## Devices

| name 98:D3:51:FD:71:01 | | | | address 98:D3:51:FD:71:01 | type bitalino_rev | sampling rate 1000 Hz |
|---|---|---|---|---|---|---|
| channel | label | sensor | resolution | | | |
| A2 | A2 | ECGBIT | 10 | | | |

| channel | label | sensor | resolution |
|---|---|---|---|
| I1 | INPUT | BTN | 1 |
| I2 | INPUT | Generic Input | 1 |
| O1 | OUTPUT | LED | 1 |
| O2 | OUTPUT | BUZ | 1 |
| DAC | DAC | PWM | 8 |

## Heart Rate Variability (HRV) analysis

| unit | session time | selection start | selection end | total processed time |
|---|---|---|---|---|
| Millivolt | 00:55.5 | 00:00.0 | 00:55.5 | 00:55.5 |

**98:D3:51:FD:71:01**

**A2 - ECGBIT**
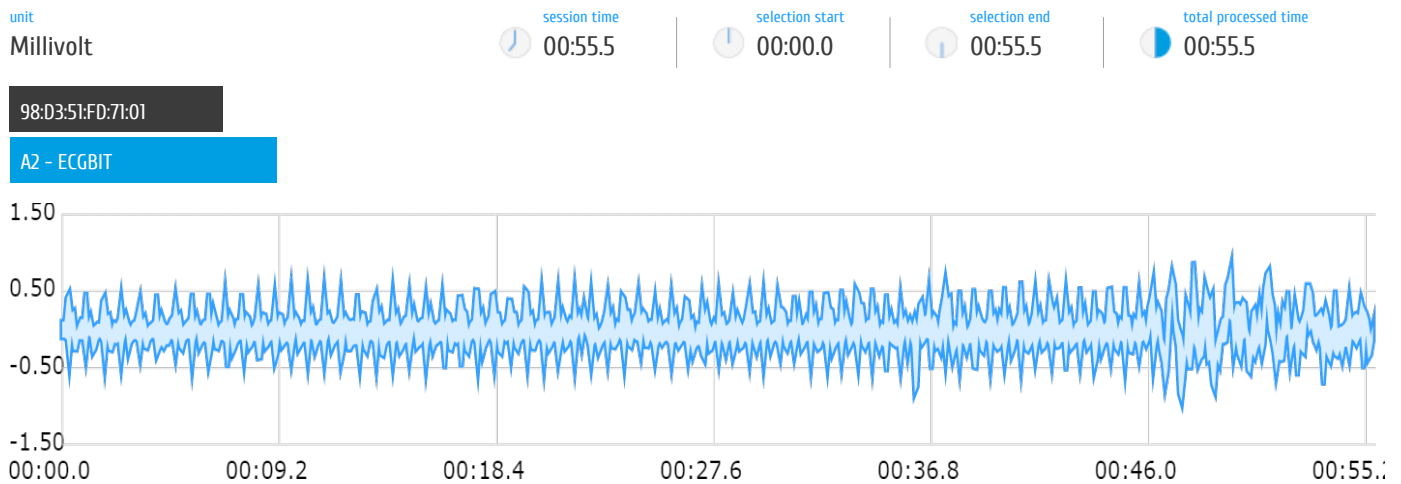


## Processed channels

**98:D3:51:FD:71:01**

A2
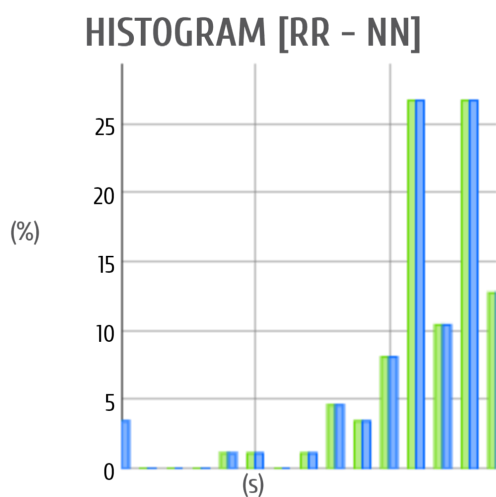
## Processing results

### Time parameters

**98:D3:51:FD:71:01**

| channel | MIN NN(ms) | MAX NN(ms) | AVG NN(ms) | SD NN(ms) | rMSSD NN | NN20 | pNN20(%) | NN50 | pNN50(%) | AVG IHR(BPM) | SD IHR(BPM) | SD NN Index | SD RR(ms) | SDANN(ms) | rMMSSD RR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 223 | 756 | 637 | 103 | 77 | 28 | 32 | 13 | 15 | 94 | 32 | 109 | 103 | 52 | 77 |

### Frequency parameters

**98:D3:51:FD:71:01**

|  | VLF | LF | HF | UNIT |
|---|---|---|---|---|
| FREQ | 0-0.04 | 0.04-0.15 | 0.15-0.4 | Hz |
| PEAK | 0.019 | 0.111 | 0.352 | Hz |
| POWER | 977 | 140 | 64 | ms^2 |
| POWER | 83 | 12 | 5 | % |
| POWER |  | 69 | 31 | n.u. |
|  |  |  |  |  |
| LF/HF |  | 2.2 |  |  |

