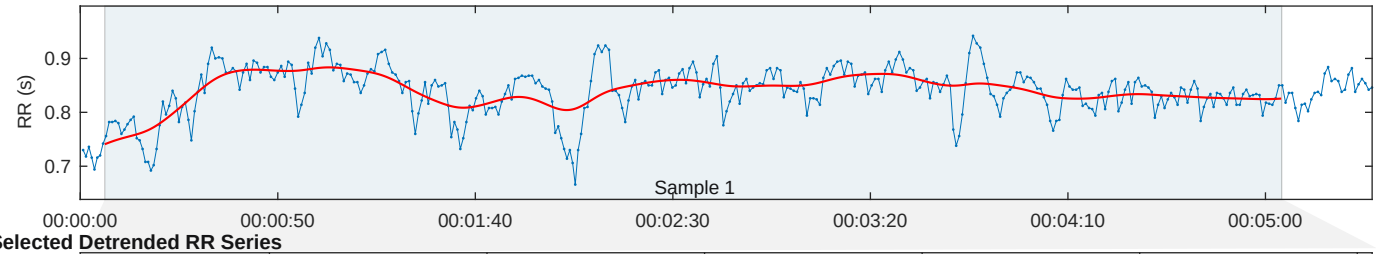
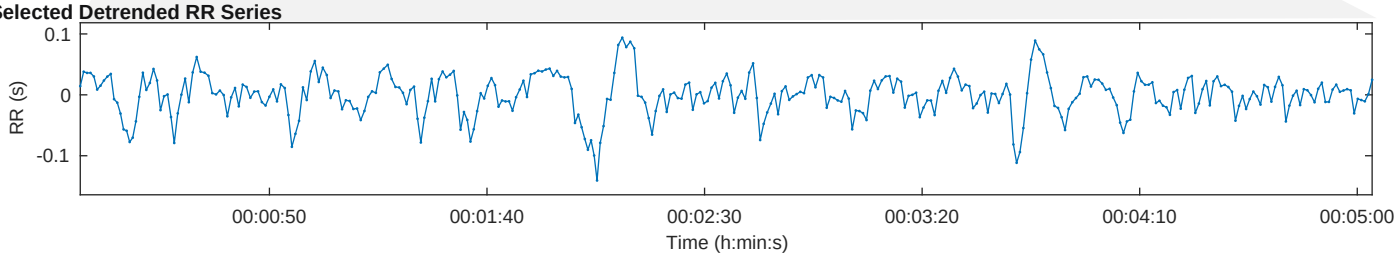
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:07
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Artefact corr.:	none	Sample length:	00:04:58
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:27	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

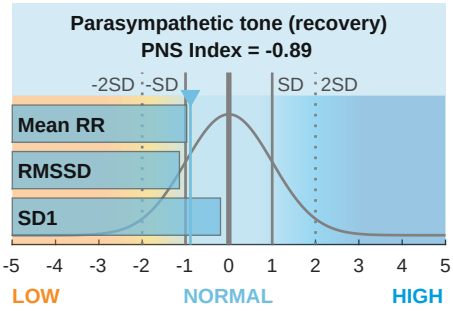
Mean RR	RMSSD	SD1
838 ms	**24.9** ms	**28.9**%

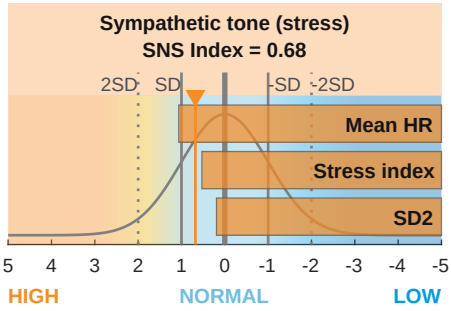
PNS Index = -0.89

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
72 bpm	**11.0**	**71.1**%

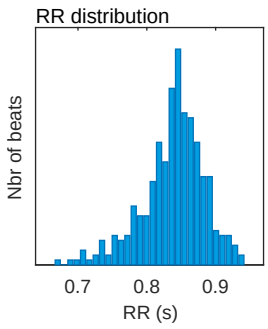
SNS Index = 0.68





Time-Domain Results

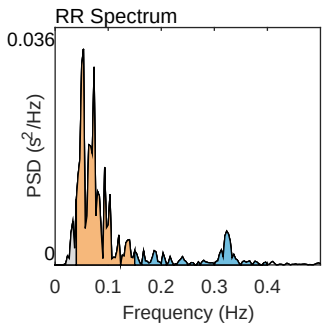
Variable	Units	Value
Mean RR*	(ms)	838
Mean HR*	(bpm)	72
Min HR	(bpm)	65
Max HR	(bpm)	85
SDNN	(ms)	33.0
RMSSD	(ms)	24.9
NN50	(beats)	15
pNN50	(%)	4.24
RR triangular index		7.40
TINN	(ms)	174.0
Stress Index (SI)		11.0



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	0.053	0.323
Power	(ms^2)	71	963	202
Power	(log)	4.269	6.870	5.306
Power	(%)	5.78	77.91	16.30
Power	(n.u.)		82.69	17.30

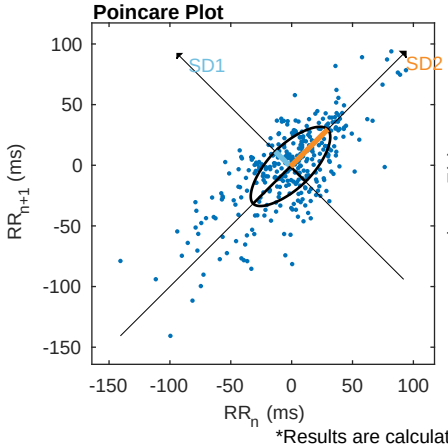
Total power	(ms^2)	1236		
Total Power	(log)	7.120		
LF/HF ratio		4.779		
RESP	(Hz)	-		



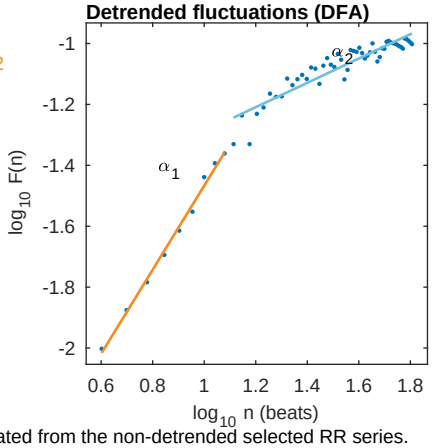
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	17.6
SD2	(ms)	43.3
SD2/SD1		2.457
Approximate Entropy (ApEn)		1.183
Sample Entropy (SampEn)		1.620
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.380
Long-term fluctuations, $\alpha 2$		0.399

Poincare Plot



Detrended fluctuations (DFA)



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