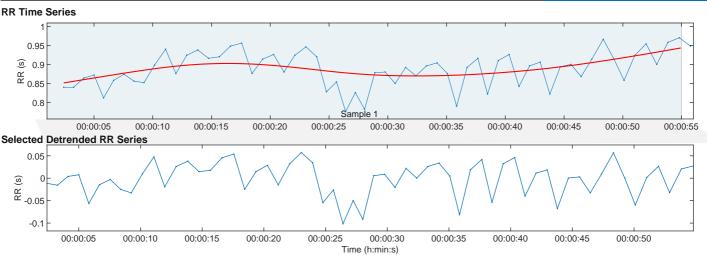
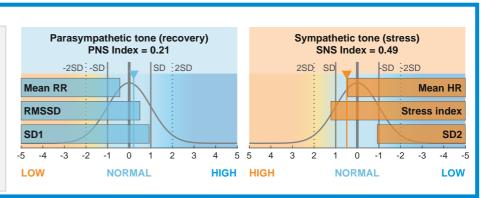
## **HRV Analysis - Standard Results**



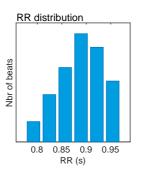


#### Autonomic nervous system indexes Parasympathetic Nervous System (PNS) Mean RR **RMSSD 887** ms **49.4** ms 46.8% PNS Index = 0.21Sympathetic Nervous System (SNS) Stress index SD2 Mean HR **68** bpm 12.8 53.2% SNS Index = 0.49



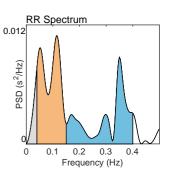
## Time-Domain Results

Variable	Units	Value
Mean RR*	(ms)	887
Mean HR*	(bpm)	68
Min HR	(bpm)	63
Max HR	(bpm)	74
SDNN	(ms)	37.5
RMSSD	(ms)	49.4
NN50	(beats)	20
pNN50	(%)	33.90
RR triangular	7.50	
TINN	(ms)	149.0
Stress Index	(SI)	12.8
DC	(ms)	26.6
DCmod	(ms)	51.4



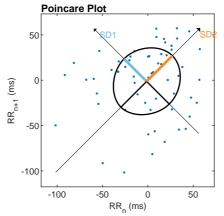
### Frequency-Domain Results (FFT spectrum)

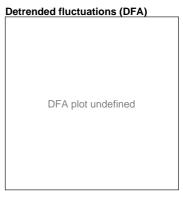
Variable	Units	VLF	LF	HF
Frequency band	(Hz)	0.00-0.04	0.04-0.15	0.15-0.40
Peak frequency	(Hz)	0.040	0.113	0.350
Power	$(ms^2)$	113	800	657
Power	(log)	4.726	6.684	6.488
Power	(%)	7.17	50.84	41.79
Power	(n.u.)		54.77	45.02
Total power	$(ms^2)$	1573		
Total Power	(log)	7.361		
LF/HF ratio		1.216		
RESP	(Hz)	-		



#### **Nonlinear Results**

Variable	Units	Value
Poincare Plot		
SD1	(ms)	35.2
SD2	(ms)	40.1
SD2/SD1		1.138
Approximate Entropy (ApEn)		-
Sample Entropy (SampEn)		-
Detrended Fluctutation Analysis (DFA)		-
Short-term fluctuations, $\alpha$ 1		-
Long-term fluctuations, $\alpha$ 2		
Correlation Dimension (D2)		-
Recurrence Plot Analysis (RPA)	(beats)	-
Mean line length (Lmean)	(beats)	-
Max line length (Lmax)	(%)	-
Recurrence rate (REC)	(%)	-
Determinism (DET)		-
Shannon Entropy (ShanEn)		-
Multi-Scale Entropy (MSE)		-

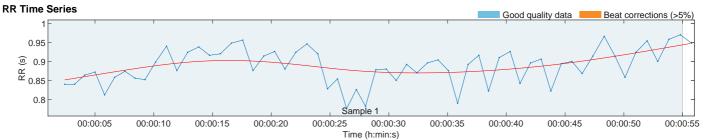




\*Results are calculated from the non-detrended selected RR series.

# **HRV Analysis - Time-Varying Results**





TIME-VARYING RESULTS NOT DEFINED (Not enough good quality data available for time-varying analysis)

