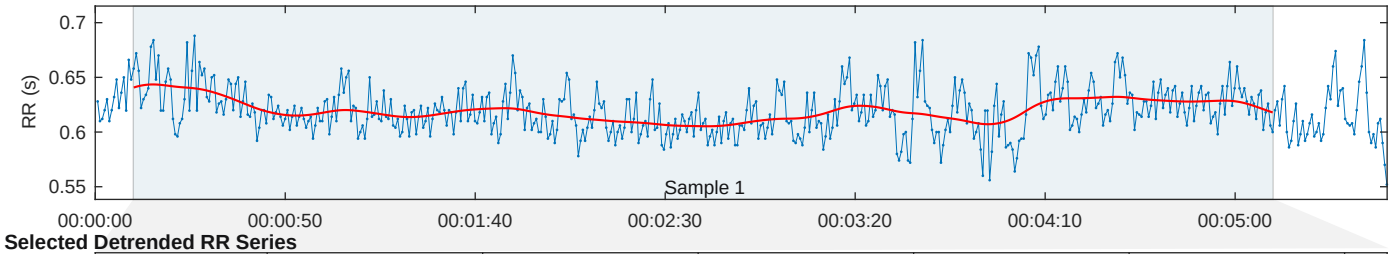
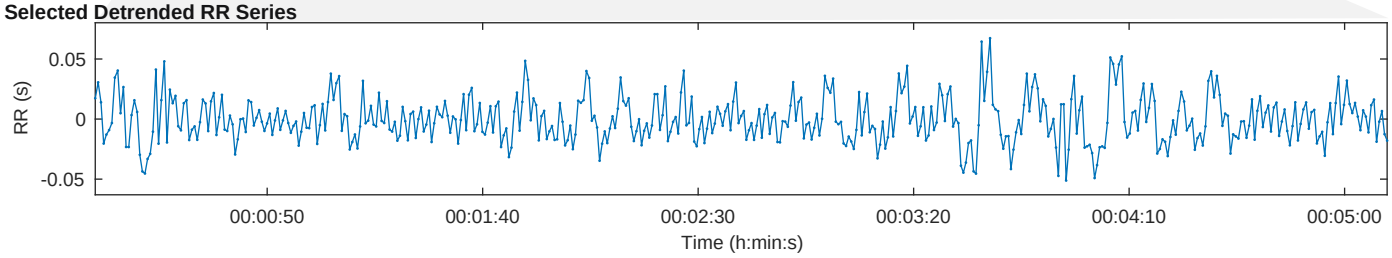
HRV Analysis Results

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:	00:05:40	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

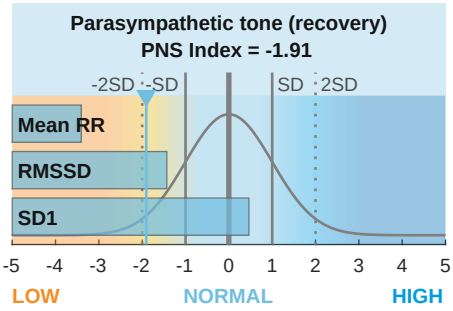
Mean RR	RMSSD	SD1
619 ms	**20.5** ms	**39.4**%

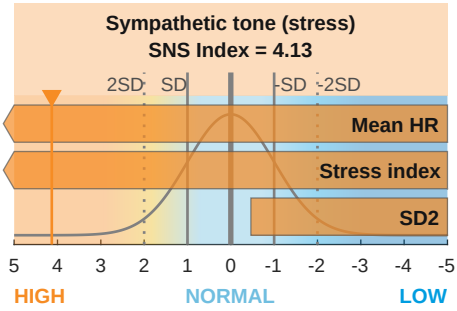
PNS Index = -1.91

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
97 bpm	**23.1**	**60.6**%

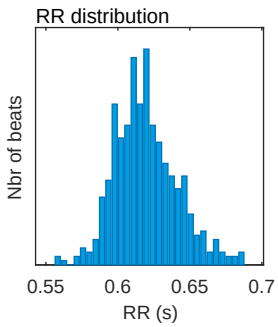
SNS Index = 4.13





Time-Domain Results

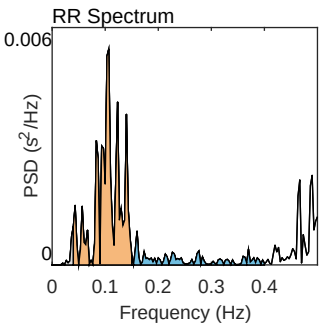
Variable	Units	Value
Mean RR*	(ms)	619
Mean HR*	(bpm)	97
Min HR	(bpm)	90
Max HR	(bpm)	103
SDNN	(ms)	18.8
RMSSD	(ms)	20.5
NN50	(beats)	9
pNN50	(%)	1.86
RR triangular index		5.57
TINN	(ms)	94.0
Stress Index (SI)		23.1



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	0.107	0.160
Power	(ms^2)	5	180	33
Power	(log)	1.667	5.193	3.483
Power	(%)	2.43	82.61	14.94
Power	(n.u.)		84.67	15.31

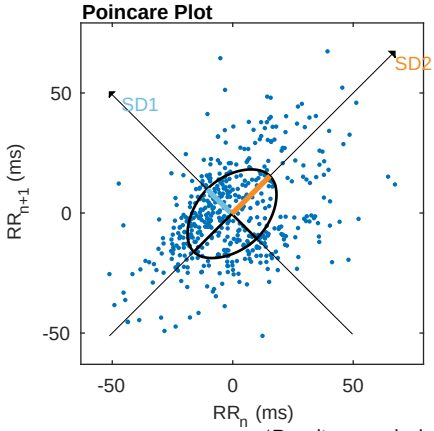
Total power	(ms^2)	218		
Total Power	(log)	5.384		
LF/HF ratio		5.530		
RESP	(Hz)	-		



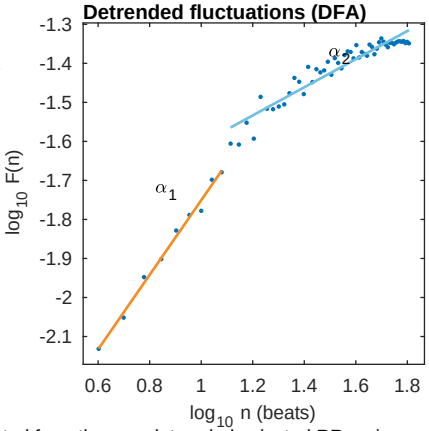
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	14.5
SD2	(ms)	22.3
SD2/SD1		1.537
Approximate Entropy (ApEn)		1.273
Sample Entropy (SampEn)		1.794
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.955
Long-term fluctuations, $\alpha 2$		0.360

Poincare Plot



Detrended fluctuations (DFA)



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