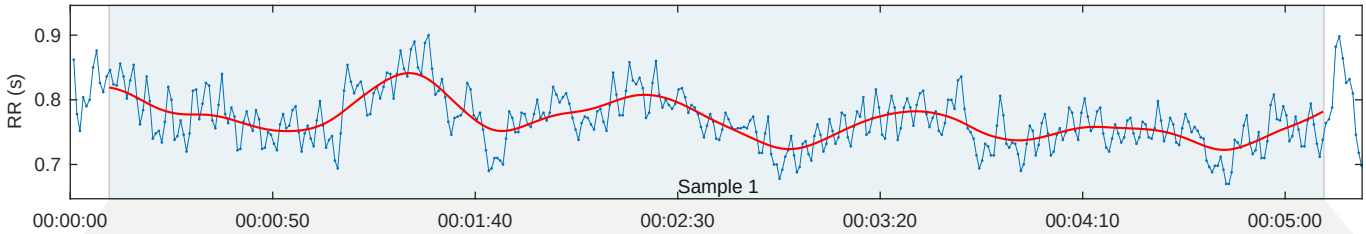
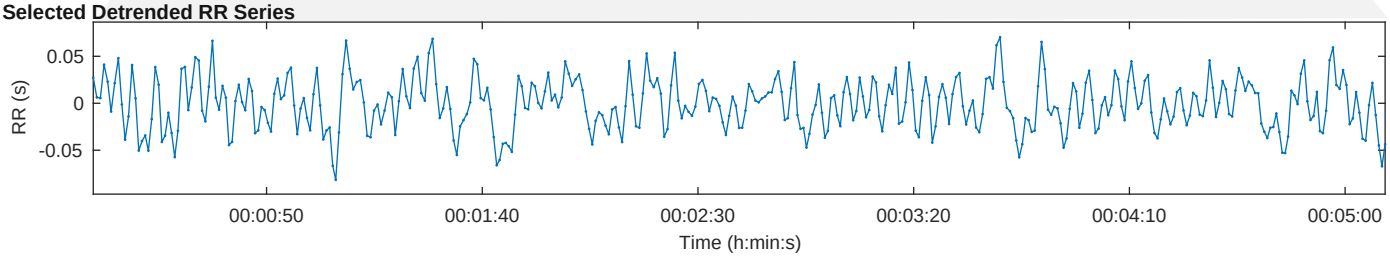
HRV Analysis Results

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:	00:05:19	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

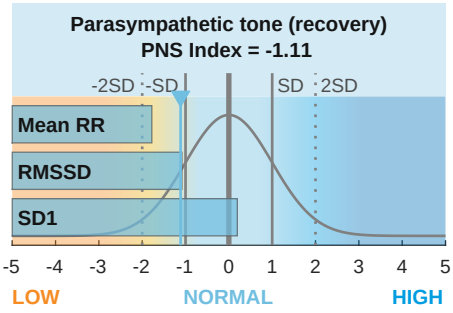
Mean RR	RMSSD	SD1
766 ms	**25.8** ms	**35.1**%

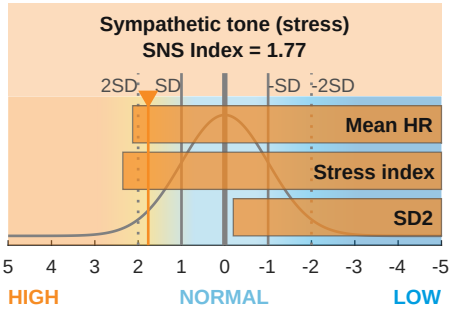
PNS Index = -1.11

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
78 bpm	**15.8**	**64.9**%

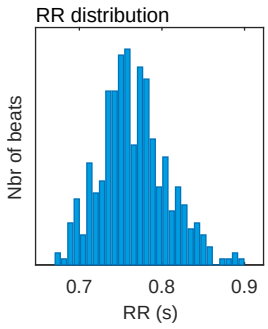
SNS Index = 1.77





Time-Domain Results

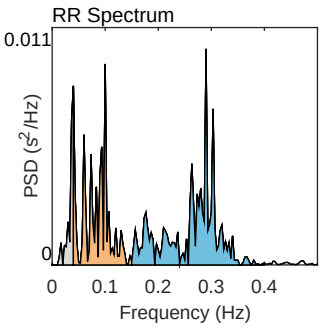
Variable	Units	Value
Mean RR*	(ms)	766
Mean HR*	(bpm)	78
Min HR	(bpm)	69
Max HR	(bpm)	87
SDNN	(ms)	27.1
RMSSD	(ms)	25.8
NN50	(beats)	16
pNN50	(%)	4.09
RR triangular index		7.54
TINN	(ms)	135.0
Stress Index (SI)		15.8



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	0.100	0.290
Power	(ms^2)	58	212	321
Power	(log)	4.064	5.357	5.770
Power	(%)	9.85	35.90	54.24
Power	(n.u.)		39.82	60.17

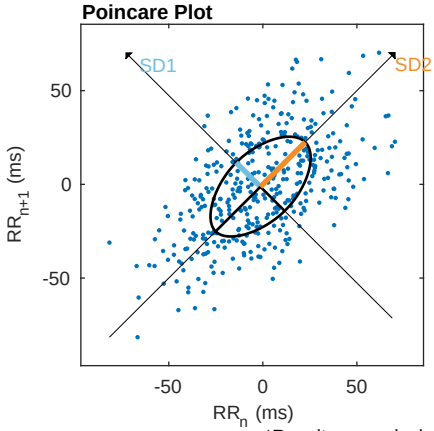
Total power	(ms^2)	591		
Total Power	(log)	6.382		
LF/HF ratio		0.662		
RESP	(Hz)	-		



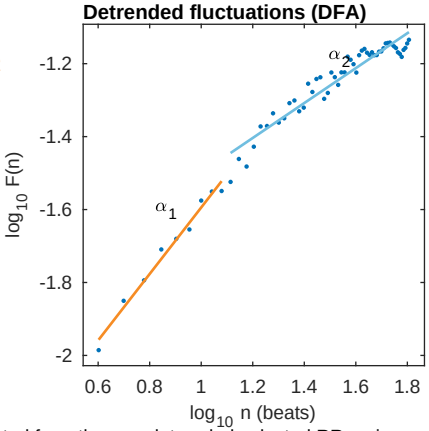
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	18.2
SD2	(ms)	33.7
SD2/SD1		1.847
Approximate Entropy (ApEn)		1.276
Sample Entropy (SampEn)		2.113
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.911
Long-term fluctuations, $\alpha 2$		0.479

Poincare Plot



Detrended fluctuations (DFA)



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