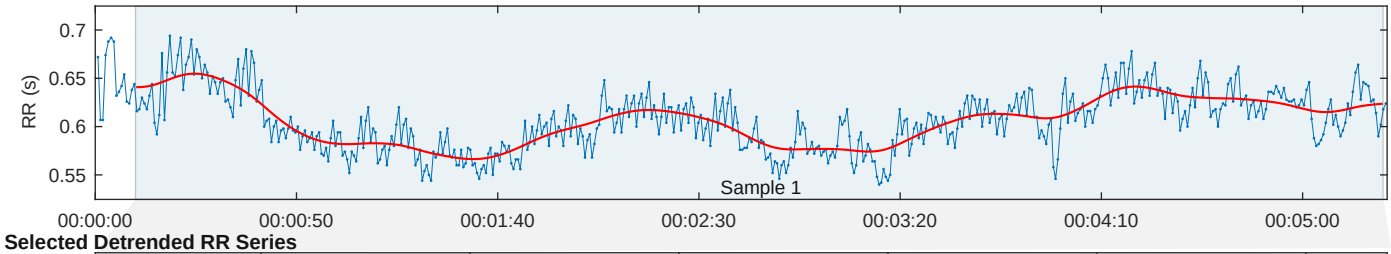
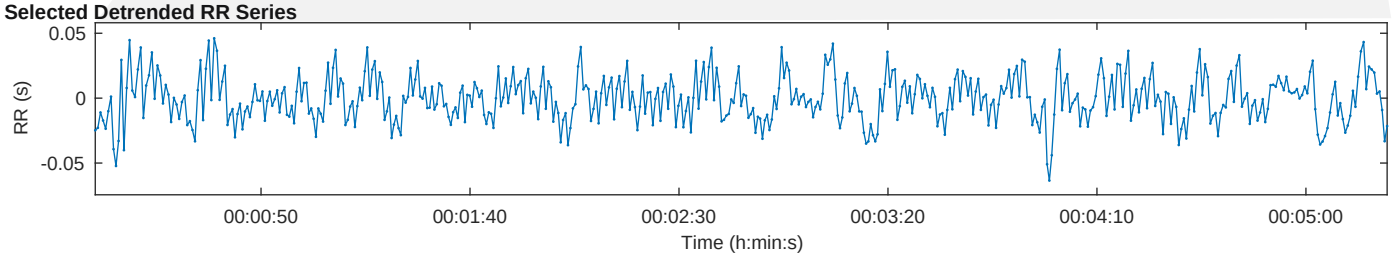
HRV Analysis Results

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:	00:05:10
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:21	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

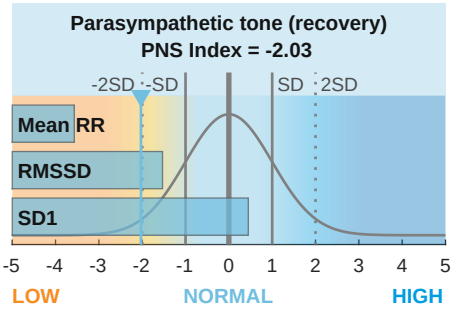
Mean RR	RMSSD	SD1
605 ms	**19.0** ms	**39.2**%

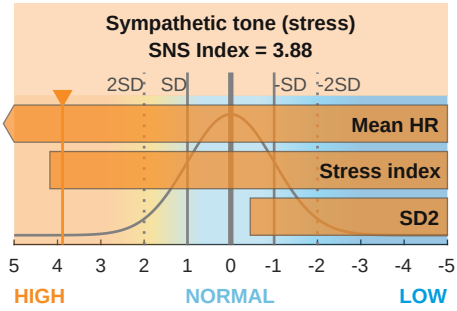
PNS Index = -2.03

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
99 bpm	**20.5**	**60.8**%

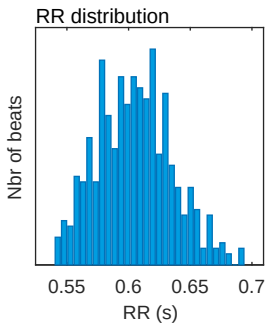
SNS Index = 3.88





Time-Domain Results

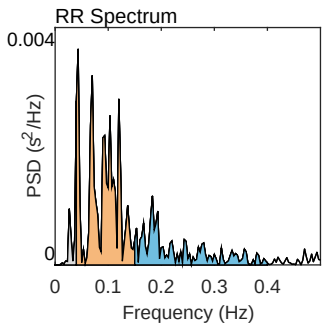
Variable	Units	Value
Mean RR*	(ms)	605
Mean HR*	(bpm)	99
Min HR	(bpm)	89
Max HR	(bpm)	110
SDNN	(ms)	17.6
RMSSD	(ms)	19.0
NN50	(beats)	4
pNN50	(%)	0.78
RR triangular index		5.57
TINN	(ms)	89.0
Stress Index (SI)		20.5



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	0.043	0.183
Power	(ms^2)	11	123	53
Power	(log)	2.416	4.809	3.979
Power	(%)	5.98	65.46	28.54
Power	(n.u.)		69.63	30.36

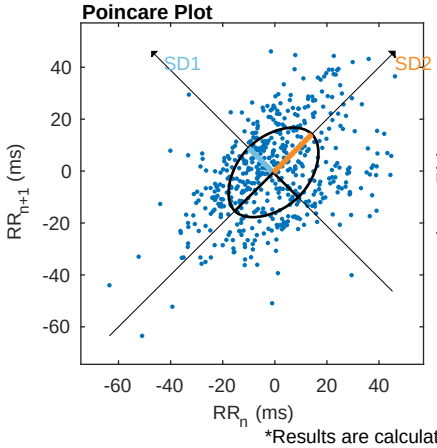
Total power	(ms^2)	187		
Total Power	(log)	5.233		
LF/HF ratio		2.293		
RESP	(Hz)	-		



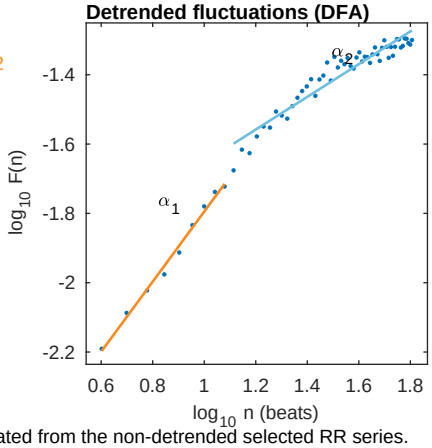
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	13.5
SD2	(ms)	20.9
SD2/SD1		1.553
Approximate Entropy (ApEn)		1.303
Sample Entropy (SampEn)		1.856
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.011
Long-term fluctuations, $\alpha 2$		0.472

Poincare Plot



Detrended fluctuations (DFA)



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