### Non linear parameters

**98:D3:51:FD:71:01**

| SD1 (ms) | SD2 (ms) | SD1/SD2 | AREA |
|---|---|---|---|
| 55 | 136 | 0.4 | 23499 |

plux

## TACHOGRAM [RR – IHR]



## TACHOGRAM [NN – IHR]



## HISTOGRAM [RR – NN]



## IHR HISTOGRAM [RR – NN]



## POWER SPECTRAL DENSITY



## POINCARE PLOT
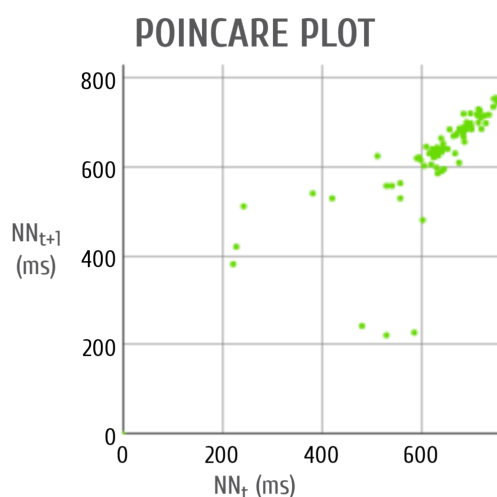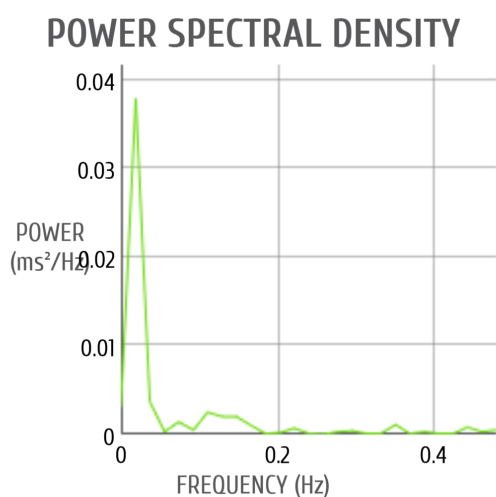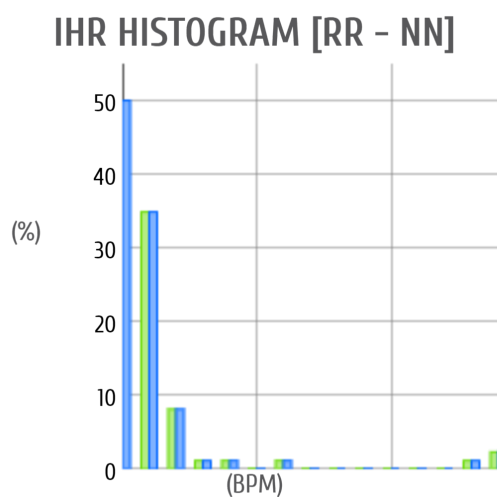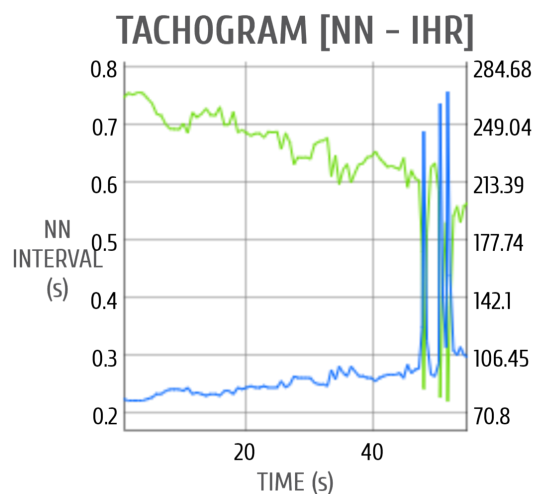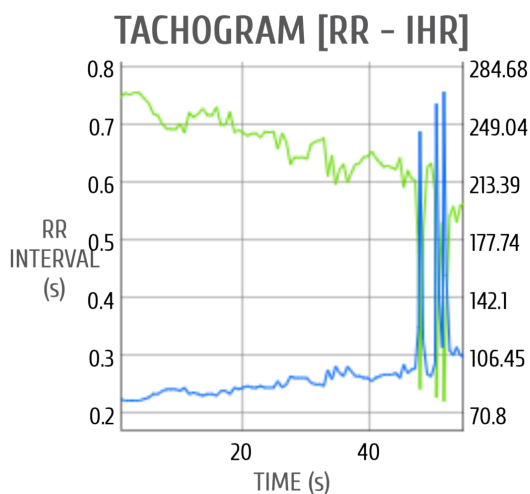


## Glossary

1. HRV: Heart Rate Variability.