

Physiological and Psychological Feature List

Table 1: Supplementary Table S1

No.	Feature Name	Unit	Category
1	Systolic Pressure	mmHg	Blood Pressure
2	Diastolic Pressure	mmHg	Blood Pressure
3	Systolic Pressure Standard Deviation	mmHg	Blood Pressure
4	Diastolic Pressure Standard Deviation	mmHg	Blood Pressure
5	Systolic Coefficient of Variation	%	Blood Pressure
6	Diastolic Coefficient of Variation	%	Blood Pressure
7	Mean Amplitude	mmHg	Blood Pressure
8	Standard Deviation of Amplitude	mmHg	Blood Pressure
9	Systolic Recovery Rate	%/min	Blood Pressure Recovery
10	Diastolic Recovery Rate	%/min	Blood Pressure Recovery
11	Systolic Standard Deviation Recovery Rate	%/min	Blood Pressure Recovery
12	Diastolic Standard Deviation Recovery Rate	%/min	Blood Pressure Recovery
13	Systolic Coefficient of Variation Recovery Rate	%/min	Blood Pressure Recovery
14	Diastolic Coefficient of Variation Recovery Rate	%/min	Blood Pressure Recovery
15	Mean RR Interval	ms	Heart Rate Variability
16	Mean Heart Rate	bpm	Heart Rate Variability
17	Standard Deviation of Normal-to-Normal Intervals	ms	Heart Rate Variability
18	Root Mean Square of Successive Differences	ms	Heart Rate Variability
19	Percentage of NN50	%	Heart Rate Variability
20	Standard Deviation of Successive Differences	ms	Heart Rate Variability
21	Coefficient of Variation of RR Intervals	%	Heart Rate Variability
22	Low Frequency Power	ms ²	Heart Rate Variability
23	High Frequency Power	ms ²	Heart Rate Variability
24	Total Power	ms ²	Heart Rate Variability
25	Low Frequency Normalized Power	%	Heart Rate Variability
26	High Frequency Normalized Power	%	Heart Rate Variability
27	Low Frequency to High Frequency Ratio	-	Heart Rate Variability
28	Low Frequency Percentage	%	Heart Rate Variability
29	High Frequency Percentage	%	Heart Rate Variability
30	Mean Heart Rate Recovery Rate	%/min	HRV Recovery

Continued on next page

Table 1 – continued from previous page

No.	Feature Name	Unit	Category
31	SDNN Recovery Rate	%/min	HRV Recovery
32	RMSSD Recovery Rate	%/min	HRV Recovery
33	PNN50 Recovery Rate	%/min	HRV Recovery
34	Coefficient of Variation RR Recovery Rate	%/min	HRV Recovery
35	Low Frequency Power Recovery Rate	%/min	HRV Recovery
36	High Frequency Power Recovery Rate	%/min	HRV Recovery
37	Total Power Recovery Rate	%/min	HRV Recovery
38	LF/HF Ratio Recovery Rate	%/min	HRV Recovery
39	Low Frequency Normalized Recovery Rate	%/min	HRV Recovery
40	High Frequency Normalized Recovery Rate	%/min	HRV Recovery
41	Alpha Power	μV^2	EEG
42	Beta Power	μV^2	EEG
43	Gamma Power	μV^2	EEG
44	Alpha Relative Power	%	EEG
45	Beta Relative Power	%	EEG
46	Gamma Relative Power	%	EEG
47	Beta to Alpha Power Ratio	-	EEG
48	Gamma to Alpha Power Ratio	-	EEG
49	Multiscale Entropy Complexity Index	-	EEG
50	Multiscale Entropy Mean	-	EEG
51	Multiscale Entropy Standard Deviation	-	EEG
52	Correlation Dimension	-	EEG
53	Dominant Frequency	Hz	Electrogastrography
54	Dominant Frequency (Cycles Per Minute)	cpm	Electrogastrography
55	Dominant Frequency Standard Deviation	Hz	Electrogastrography
56	Dominant Frequency Stability	%	Electrogastrography
57	EKG Amplitude	mV	Electrogastrography
58	RMS Amplitude	mV	Electrogastrography
59	Mean Amplitude	mV	Electrogastrography
60	Standard Deviation of Amplitude	mV	Electrogastrography
61	Dominant Power	mV^2	Electrogastrography
62	Normal Power Percentage	%	Electrogastrography
63	Slow Wave Percentage	%	Electrogastrography
64	Fast Wave Percentage	%	Electrogastrography
65	Pulse Wave Amplitude Mean	mV	Pulse Wave
66	Pulse Wave Amplitude Standard Deviation	mV	Pulse Wave
67	Pulse Wave Amplitude Coefficient of Variation	%	Pulse Wave
68	Pulse Wave Transit Time Mean	ms	Pulse Wave
69	Pulse Wave Transit Time Standard Deviation	ms	Pulse Wave
70	Pulse Wave Transit Time Coefficient of Variation	%	Pulse Wave
71	Upstroke Slope Mean	mV/s	Pulse Wave
72	Upstroke Slope Standard Deviation	mV/s	Pulse Wave
73	Downstroke Slope Mean	mV/s	Pulse Wave
74	Downstroke Slope Standard Deviation	mV/s	Pulse Wave

Continued on next page

Table 1 – continued from previous page

No.	Feature Name	Unit	Category
75	Maximum Downstroke Slope	mV/s	Pulse Wave
76	Minimum Downstroke Slope	mV/s	Pulse Wave
77	Profile of Mood States (POMS)	Score	Psychological
78	Satisfaction with Life Scale (SWLS)	Score	Psychological
79	Life Orientation Test-Revised (LOT-R)	Score	Psychological
80	Tension	Score	Psychological
81	Anger	Score	Psychological
82	Fatigue	Score	Psychological
83	Depression	Score	Psychological
84	Vigor	Score	Psychological
85	Confusion	Score	Psychological
86	Self-Related Emotions	Score	Psychological
87	Negative Emotion Dimension	Score	Psychological
88	Positive Emotion Dimension	Score	Psychological
89	Energy-Fatigue Dimension	Score	Psychological
90	Positive Emotion Ratio	Ratio	Psychological
91	Emotional Stability	Score	Psychological

Abbreviations and Units:

- **bpm** = beats per minute; **ms** = milliseconds; **mmHg** = millimeters of mercury
- **Hz** = Hertz; **cpm** = cycles per minute; **mV** = millivolts; μV = microvolts
- **SDNN** = Standard Deviation of Normal-to-Normal intervals
- **RMSSD** = Root Mean Square of Successive Differences
- **PNN50** = Percentage of NN50; **EGG** = Electrogastrography; **HRV** = Heart Rate Variability
- Psychological scores are standardized questionnaire scores