Search

Q



Non-EEG Dataset for Assessment of Neurological Status

Published: July 19, 2017. Version: 1.0.0

When using this resource, please cite the original publication:

Birjandtalab, Javad, Diana Cogan, Maziyar Baran Pouyan, and Mehrdad Nourani, A Non-EEG Biosignals Dataset for Assessment and Visualization of Neurological Status, 2016 IEEE International Workshop on Signal Processing Systems (SiPS), Dallas, TX, 2016, pp. 110-114. doi: 10.1109/SiPS.2016.27

Please include the standard citation for PhysioNet: (show more options) Goldberger, A., Amaral, L., Glass, L., Hausdorff, J., Ivanov, P. C., Mark, R., ... & Stanley, H. E. (2000). PhysioBank, PhysioToolkit, and PhysioNet: Components of a new research resource for complex physiologic signals. Circulation [Online]. 101 (23), pp. e215–e220.

Introduction

This database contains non-EEG physiological signals collected at Quality of Life Laboratory at University of Texas at Dallas, used to infer the neurological status (including physical stress, cognitive stress, emotional stress and relaxation) of 20 healthy subjects. The data was collected using non-invasive wrist worn biosensors and consists of electrodermal activity (EDA), temperature, acceleration, heart rate (HR), and arterial oxygen level (SpO2).

Data Collection

The experimental procedures involving human subjects described in this work were approved under UTD IRB # 12-29 by the Institutional Review Board at the University of Texas at Dallas, Richardson, Texas, USA.

The dataset consists of 7 stages for 20 subjects:

- 1. First Relaxation: five minutes
- 2. Physical Stress: Stand for one minute, walk on a treadmill at one mile per hour for two minutes, then walk/jog on the treadmill at three miles per hour for two minutes.
- 3. Second Relaxation: five minutes.
- 4. 1. Mini-emotional stress*: 40 seconds (Note: This portion of the data, which was collected right before the cognitive stress task, is not explained in the paper.) During this 40 seconds, the "instructions" for the math portion of the cognitive stress (to count backwards by sevens, beginning with 2485, for three minutes) were read to the volunteer.
 - 2. Cognitive Stress: Count backwards by sevens, beginning with 2485, for three minutes. Next, perform the Stroop test for two minutes. The volunteer was alerted to errors by a buzzer. The Stroop test consisted of reading the names of colors written in a different color ink, then saying what color the ink was.
- 5. Third Relaxation: five minutes.
- 6. Emotional Stress: The volunteer was told he/she would be shown a five minute clip from a horror movie in one minute. After the minute of anticipation, a clip from a zombie apocalypse movie, The Horde was shown.
- 7. Forth Relaxation: five minutes.

*Note: We had not originally intended to count the reading of the instructions to



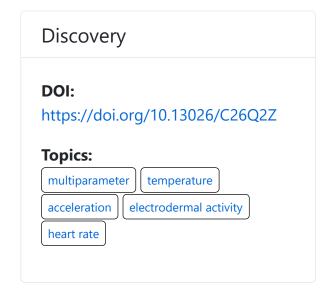
Access

Access Policy:

Anyone can access the files, as long as they conform to the terms of the specified license.

License (for files):

Open Data Commons Attribution License v1.0



Corresponding Author

You must be logged in to view the contact information.

count backwards as an emotional stress. After all, instructions were given for each of the tasks. Unlike the other instruction sets, however, this one created a stress response in many of the volunteers that was obvious to the test administrator as the test was being given.

Files

The data files are provided in WFDB format with two records per subject: one that contains the accelerometer, temperature, and EDA signals, and one that contains the SpO2 and heart rate signals. Header files also contain information about the subject. There is one annotation file per subject that indicates the time locations and labels of the transition states. The subjectinfo.csv file also contains information about each subject.

Contributors

A team of researchers from Quality of Life Technology Laboratory at University of Texas at Dallas created and contributed this database to PhysioNet. The contributors include: Diane Cogan, Javad Birjandtalab, Maziyar Baran Pouyan, and Professor Mehrdad Nourani. Jay Harvey, D.O and Venkatesh Nagaraddi, M.D contributed in this research as Neurology Consultants.

Files

Total uncompressed size: 3.7 MB.

