961%
P5182010	cam	1	2.1742%
P5182010	ps	1	0.4784%

Percent of missing data before social task offset

subject	modality	num_losses	percent_lost
P5182010	et	1	58.6744%
P5182010	ps	1	0.5052%

LSL Time Stamps (Physio Data)