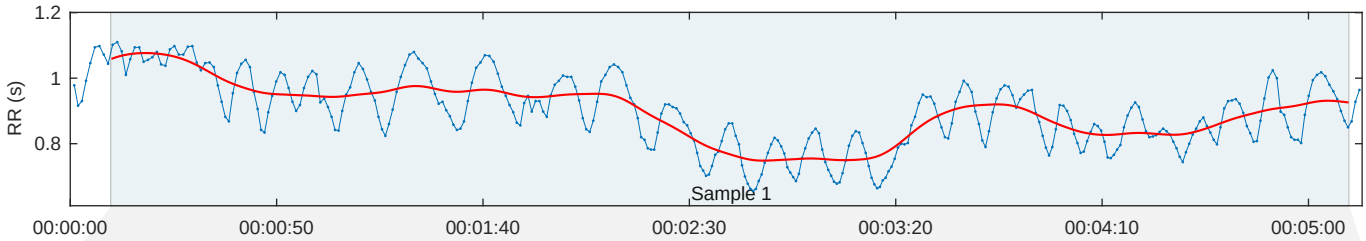
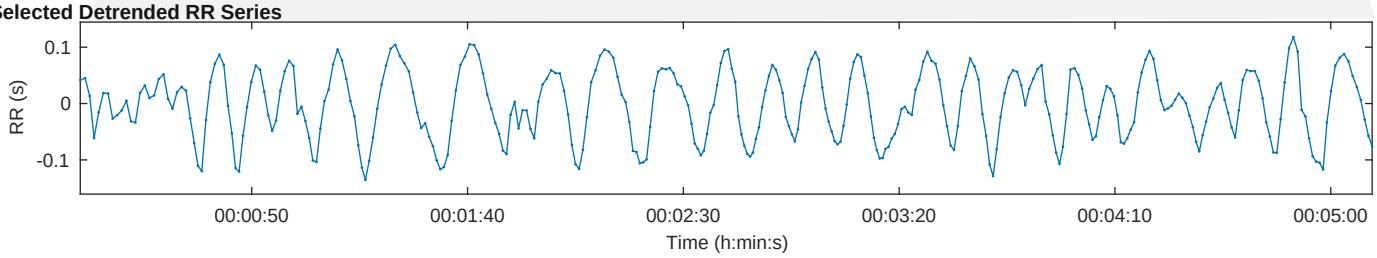
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:10
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Artefact corr.:	none	Sample length:	00:05:00
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:13	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

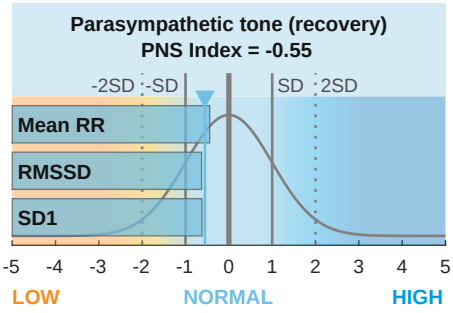
Mean RR	RMSSD	SD1
886 ms	**32.6** ms	**22.1**%

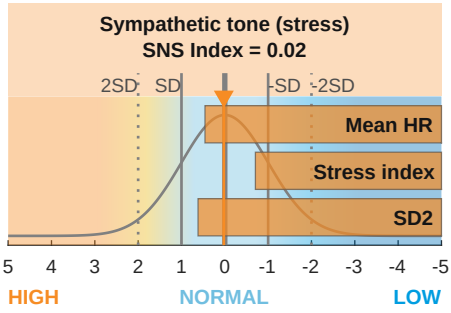
PNS Index = -0.55

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
68 bpm	**7.8**	**77.9**%

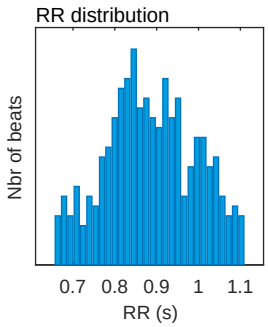
SNS Index = 0.02





Time-Domain Results

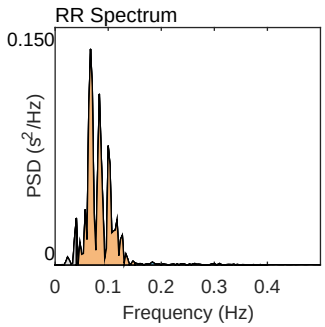
Variable	Units	Value
Mean RR*	(ms)	886
Mean HR*	(bpm)	68
Min HR	(bpm)	54
Max HR	(bpm)	90
SDNN	(ms)	59.7
RMSSD	(ms)	32.6
NN50	(beats)	39
pNN50	(%)	11.54
RR triangular index		16.95
TINN	(ms)	295.0
Stress Index (SI)		7.8



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	0.067	0.183
Power	(ms^2)	148	3530	90
Power	(log)	4.995	8.169	4.497
Power	(%)	3.92	93.70	2.38
Power	(n.u.)		97.52	2.48

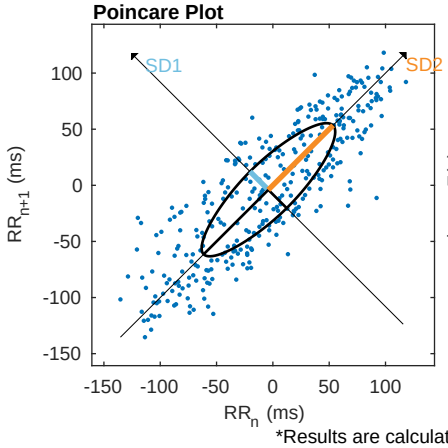
Total power	(ms^2)	3768		
Total Power	(log)	8.234		
LF/HF ratio		39.337		
RESP	(Hz)	-		



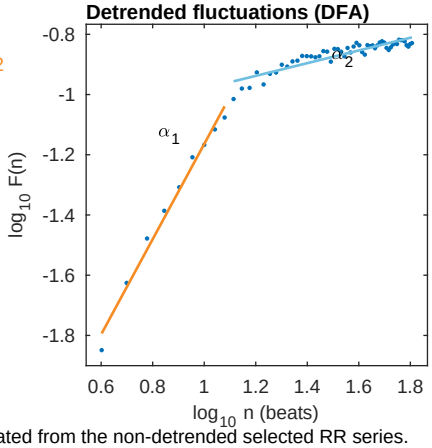
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	23.1
SD2	(ms)	81.3
SD2/SD1		3.523
Approximate Entropy (ApEn)		0.900
Sample Entropy (SampEn)		1.049
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.581
Long-term fluctuations, $\alpha 2$		0.211

Poincare Plot



Detrended fluctuations (DFA)



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