Access the files

- Download the ZIP file (3.7 MB)
- Access the files using the Google Cloud Storage Browser here. Login with a Google account is required.
- Access the data using the Google Cloud command line tools (please refer to the gsutil documentation for guidance):

 gsutil -m -u YOUR_PROJECT_ID cp -r gs://noneeg-1.0.0.physionet.org DESTINATION
- Download the files using your terminal: wget -r -N -c -np https://physionet.org/files/noneeg/1.0.0/

✓ Visualize waveforms

Folder Navigation: <base/>		
Name	Siz	e Modified
ANNOTATORS	₹ 43	B 2017-07-13
☐ RECORDS	₹ 742	B 2017-07-13
SHA256SUMS.txt	♣ 8.8 k	(B 2019-02-20
Subject10_AccTempEDA.atr	₹ 156	B 2017-07-13
Subject10_AccTempEDA.dat	₹ 178.1 k	(B 2017-07-13
Subject10_AccTempEDA.hea	₹ 464	B 2017-07-13
Subject10_SpO2HR.dat	♣ 8.9 k	(B 2017-07-13
Subject10_SpO2HR.hea	₹ 222	B 2017-07-13
Subject11_AccTempEDA.atr	₹ 156	B 2017-07-13
Subject11_AccTempEDA.dat	♣ 197.8 k	(B 2017-07-13
Subject11_AccTempEDA.hea	₹ 460	B 2017-07-13
Subject11_SpO2HR.dat	♣ 9.9 k	(B 2017-07-13
Subject11_SpO2HR.hea	₹ 218	B 2017-07-13
Subject12_AccTempEDA.atr	₹ 156	B 2017-07-13
Subject12_AccTempEDA.dat	≛ 178.0 k	(B 2017-07-13
Subject12_AccTempEDA.hea	₹ 462	B 2017-07-13
Subject12_SpO2HR.dat	₹ 8.9 k	(B 2017-07-13
Subject12_SpO2HR.hea	₹ 224	B 2017-07-13
Subject13_AccTempEDA.atr	. 156	В 2017-07-13

Naı	ne		Size	Modified
	Subject13_AccTempEDA.dat	<u>+</u>	178.1 KB	2017-07-13
	Subject13_AccTempEDA.hea	<u>+</u>	464 B	2017-07-13
	Subject13_SpO2HR.dat	<u></u>	8.9 KB	2017-07-13
	Subject13_SpO2HR.hea	<u></u>	228 B	2017-07-13
	Subject14_AccTempEDA.atr	.	156 B	2017-07-13
	Subject14_AccTempEDA.dat	.	178.0 KB	2017-07-13
	Subject14_AccTempEDA.hea	±	454 B	2017-07-13
	Subject14_SpO2HR.dat	±	8.9 KB	2017-07-13
	Subject14_SpO2HR.hea	±	219 B	2017-07-13
	Subject15_AccTempEDA.atr	±	156 B	2017-07-13
	Subject15_AccTempEDA.dat	±	177.6 KB	2017-07-13
	Subject15_AccTempEDA.hea	1	457 B	2017-07-13
	Subject15_SpO2HR.dat	±	8.9 KB	2017-07-13
	Subject15_SpO2HR.hea	1	226 B	2017-07-13
	Subject16_AccTempEDA.atr	±	156 B	2017-07-13
	Subject16_AccTempEDA.dat	±	178.0 KB	2017-07-13
	Subject16_AccTempEDA.hea	±	466 B	2017-07-13
	Subject16_SpO2HR.dat	±	8.9 KB	2017-07-13
	Subject16_SpO2HR.hea	±	220 B	2017-07-13
	Subject17_AccTempEDA.atr	±	156 B	2017-07-13
	Subject17_AccTempEDA.dat	±	178.3 KB	2017-07-13
	Subject17_AccTempEDA.hea	.	456 B	2017-07-13
	Subject17_SpO2HR.dat	1	8.9 KB	2017-07-13
	Subject17_SpO2HR.hea	±	220 B	2017-07-13
	Subject18_AccTempEDA.atr	±	156 B	2017-07-13
	Subject18_AccTempEDA.dat	±	178.3 KB	2017-07-13
	Subject18_AccTempEDA.hea	±	462 B	2017-07-13
	Subject18_SpO2HR.dat	±	8.9 KB	2017-07-13
	Subject18_SpO2HR.hea	1	220 B	2017-07-13
	Subject19_AccTempEDA.atr	1	156 B	2017-07-13
	Subject19_AccTempEDA.dat	1	177.9 KB	2017-07-13
	Subject19_AccTempEDA.hea	±	463 B	2017-07-13
	Subject19_SpO2HR.dat	±	8.9 KB	2017-07-13
	Subject19_SpO2HR.hea	±	220 B	2017-07-13
	Subject1_AccTempEDA.atr	±	156 B	2017-07-13
	Subject1_AccTempEDA.dat	±	179.1 KB	2017-07-13
	Subject1_AccTempEDA.hea	±	459 B	2017-07-13
	Subject1_SpO2HR.dat	<u></u>	9.0 KB	2017-07-13
	Subject1_SpO2HR.hea	<u></u>	225 B	2017-07-13
	Subject20_AccTempEDA.atr	<u></u>	156 B	2017-07-13
	Subject20_AccTempEDA.dat	<u></u>	196.9 KB	2017-07-13
	Subject20_AccTempEDA.hea	<u></u>	455 B	2017-07-13
	Subject20_SpO2HR.dat	<u></u>	9.9 KB	2017-07-13
	Subject20_SpO2HR.hea	<u></u>	225 B	2017-07-13

