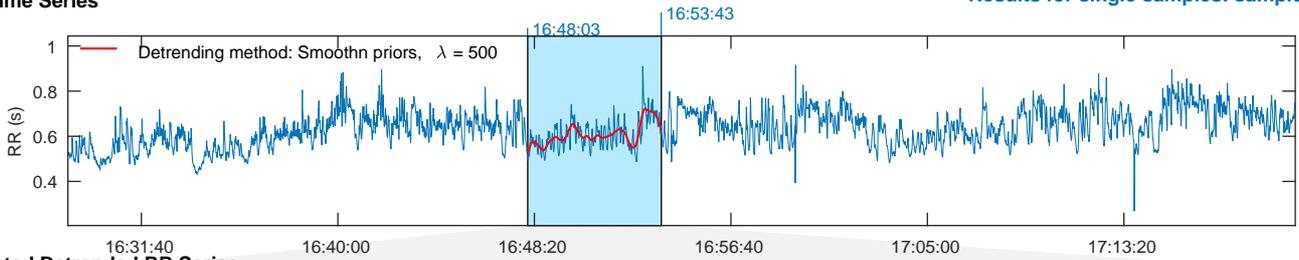


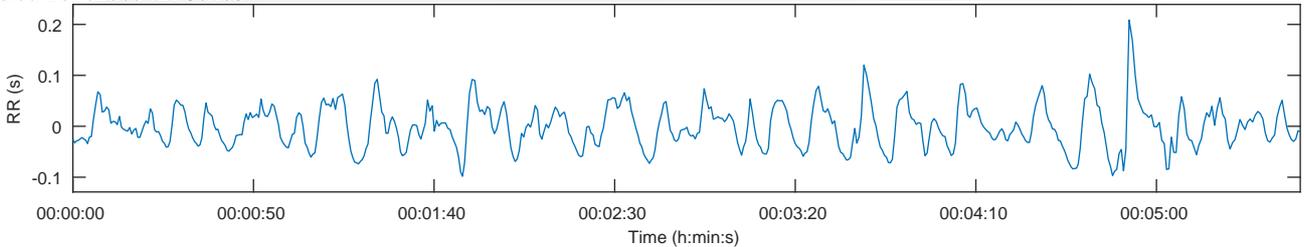
HRV Analysis Results

RR Time Series

Results for single samples: [sample 1/4](#)



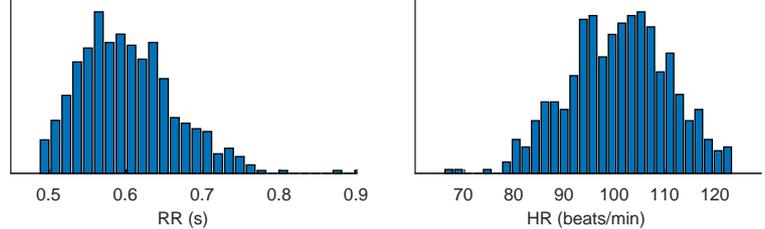
Selected Detrended RR Series



Time-Domain Results

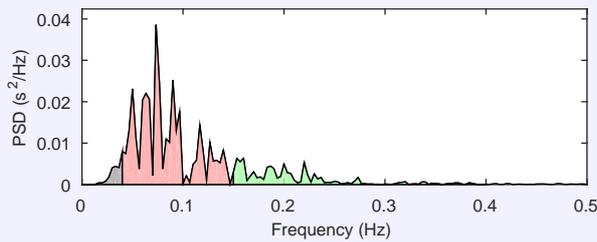
Variable	Units	Value
Mean RR*	(ms)	602.3
STD RR (SDNN)	(ms)	40.8
Mean HR*	(beats/min)	99.61
Min/Max HR	(beats/min)	72.80/122.30
RMSSD	(ms)	22.7
NNxx	(beats)	13
pNNxx	(%)	2.3
RR triangular index		12.841
TINN	(ms)	246.0

Distributions*



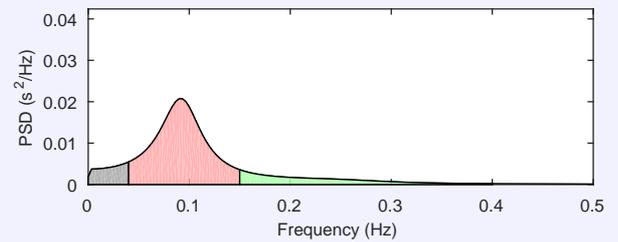
Frequency-Domain Results

FFT spectrum (Welch's periodogram: 300 s window with 50% overlap)



Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	66	4.197	4.4	
LF (0.04-0.15 Hz)	0.0733	1164	7.060	76.7	80.2
HF (0.15-0.4 Hz)	0.1600	288	5.663	19.0	19.8
Total		1518	7.325		
LF/HF		4.042			

AR Spectrum (AR model order = 16, not factorized)

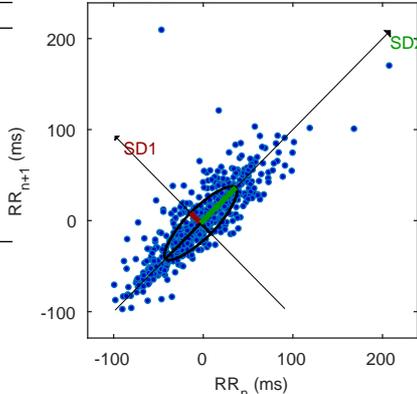


Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	167	5.116	9.9	
LF (0.04-0.15 Hz)	0.0900	1238	7.121	73.5	81.6
HF (0.15-0.4 Hz)	0.1500	278	5.629	16.5	18.4
Total		1684	7.429		
LF/HF		4.446			

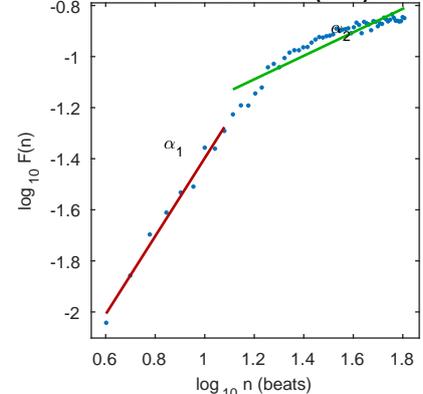
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	16.1
SD2	(ms)	55.5
SD2/SD1		3.451
Approximate Entropy (ApEn)		1.042
Sample Entropy (SampEn)		1.071
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α ₁		1.529
Long-term fluctuations, α ₂		0.460

Poincare Plot



Detrended fluctuations (DFA)

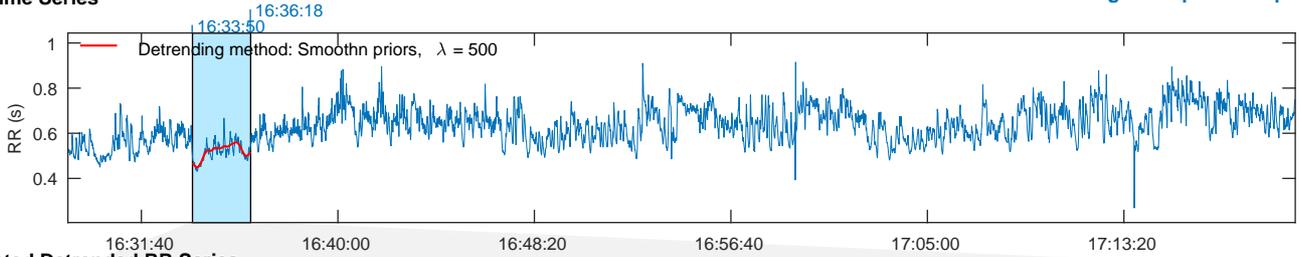


*Results are calculated from the non-detrended selected RR series.

