Sample Data Master List

# CED Spike

|  |  |  |
| --- | --- | --- |
| Continuous wave channels | AEC\_11.smr (SCR & 8 event channels) | Dominik Bach, WTCN |
| Pulsed wave channels, timestamps | Spike\_SCR\_Marker.smr (2 channels) | Dominik Bach, WTCN |
| Pulsed wave channels, two timestamps | - |  |
| Continuous Marker channels | - |  |
| Marker channels, timestamps | - |  |
| Marker channels, two timestamps | Spike\_SCR\_Marker.smr (2 channels), AEC\_11.smr (SCR & 8 event channels) | Dominik Bach, WTCN |

# Matlab, Text

Sample files are generated within the test environment

# Biopac Acqknowledge

|  |  |  |
| --- | --- | --- |
| up to 3.9: original acq file |  |  |
| Wave channels, Continuous Marker channels | Acq\_SCR.acq (SCR, no markers)  Acq\_SCR\_marker.acq (SCR, marker)  Acq\_ECG\_SCR\_Marker.acq (ECG, SCR, marker)  Acq\_various\_channels.acq (ECG, SCL, Marker, Marker, Marker, IBI, ?, HR, SCR) | Version 3.9.0 (45) James Prisciandaro, MUSC |
|  | Tuyen\_Breath\_Hold.acq, Tuyen\_Hand\_Grip.acq  (both: Grip, Plethysmography, SCR, Resp, Marker, Marker, Marker, Marker) | Version 3.9.0 (45) Tuyen Nguyen/Jin Fan, MSSM |
| from 4.2: exported acq file |  |  |
| Wave channels, continuous marker channels | Acq\_exported\_SCR\_Marker.mat (SCR, marker) | Version 4.2, Matthias Staib, UZH |
|  | subject1\_SCR\_to\_10\_painful\_shocks.mat (SCR, marker, EMG) | Version 4.2, Veronique Taylor/Mathieu Roy, U Montreal |
| Continuous Marker Channels with multiple marker values (>2) | import\_acq\_multimarker.mat (Marker Channel only) | Jenni Stevens Dept. of Psychiatry and Behavioral Sciences Emory University |

# ADInstruments LabChart

|  |  |  |
| --- | --- | --- |
| up to 7.1: external export toolbox |  |  |
| Wave channels with automatic marker recording | LabChartMat\_ext\_SCR\_ECG\_HR.mat (SCR, ECG, HR, markers) | Version ? Bhismadev Chakrabarti, Reading |
| from 7.2: integrated export function |  |  |
| Wave channels with automatic marker recording | LabChartMat\_in\_allchannels.mat (8 EMG channels, 4 other channels) | Version ? Jessika Golle, Bern |

# VarioPort

|  |  |  |
| --- | --- | --- |
| Wave channels, discrete marker channels | Varioport\_various\_channels.vdp (ECG, SCR, ?, Plethysmography, Pulse, SCR, IBI, Marker, ?) | Christoph Berger, University of Rostock |

# Biograph Infiniti

|  |  |  |
| --- | --- | --- |
| 1 wave channel | Biograph\_SCR.txt | James Heathers, University of Sydney |
| 1 timestamp event channel | Biograph\_HB.txt | James Heathers, University of Sydney |

# Mindmedia Biotrace

|  |  |  |
| --- | --- | --- |
| 1 wave channel with automatic marker recording | Biograph\_SCR.txt, Biograph\_SCR\_Marker.txt | Dominik Bach, recorded @ CVK with equipment provided by vanderMeer group @ HU |

# BrainVision

|  |  |  |
| --- | --- | --- |
| Wave channels, automatic marker recording | ECue16\_SCR.eeg (.vhdr, .vmrk) (SCR)  ECue32\_SCR.eeg (.vhdr, .vmrk) (SCR, marker) | Katrin Müsch, UKE |

# Dataq Windaq (32 bit systems only)

|  |  |  |
| --- | --- | --- |
| Wave channels, Continuous Marker channels | Proband\_01.wdq (SCR, ECG, marker) | Dominik Bach, UZH |

# Noldus Observer Compatible

|  |  |  |
| --- | --- | --- |
| Wave channels, continuous marker channels | ID0043-Laurens-BV\_COND.obs (Marker, SCR) | Gwylan Scheeren, U Amsterdam |

# Neuroscan

|  |  |  |
| --- | --- | --- |
| Wave channels, timestamp marker channels (32 or 64 bit storage) | currently no sample data |  |

# Biosemi

|  |  |  |
| --- | --- | --- |
| Wave channels, timestamp marker channels (24 bit storage) | 91316#00\_hab.bdf (?, EOG, EMG, EMG, SCR, SCR, ?, Resp, ?, + marker) | Steve Malone, UMN |

# Eyelink

|  |  |  |
| --- | --- | --- |
| Pupil channels, timestamp marker channels with comments | S114\_s2.asc (pupil left (diameter, x,y, blink), pupil right (diameter, x, y, blink), marker)  u\_sc4b31.asc (just one eye (diameter, x, y, blink, markers) | Christoph Korn, UZH |

# European Data Format (edf)

|  |  |  |
| --- | --- | --- |
| Wave channels and marker channels, exported from Psychlab into EDF format | TM012face.edf (1-5 EMG, 6-8 empty, 9 markers, 10 ECG, 11 empty, 12 SCR, 13 markers) | Catarina Kordsachia, Monash University |