□ Subject2_AccTempEDA.dar ± 156 B 2017 07 13 □ Subject2_AccTempEDA.dar ± 1790 R8 2017-07-13 □ Subject2_SpO2HR.hea ± 452 B 2017 07 13 □ Subject2_SpO2HR.hea ± 90 R8 2017-07-13 □ Subject3_SpO2HR.hea ± 224 B 2017 07 13 □ Subject3_AccTempEDA.dat ± 1768 R8 2017-07-13 □ Subject3_AccTempEDA.dat ± 1783 R8 2017-07-13 □ Subject3_AccTempEDA.dat ± 89 R8 2017-07-13 □ Subject3_AccTempEDA.dat ± 89 R8 2017-07-13 □ Subject4_AccTempEDA.dat ± 1782 R8 2017-07-13 □ Subject4_AccTempEDA.dat ± 189 R8 2017-07-13 □ Subject4_AccTempEDA.dat ± 189 R8 2017-07-13 □ Subject4_AccTempEDA.dat ± 189 R8 2017-07-13 □ Subject4_AccTempEDA.dat ± 1782 R8 2017-07-13 □ Subject5_AccTempEDA.dat ± 1782 R8 2017-07-13 □ Subject5_AccTempEDA.dat ± 1782 R8 2017-07-13 □ Subject5_SpO2HR.hea ± 2178 2017-07-13 □ Subject6_SpO2HR.hea ± 2178 2017-07-13 □ Subject6_SpO2HR.hea ±	Name		Size	Modified
□ Subject2 SpO2HR.dat ± 452 8 2017-07-13 □ Subject2 SpO2HR.dat ± 90.88 2017-07-13 □ Subject2 SpO2HR.dat ± 2248 2017-07-13 □ Subject3 AccTempEDA.dat ± 178.3 k8 2017-07-13 □ Subject3 AccTempEDA.bea ± 459.8 2017-07-13 □ Subject3 SpO2HR.dat ± 89.88 2017-07-13 □ Subject3 SpO2HR.dat ± 89.88 2017-07-13 □ Subject4 AccTempEDA.bat ± 178.2 k8 2017-07-13 □ Subject4 AccTempEDA.bat ± 178.2 k8 2017-07-13 □ Subject4 AccTempEDA.bat ± 457.8 2017-07-13 2017-07-13 □ Subject4 AccTempEDA.bas ± 457.8 2017-07-13 2017-07-13 □ Subject4 AccTempEDA.bas ± 457.8 2017-07-13 2017-07-13 □ Subject5 AccTempEDA.bat ± 178.2 k8 2017-07-13 □ Subject5 AccTempEDA.bat ± 178.2 k8 2017-07-13 □ Subject5 AccTempEDA.bat ± 178.2 k8 2017-07-13 □ Subject5 SpO2HR.bas ± 458.8 2017-07-13 2017-07-13 □ Subject5 AccTempEDA.bat ± 178.8 2017-07-13 2017-07-13 □ Subject6 AccTempEDA.bat ± 178.8 2017-07-13 2017-07-13 □ Subject6 AccTempEDA.bat ± 178.8 2017-07-13 2017-07-13 <th>□ Subject2_AccTempEDA.atr</th> <th>.</th> <th>156 B</th> <th>2017-07-13</th>	□ Subject2_AccTempEDA.atr	.	156 B	2017-07-13
Subject2_SpO2HR.bat ♣ 90.88 2017-07-13 Subject3_AccTempEDA.atr ♣ 1568 2017-07-13 Subject3_AccTempEDA.dat ♣ 1568 2017-07-13 Subject3_AccTempEDA.dat ♣ 178.3 KB 2017-07-13 Subject3_AccTempEDA.dat ♣ 4898 2017-07-13 Subject3_AccTempEDA.dat ♣ 89.86 2017-07-13 Subject3_SpO2HR.ba ♣ 2198 2017-07-13 Subject4_AccTempEDA.atr ♣ 1568 2017-07-13 Subject4_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject4_AccTempEDA.dat ♣ 457 B 2017-07-13 Subject4_SpO2HR.dat ♣ 89.86 2017-07-13 Subject4_SpO2HR.dat ♣ 89.86 2017-07-13 Subject5_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject5_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject5_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject5_SpO2HR.dat ♣ 89.86 2017-07-13 Subject5_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 1782 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 1783 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 1783 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 1783 KB 2017-07-13 Subject7_SpO2HR.ba ♣ 2188 2017-07-13 S	☐ Subject2_AccTempEDA.dat	.	179.0 KB	2017-07-13