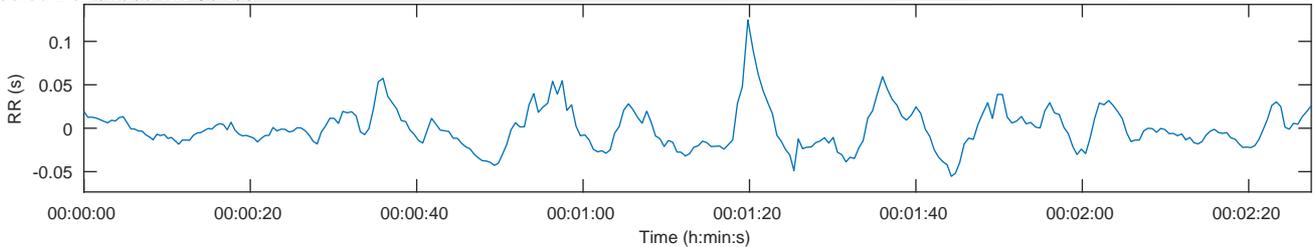
HRV Analysis Results

RR Time Series

Results for single samples: sample 2/4



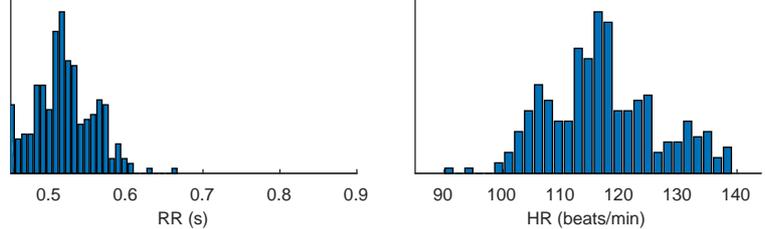
Selected Detrended RR Series



Time-Domain Results

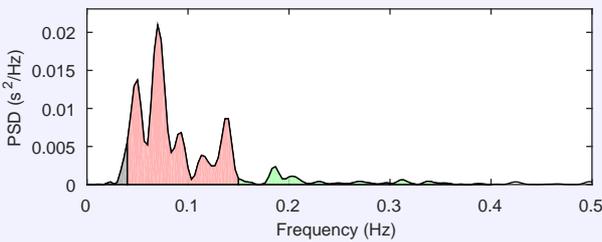
Variable	Units	Value
Mean RR*	(ms)	515.7
STD RR (SDNN)	(ms)	22.8
Mean HR*	(beats/min)	116.35
Min/Max HR	(beats/min)	97.43/137.99
RMSSD	(ms)	11.4
NNxx	(beats)	1
pNNxx	(%)	0.3
RR triangular index		5.218
TINN	(ms)	136.0

Distributions*



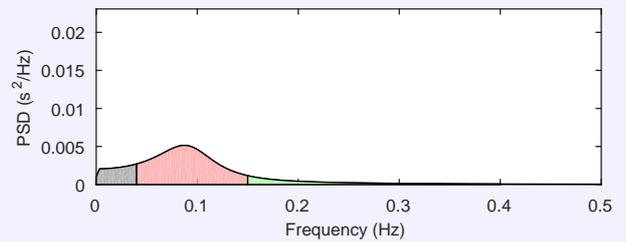
Frequency-Domain Results

FFT spectrum (Welch's periodogram: 300 s window with 50% overlap)



Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	30	3.415	3.4	
LF (0.04-0.15 Hz)	0.0700	773	6.651	87.1	90.2
HF (0.15-0.4 Hz)	0.1867	84	4.435	9.5	9.8
Total		888	6.789		
LF/HF		9.165			

AR Spectrum (AR model order = 16, not factorized)

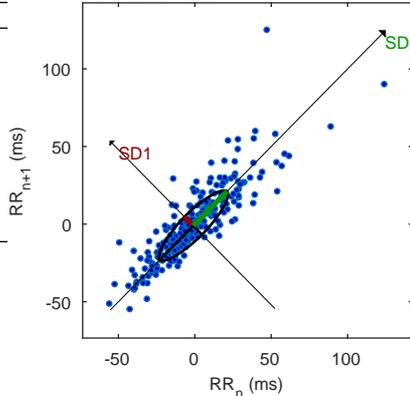


Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	89	4.485	16.5	
LF (0.04-0.15 Hz)	0.0867	380	5.939	70.5	84.4
HF (0.15-0.4 Hz)	0.1500	70	4.251	13.0	15.6
Total		539	6.289		
LF/HF		5.409			

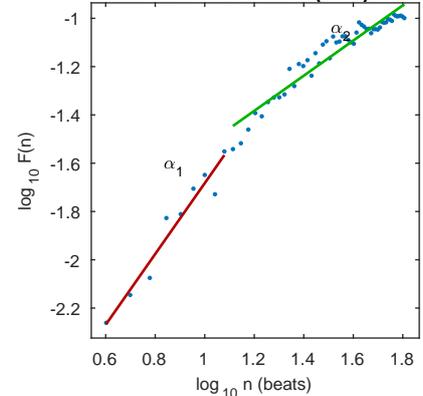
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	8.1
SD2	(ms)	31.2
SD2/SD1		3.854
Approximate Entropy (ApEn)		0.888
Sample Entropy (SampEn)		0.934
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α ₁		1.466
Long-term fluctuations, α ₂		0.728

Poincare Plot



Detrended fluctuations (DFA)

