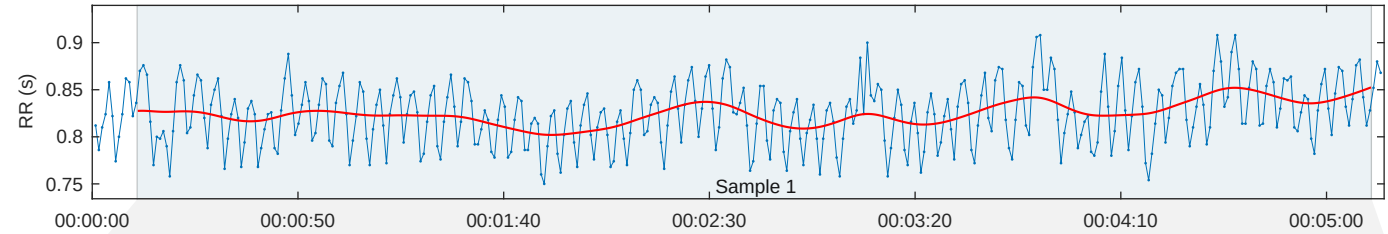
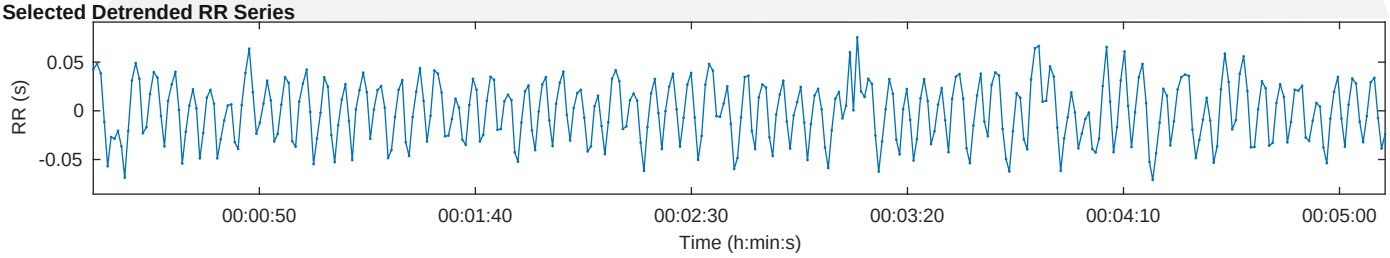
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:12
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:	00:05:14	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

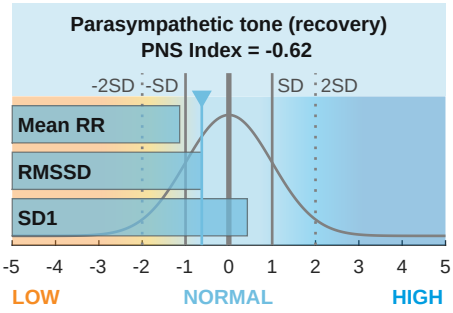
Mean RR	RMSSD	SD1
824 ms	**32.6** ms	**38.8**%

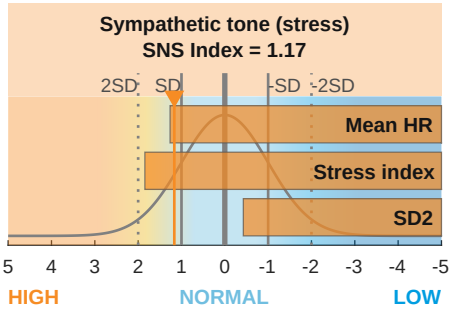
PNS Index = -0.62

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
73 bpm	**14.4**	**61.2**%

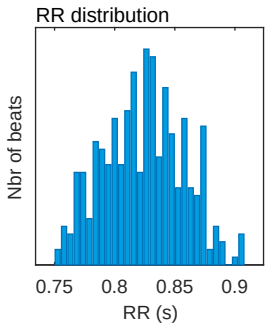
SNS Index = 1.17





Time-Domain Results

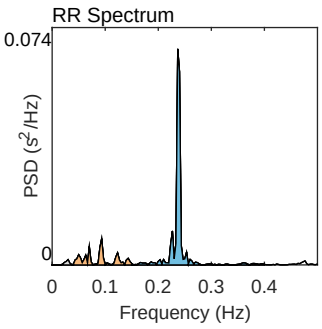
Variable	Units	Value
Mean RR*	(ms)	824
Mean HR*	(bpm)	73
Min HR	(bpm)	68
Max HR	(bpm)	76
SDNN	(ms)	30.4
RMSSD	(ms)	32.6
NN50	(beats)	40
pNN50	(%)	11.02
RR triangular index		10.11
TINN	(ms)	158.0
Stress Index (SI)		14.4



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)	0.030	0.093	0.237
Power	(ms^2)	15	180	639
Power	(log)	2.705	5.195	6.460
Power	(%)	1.79	21.62	76.57
Power	(n.u.)		22.02	77.97

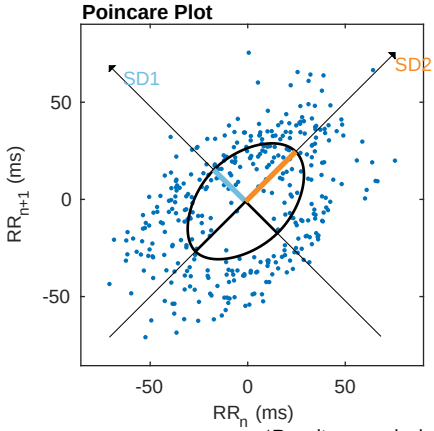
Total power	(ms^2)	834		
Total Power	(log)	6.727		
LF/HF ratio		0.282		
RESP	(Hz)	-		



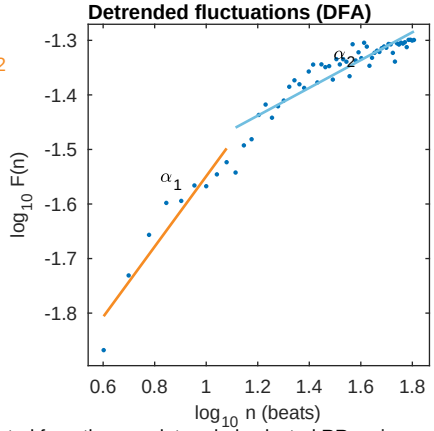
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	23.1
SD2	(ms)	36.3
SD2/SD1		1.575
Approximate Entropy (ApEn)		0.965
Sample Entropy (SampEn)		1.268
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.645
Long-term fluctuations, $\alpha 2$		0.255

Poincare Plot



Detrended fluctuations (DFA)



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