Subject3_Sp02HR.hea \$ 224 B 2017.07.13 Subject3_AccTempEDA.atr \$ 156 B 2017.07.13 Subject3_AccTempEDA.tea \$ 178.3 KB 2017.07.13 Subject3_AccTempEDA.tea \$ 459 B 2017-07.13 Subject3_Sp02HR.hea \$ 459 B 2017-07.13 Subject3_Sp02HR.hea \$ 219 B 2017-07.13 Subject4_AccTempEDA.atr \$ 156 B 2017-07.13 Subject4_AccTempEDA.hea \$ 178.2 KB 2017-07.13 Subject4_AccTempEDA.hea \$ 457 B 2017-07.13 Subject4_Sp02HR.hea \$ 219 B 2017-07.13 Subject4_Sp02HR.hea \$ 219 B 2017-07.13 Subject4_Sp02HR.hea \$ 219 B 2017-07.13 Subject5_Sp02HR.hea \$ 219 B 2017-07.13 Subject5_AccTempEDA.atr \$ 156 B 2017-07.13 Subject5_Sp02HR.hea \$ 1782 KB 2017-07.13 Subject5_Sp02HR.hea \$ 1782 KB 2017-07.13 Subject5_Sp02HR.hea \$ 217 B 2017-07.13 Subject6_Sp02HR.hea \$ 218 B 2017-07.13 Subject7_AccTempEDA.hea \$ 218 B 2017-07.13 Subject7_Sp02HR.hea \$	☐ Subject2_AccTempEDA.hea	₹.	452 B	2017-07-13
Subject3_AccTempEDA.atr ♣ 176.8 kg 2017-07-13 Subject3_AccTempEDA.dat ♣ 178.3 kg 2017-07-13 Subject3_SpO2HR.dat ♣ 459 kg 2017-07-13 Subject3_SpO2HR.dat ♣ 2918 color-07-13 Subject4_AccTempEDA.atr ♣ 156 kg 2017-07-13 Subject4_AccTempEDA.tat ♣ 178.2 kg 2017-07-13 Subject4_AccTempEDA.tat ♣ 457 kg 2017-07-13 Subject4_SpO2HR.dat ♣ 458 kg 2017-07-13 Subject4_SpO2HR.dat ♣ 298 kg 2017-07-13 Subject5_AccTempEDA.tat ♣ 168 kg 2017-07-13 Subject5_AccTempEDA.tat ♣ 158 kg 2017-07-13 Subject5_AccTempEDA.tat ♣ 458 kg 2017-07-13 Subject5_SpO2HR.dat ♣ 218 kg 2017-07-13 Subject5_SpO2HR.dat ♣ 218 kg 2017-07-13 Subject6_AccTempEDA.tat ♣ 156 kg 2017-07-13 Subject6_AccTempEDA.tat ♣ 156 kg 2017-07-13 Subject6_SpO2HR.tae ♣ 218 kg 2017-07-13 Subject7_AccTempEDA.tat ♣ 218 kg 2017-07-13 Subject7_AccTempEDA.tat ♣ 156 kg 2017-07-13	☐ Subject2_SpO2HR.dat	₹	9.0 KB	2017-07-13
Subject3_AccTempEDA dat ± 178.3 K8 2017-07-13 Subject3_SpO2HR dat ± 459.8 2017-07-13 Subject3_SpO2HR dat ± 8.9 K8 2017-07-13 Subject4_AccTempEDA atr ± 1156.8 2017-07-13 Subject4_AccTempEDA dat ± 178.2 K8 2017-07-13 Subject4_AccTempEDA hee ± 457.8 2017-07-13 Subject4_SpO2HR dat ± 8.9 K8 2017-07-13 Subject4_SpO2HR hee ± 219.8 2017-07-13 Subject5_AccTempEDA atr ± 156.8 2017-07-13 Subject5_AccTempEDA dat ± 178.2 K8 2017-07-13 Subject5_AccTempEDA hee ± 458.8 2017-07-13 Subject5_AccTempEDA hee ± 458.8 2017-07-13 Subject5_AccTempEDA hee ± 458.8 2017-07-13 Subject6_AccTempEDA hee ± 217.8 2017-07-13 Subject6_AccTempEDA hee ± 217.8 2017-07-13 Subject6_AccTempEDA hee ± 460.8 2017-07-13 Subject7_AccTempEDA hee ± 218.8	☐ Subject2_SpO2HR.hea	.	224 B	2017-07-13
Subject3_AccTempEDAhea ± 459 8 2017-07-13 Subject3_SpO2HR.dat ± 89 K8 2017-07-13 Subject4_AccTempEDAatr ± 219 8 2017-07-13 Subject4_AccTempEDAdat ± 1782 K8 2017-07-13 Subject4_AccTempEDAhea ± 4578 2017-07-13 Subject4_AccTempEDAhea ± 4578 2017-07-13 Subject4_AccTempEDAhea ± 219 8 2017-07-13 Subject4_AccTempEDAatr ± 156 8 2017-07-13 Subject5_AccTempEDAdat ± 156 8 2017-07-13 Subject5_AccTempEDAhea ± 458 8 2017-07-13 Subject5_AccTempEDAhea ± 458 8 2017-07-13 Subject5_AccTempEDAhea ± 458 8 2017-07-13 Subject5_AccTempEDAhea ± 217 8 2017-07-13 Subject6_AccTempEDAhea ± 156 8 2017-07-13 Subject6_AccTempEDAhea ± 178.1 K8 2017-07-13 Subject6_SpO2HR.dat ± 218 8 2017-07-13 Subject7_SpO2HR.dat ± 156 8 2017-07-	☐ Subject3_AccTempEDA.atr	₹	156 B	2017-07-13
Subject3_SpO2HR.dat	☐ Subject3_AccTempEDA.dat	<u> </u>	178.3 KB	2017-07-13