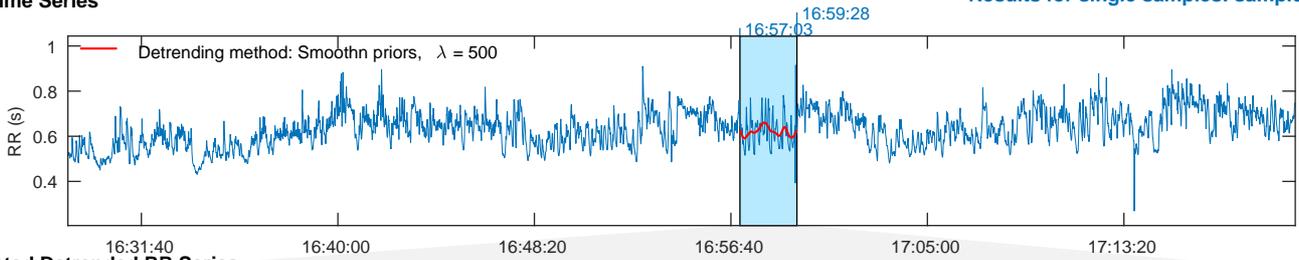


*Results are calculated from the non-detrended selected RR series.

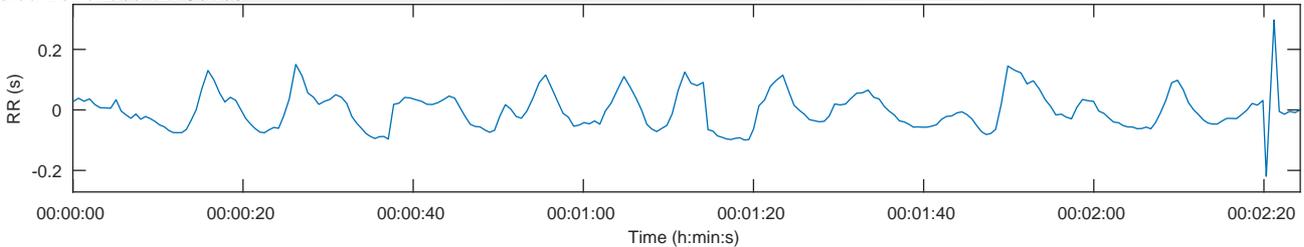
HRV Analysis Results

RR Time Series

Results for single samples: sample 3/4



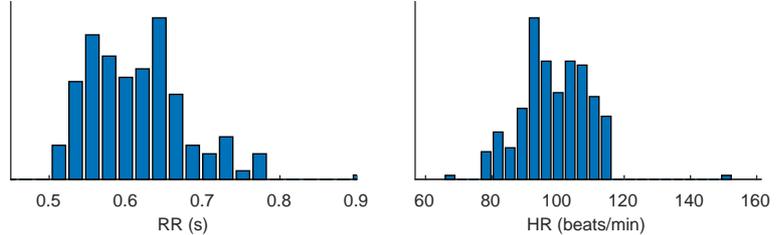
Selected Detrended RR Series



Time-Domain Results

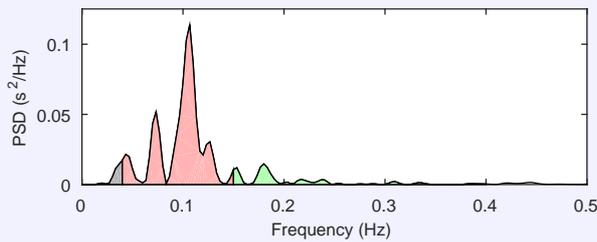
Variable	Units	Value
Mean RR*	(ms)	614.1
STD RR (SDNN)	(ms)	60.1
Mean HR*	(beats/min)	97.71
Min/Max HR	(beats/min)	79.47/115.38
RMSSD	(ms)	51.4
NNxx	(beats)	18
pNNxx	(%)	7.7
RR triangular index		13.111
TINN	(ms)	379.0

Distributions*



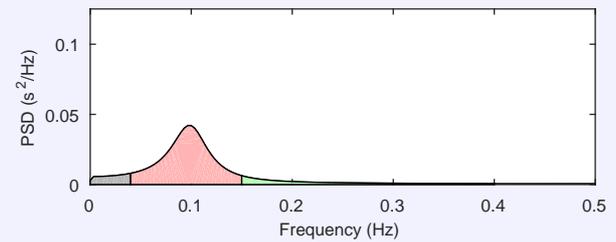
Frequency-Domain Results

FFT spectrum (Welch's periodogram: 300 s window with 50% overlap)



Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	142	4.956	3.9	
LF (0.04-0.15 Hz)	0.1067	3046	8.022	83.7	87.1
HF (0.15-0.4 Hz)	0.1800	449	6.108	12.4	12.9
Total		3638	8.199		
LF/HF		6.778			

AR Spectrum (AR model order = 16, not factorized)

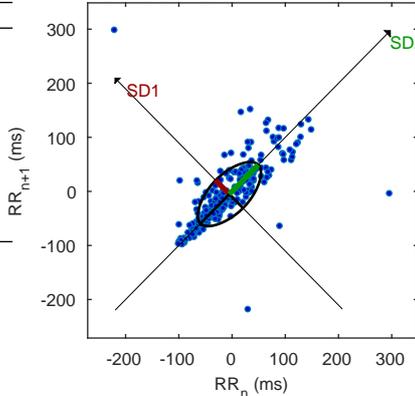


Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	249	5.519	8.5	
LF (0.04-0.15 Hz)	0.0967	2301	7.741	78.3	85.6
HF (0.15-0.4 Hz)	0.1500	387	5.959	13.2	14.4
Total		2939	7.986		
LF/HF		5.944			

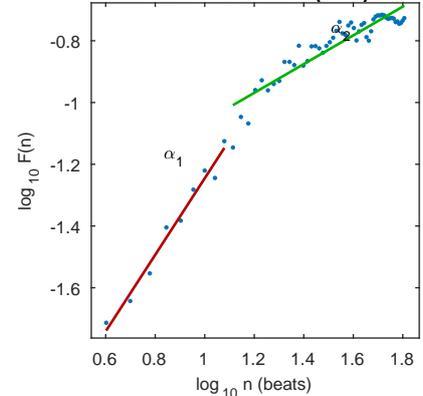
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	36.4
SD2	(ms)	76.9
SD2/SD1		2.111
Approximate Entropy (ApEn)		0.774
Sample Entropy (SampEn)		0.834
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α_1		1.240
Long-term fluctuations, α_2		0.466

Poincare Plot



Detrended fluctuations (DFA)

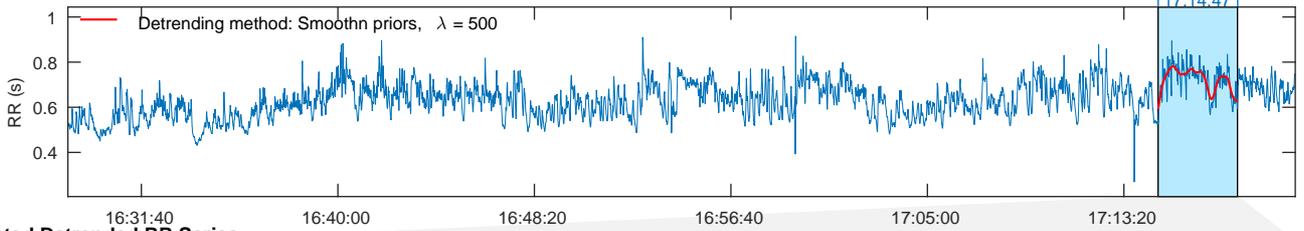


*Results are calculated from the non-detrended selected RR series.