Subject3_SpO2HRhea ± 219 B 2017-07-13 Subject4_AccTempEDA.atr ± 156 B 2017-07-13 Subject4_AccTempEDA.dat ± 1782 kB 2017-07-13 Subject4_AccTempEDA.dat ± 457 B 2017 07-13 Subject4_SpO2HR.dat ± 89 kB 2017-07-13 Subject5_AccTempEDA.dat ± 156 B 2017-07-13 Subject5_AccTempEDA.dat ± 1782 kB 2017-07-13 Subject5_AccTempEDA.dat ± 458 B 2017-07-13 Subject5_AccTempEDA.dat ± 8.9 kB 2017-07-13 Subject5_AccTempEDA.dat ± 156 B 2017-07-13 Subject6_AccTempEDA.dat ± 156 B 2017-07-13 Subject6_AccTempEDA.dat ± 178.1 kB 2017-07-13 Subject6_AccTempEDA.dat ± 178.1 kB 2017-07-13 Subject6_AccTempEDA.dat ± 188 B 2017-07-13 Subject6_AccTempEDA.dat ± 188 B 2017-07-13 Subject7_AccTempEDA.dat ± 177.5 kB 2017-07-13 Subject7_AccTempEDA.dat ± 1	☐ Subject3_AccTempEDA.hea	₹	459 B	2017-07-13
Subject4_AccTempEDA.atr	☐ Subject3_SpO2HR.dat	₹	8.9 KB	2017-07-13
Subject4_AccTempEDA.dat	☐ Subject3_SpO2HR.hea	≛	219 B	2017-07-13
Subject4_AccTempEDA.hea	☐ Subject4_AccTempEDA.atr	₹	156 B	2017-07-13
Subject4_SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject4_SpO2HR.hea ♣ 219 B 2017-07-13 Subject5_AccTempEDA.drt ♣ 156 B 2017-07-13 Subject5_AccTempEDA.dat ♣ 178.2 KB 2017-07-13 Subject5_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject5_SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject6_AccTempEDA.atr ♣ 178.1 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 178.1 KB 2017-07-13 Subject6_AccTempEDA.dat ♣ 460 B 2017-07-13 Subject6_SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject6_SpO2HR.dat ♣ 218 B 2017-07-13 Subject7_AccTempEDA.dat ♣ 177.5 KB 2017-07-13 Subject7_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject7_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject7_SpO2HR.dat ♣ 458 B 2017-07-13 Subject8_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject8_AccTempEDA.hea ♣ 458 B	☐ Subject4_AccTempEDA.dat	₹	178.2 KB	2017-07-13
Subject4_SpO2HR.hea ± 219 8 2017-07-13 Subject5_AccTempEDA.atr ± 156 8 2017-07-13 Subject5_AccTempEDA.dat ± 178.2 KB 2017-07-13 Subject5_AccTempEDA.hea ± 458 8 2017-07-13 Subject5_SpO2HR.dat ± 8.9 KB 2017-07-13 Subject6_AccTempEDA.atr ± 178.1 KB 2017-07-13 Subject6_AccTempEDA.atr ± 178.1 KB 2017-07-13 Subject6_AccTempEDA.dat ± 178.1 KB 2017-07-13 Subject6_SpO2HR.dat ± 8.9 KB 2017-07-13 Subject7_AccTempEDA.atr ± 156 B 2017-07-13 Subject7_AccTempEDA.hea ± 177.5 KB 2017-07-13 Subject7_AccTempEDA.hea ± 177.5 KB 2017-07-13 Subject7_SpO2HR.hea ± 156 B 2017-07-13 Subject7_SpO2HR.hea ± 458 B 2017-07-13 Subject8_AccTempEDA.hea ± 156 B 2017-07-13 Subject8_AccTempEDA.hea ± 156 B 2017-07-13 Subject8_AccTempEDA.hea ± 156 B<	☐ Subject4_AccTempEDA.hea	<u> </u>	457 B	2017-07-13
Subject5_AccTempEDA atr ± 156 8 2017-07-13 Subject5_AccTempEDA dat ± 178.2 K8 2017-07-13 Subject5_SpO2HR.dat ± 458 8 2017-07-13 Subject5_SpO2HR.hea ± 217 8 2017-07-13 Subject6_AccTempEDA.atr ± 156 8 2017-07-13 Subject6_AccTempEDA.dat ± 178.1 K8 2017-07-13 Subject6_AccTempEDA.hea ± 460 8 2017-07-13 Subject6_SpO2HR.dat ± 8.9 K8 2017-07-13 Subject6_SpO2HR.hea ± 218 8 2017-07-13 Subject7_AccTempEDA.atr ± 156 8 2017-07-13 Subject7_AccTempEDA.hea ± 177.5 K8 2017-07-13 Subject7_AccTempEDA.hea ± 458 8 2017-07-13 Subject7_SpO2HR.hea ± 458 8 2017-07-13 Subject8_AccTempEDA.hea ± 212 8 2017-07-13 Subject8_AccTempEDA.hea ± 156 8 2017-07-13 Subject8_AccTempEDA.hea ± 156 8 2017-07-13 Subject8_AccTempEDA.hea ± 178.3 K8	☐ Subject4_SpO2HR.dat	₹	8.9 KB	2017-07-13