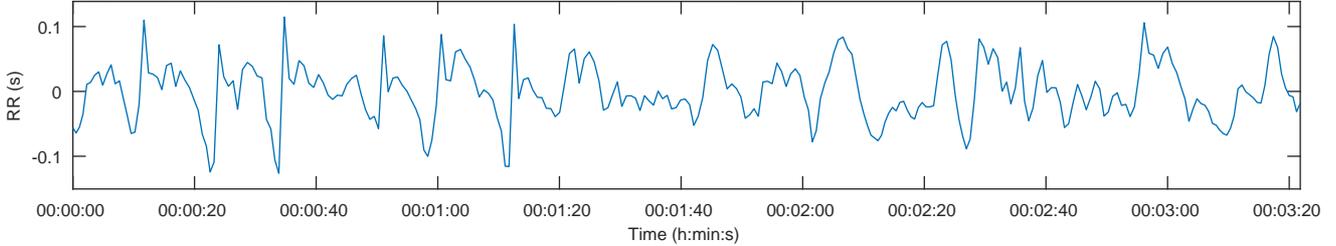
HRV Analysis Results

RR Time Series

Results for single samples: **sample 4/4**



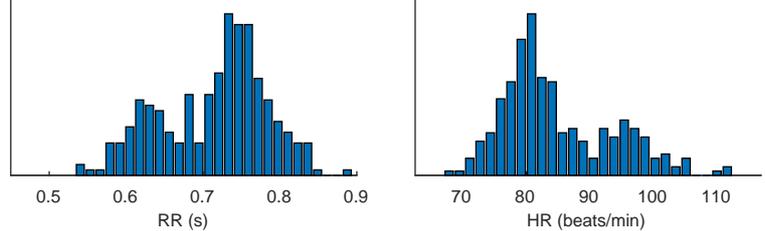
Selected Detrended RR Series



Time-Domain Results

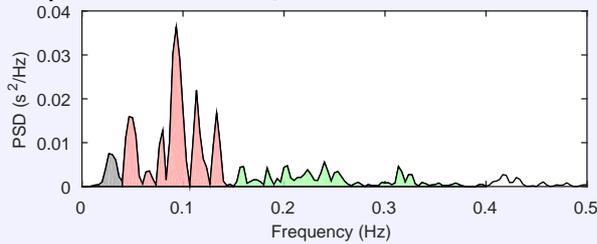
Variable	Units	Value
Mean RR*	(ms)	715.0
STD RR (SDNN)	(ms)	43.7
Mean HR*	(beats/min)	83.91
Min/Max HR	(beats/min)	72.53/106.31
RMSSD	(ms)	38.2
NNxx	(beats)	27
pNNxx	(%)	9.6
RR triangular index		11.792
TINN	(ms)	193.0

Distributions*



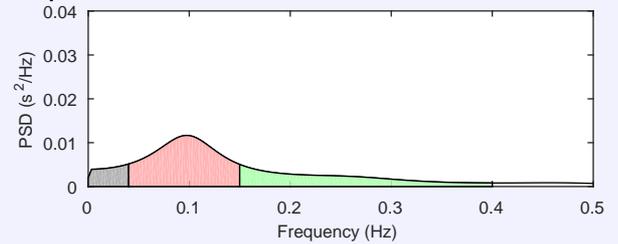
Frequency-Domain Results

FFT spectrum (Welch's periodogram: 300 s window with 50% overlap)



Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0267	98	4.588	6.5	
LF (0.04-0.15 Hz)	0.0933	1045	6.951	69.6	74.4
HF (0.15-0.4 Hz)	0.2400	358	5.882	23.9	25.5
Total		1501	7.314		
LF/HF		2.914			

AR Spectrum (AR model order = 16, not factorized)

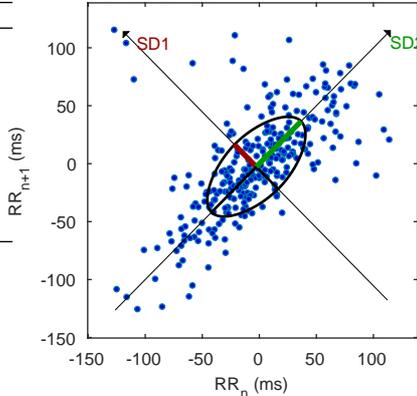


Frequency Band	Peak (Hz)	Power (ms ²)	Power (log)	Power (%)	Power (n.u.)
VLF (0-0.04 Hz)	0.0400	169	5.129	10.4	
LF (0.04-0.15 Hz)	0.0967	932	6.837	57.4	64.0
HF (0.15-0.4 Hz)	0.1500	522	6.257	32.1	35.9
Total		1624	7.393		
LF/HF		1.786			

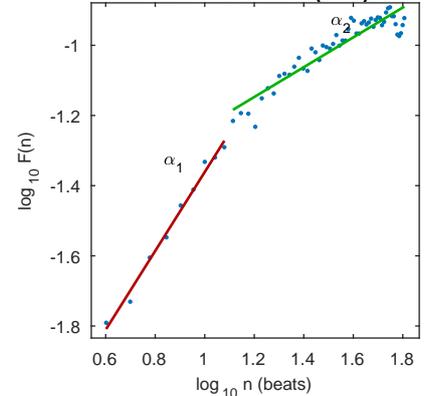
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	27.1
SD2	(ms)	55.5
SD2/SD1		2.052
Approximate Entropy (ApEn)		1.009
Sample Entropy (SampEn)		1.408
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α_1		1.124
Long-term fluctuations, α_2		0.425

Poincare Plot



Detrended fluctuations (DFA)



*Results are calculated from the non-detrended selected RR series.