Subject5_AccTempEDAdat ± 178.2 KB 2017-07-13 Subject5_AccTempEDAhea ± 458 B 2017-07-13 Subject5_SpO2HR.dat ± 8.9 KB 2017-07-13 Subject5_SpO2HR.hea ± 217 B 2017-07-13 Subject6_AccTempEDA.atr ± 156 B 2017-07-13 Subject6_AccTempEDA.hea ± 178.1 KB 2017-07-13 Subject6_SpO2HR.dat ± 8.9 KB 2017-07-13 Subject6_SpO2HR.hea ± 218 B 2017-07-13 Subject7_AccTempEDA.atr ± 156 B 2017-07-13 Subject7_AccTempEDA.hea ± 177.5 KB 2017-07-13 Subject7_SpO2HR.hea ± 177.5 KB 2017-07-13 Subject8_AccTempEDA.hea ± 218 B 2017-07-13 Subject8_AccTempEDA.hea ± 156 B 2017-07-13 Subject8_AccTempEDA.hea ± 178.3 KB 2017-07-13 Subject8_AccTempEDA.hea ± 178.3 KB 2017-07-13 Subject8_SpO2HR.hea ± 156 B 2017-07-13 Subject9_AccTempEDA.hea ± 156 B	☐ Subject4_SpO2HR.hea	<u> </u>	219 B	2017-07-13
Subject5_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject5_SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject5_SpO2HR.hea ♣ 217 B 2017-07-13 Subject6_AccTempEDA.atr ♣ 156 B 2017-07-13 Subject6_AccTempEDA.dat ♣ 178.1 KB 2017-07-13 Subject6_AccTempEDA.hea ♣ 460 B 2017-07-13 Subject6_SpO2HR.dat ♣ 89 KB 2017-07-13 Subject6_SpO2HR.hea ♣ 218 B 2017-07-13 Subject7_AccTempEDA.dat ♣ 177.5 KB 2017-07-13 Subject7_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject7_AccTempEDA.hea ♣ 458 B 2017-07-13 Subject7_SpO2HR.hea ♣ 458 B 2017-07-13 Subject8_AccTempEDA.dat ♣ 156 B 2017-07-13 Subject8_AccTempEDA.hea ♣ 178.3 KB 2017-07-13 Subject8_AccTempEDA.hea ♣ 456 B 2017-07-13 Subject8_SpO2HR.hea ♣ 9 KB 2017-07-13 Subject9_AccTempEDA.atr ♣ 89 KB 2017-07-13 Subject9_AccTempEDA.hea ♣ 156 B 2017-07-13 Subject9_AccTempEDA.hea ♣ 178.2 KB 2017-07-13 Subject9_AccTempEDA.hea ♣ 178.2 KB 2017-07-13 Subject9_AccTempEDA.hea ♣ 178.2 KB 2017-07-13 Subject9_AccTempEDA.hea ♣ 455 B 2017-07-13	☐ Subject5_AccTempEDA.atr	≛	156 B	2017-07-13
Subject5 SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject6 SpO2HR.hea ♣ 217 B 2017-07-13 Subject6 AccTempEDA.dat ♣ 156 B 2017-07-13 Subject6 AccTempEDA.hea ♣ 460 B 2017-07-13 Subject6 SpO2HR.dat ♣ 8.9 KB 2017-07-13 Subject6 SpO2HR.hea ♣ 218 B 2017-07-13 Subject7 AccTempEDA.dat ♣ 156 B 2017-07-13 Subject7 AccTempEDA.hea ♣ 177.5 KB 2017-07-13 Subject7 AccTempEDA.hea ♣ 458 B 2017-07-13 Subject7 SpO2HR.hea ♣ 212 B 2017-07-13 Subject8 AccTempEDA.hea ♣ 212 B 2017-07-13 Subject8 AccTempEDA.hea ♣ 178.3 KB 2017-07-13 Subject8 SpO2HR.hea ♣ 456 B 2017-07-13 Subject9 AccTempEDA.hea ♣ 455 B 2	☐ Subject5_AccTempEDA.dat	.	178.2 KB	2017-07-13
□ Subject5_SpO2HR.hea ± 217 B 2017-07-13 □ Subject6_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject6_AccTempEDA.dat ± 178.1 KB 2017-07-13 □ Subject6_SpO2HR.dat ± 460 B 2017-07-13 □ Subject6_SpO2HR.hea ± 218 B 2017-07-13 □ Subject7_AccTempEDA.dat ± 177.5 KB 2017-07-13 □ Subject7_AccTempEDA.hea ± 177.5 KB 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 178.3 KB 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ± 21 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 156 B 2017-07-13 □ Subject9_AccTempEDA.hea ± 21 B 2017-07-13 □ Subject9_AccTempEDA.hea ± 178.2 KB 2017-07-13 □ Subject9_SpO2HR.hea <td< th=""><th>☐ Subject5_AccTempEDA.hea</th><th>₹.</th><th>458 B</th><th>2017-07-13</th></td<>	☐ Subject5_AccTempEDA.hea	₹.	458 B	2017-07-13
□ Subject6_AccTempEDA.atr	☐ Subject5_SpO2HR.dat	±	8.9 KB	2017-07-13
□ Subject6_AccTempEDA.dat ■ 178.1 KB 2017-07-13 □ Subject6_AccTempEDA.hea ■ 460 B 2017-07-13 □ Subject6_SpO2HR.dat ■ 8.9 KB 2017-07-13 □ Subject6_SpO2HR.hea ■ 218 B 2017-07-13 □ Subject7_AccTempEDA.atr ■ 156 B 2017-07-13 □ Subject7_AccTempEDA.hea ■ 458 B 2017-07-13 □ Subject7_SpO2HR.dat ■ 8.9 KB 2017-07-13 □ Subject7_SpO2HR.hea ■ 212 B 2017-07-13 □ Subject8_AccTempEDA.atr ■ 156 B 2017-07-13 □ Subject8_AccTempEDA.hea ■ 456 B 2017-07-13 □ Subject8_AccTempEDA.hea ■ 456 B 2017-07-13 □ Subject8_SpO2HR.hea ■ 456 B 2017-07-13 □ Subject9_AccTempEDA.atr ■ 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ■ 156 B 2017-07-13 □ Subject9_AccTempEDA.hea ■ 156 B 2017-07-13 □ Subject9_AccTempEDA.hea ■ 156 B 2017-07-13 □ Subject9_SpO2HR.hea ■ 455 B 2017-07-13 □ Subject9_SpO2HR.hea ■ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ■ 8.9 KB 2017-07-13 </th <th>☐ Subject5_SpO2HR.hea</th> <th>±</th> <th>217 B</th> <th>2017-07-13</th>	☐ Subject5_SpO2HR.hea	±	217 B	2017-07-13
□ Subject6_AccTempEDA.hea ± 460 B 2017-07-13 □ Subject6_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject6_SpO2HR.hea ± 218 B 2017-07-13 □ Subject7_AccTempEDA.dat ± 177.5 KB 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ± 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.hea ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.hea ±	☐ Subject6_AccTempEDA.atr	₹.	156 B	2017-07-13
□ Subject6_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject6_SpO2HR.hea ± 218 B 2017-07-13 □ Subject7_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.hea ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.hea ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.hea ± 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.hea ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ±	Subject6_AccTempEDA.dat	₹.	178.1 KB	2017-07-13
□ SubjectG_SpO2HR.hea ± 218 B 2017-07-13 □ SubjectT_AccTempEDA.atr ± 156 B 2017-07-13 □ SubjectT_AccTempEDA.dat ± 177.5 KB 2017-07-13 □ SubjectT_AccTempEDA.hea ± 458 B 2017-07-13 □ SubjectT_SpO2HR.hea ± 212 B 2017-07-13 □ SubjectB_AccTempEDA.atr ± 156 B 2017-07-13 □ SubjectB_AccTempEDA.hea ± 178.3 KB 2017-07-13 □ SubjectB_AccTempEDA.hea ± 456 B 2017-07-13 □ SubjectB_SpO2HR.hea ± 8.9 KB 2017-07-13 □ SubjectB_AccTempEDA.atr ± 8.9 KB 2017-07-13 □ SubjectP_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ SubjectP_AccTempEDA.hea ± 455 B 2017-07-13 □ SubjectP_SpO2HR.hea ± 455 B 2017-07-13 □ SubjectP_SpO2HR.hea ± 8.9 KB 2017-07-13 □ SubjectP_SpO2HR.hea ± 8.9 KB 2017-07-13 □ SubjectP_SpO2HR.hea ± 210 B 2017-07-13 □ SubjectP_SpO2HR.hea ±		₹.	460 B	2017-07-13
□ Subject7_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject7_AccTempEDA.dat ± 177.5 KB 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 210 B 2017-07-13	☐ Subject6_SpO2HR.dat	.	8.9 KB	2017-07-13
□ Subject7_AccTempEDA.dat ± 177.5 KB 2017-07-13 □ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13	☐ Subject6_SpO2HR.hea	.	218 B	2017-07-13
□ Subject7_AccTempEDA.hea ± 458 B 2017-07-13 □ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13	Subject7_AccTempEDA.atr	.	156 B	2017-07-13
□ Subject7_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ± 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 8.9 KB 2017-07-13	Subject7_AccTempEDA.dat	.	177.5 KB	2017-07-13
□ Subject7_SpO2HR.hea ± 212 B 2017-07-13 □ Subject8_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject8_AccTempEDA.dat ± 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 210 B 2017-07-13	Subject7_AccTempEDA.hea	.	458 B	2017-07-13
□ Subject8_AccTempEDA.atr	Subject7_SpO2HR.dat	.	8.9 KB	2017-07-13
□ Subject8_AccTempEDA.dat ★ 178.3 KB 2017-07-13 □ Subject8_AccTempEDA.hea ★ 456 B 2017-07-13 □ Subject8_SpO2HR.dat ★ 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ★ 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ★ 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ★ 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ★ 455 B 2017-07-13 □ Subject9_SpO2HR.dat ★ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ★ 2017-07-13	Subject7_SpO2HR.hea	₹.	212 B	2017-07-13
□ Subject8_AccTempEDA.hea ± 456 B 2017-07-13 □ Subject8_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ± 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 210 B 2017-07-13	Subject8_AccTempEDA.atr	!	156 B	2017-07-13
□ Subject8_SpO2HR.dat ♣ 8.9 KB 2017-07-13 □ Subject8_SpO2HR.hea ♣ 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ♣ 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ♣ 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ♣ 455 B 2017-07-13 □ Subject9_SpO2HR.dat ♣ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ♣ 210 B 2017-07-13	Subject8_AccTempEDA.dat	₹.	178.3 KB	2017-07-13
□ Subject8_SpO2HR.hea ± 221 B 2017-07-13 □ Subject9_AccTempEDA.atr ± 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 210 B 2017-07-13	Subject8_AccTempEDA.hea	₹.	456 B	2017-07-13
□ Subject9_AccTempEDA.atr ★ 156 B 2017-07-13 □ Subject9_AccTempEDA.dat ★ 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ★ 455 B 2017-07-13 □ Subject9_SpO2HR.dat ★ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ★ 210 B 2017-07-13	Subject8_SpO2HR.dat	<u>.</u>	8.9 KB	2017-07-13
□ Subject9_AccTempEDA.dat ± 178.2 KB 2017-07-13 □ Subject9_AccTempEDA.hea ± 455 B 2017-07-13 □ Subject9_SpO2HR.dat ± 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ± 210 B 2017-07-13	Subject8_SpO2HR.hea	<u>.</u>	221 B	2017-07-13
□ Subject9_AccTempEDA.hea ♣ 455 B 2017-07-13 □ Subject9_SpO2HR.dat ♣ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ♣ 210 B 2017-07-13	Subject9_AccTempEDA.atr	<u>.</u>	156 B	2017-07-13
□ Subject9_SpO2HR.dat ♣ 8.9 KB 2017-07-13 □ Subject9_SpO2HR.hea ♣ 210 B 2017-07-13	Subject9_AccTempEDA.dat	±	178.2 KB	2017-07-13
☐ Subject9_SpO2HR.hea 210 B 2017-07-13	Subject9_AccTempEDA.hea	₹.	455 B	2017-07-13
	Subject9_SpO2HR.dat	₹.	8.9 KB	2017-07-13
□ subjectinfo.csv	Subject9_SpO2HR.hea	<u>.</u>	210 B	2017-07-13
	subjectinfo.csv	₹.	330 B	2017-07-13

PhysioNet is a repository of freely-available medical research data, managed by the MIT Laboratory for Computational Physiology.

Supported by the National Institute of Biomedical Imaging and Bioengineering (NIBIB) under NIH grant number R01EB030362.

For more accessibility options, see the MIT Accessibility Page.

Back to top