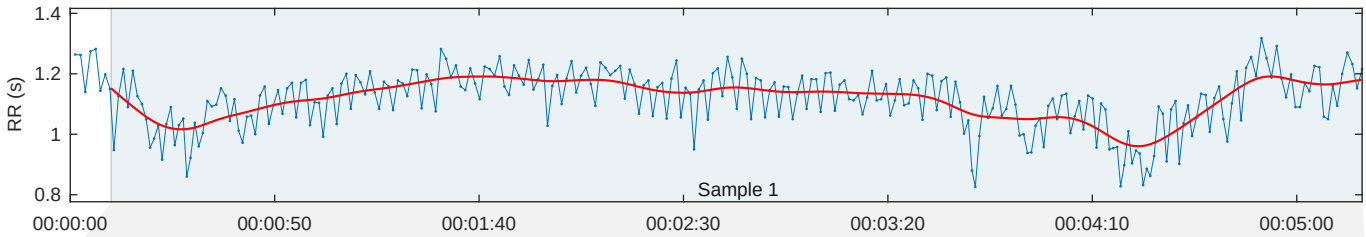
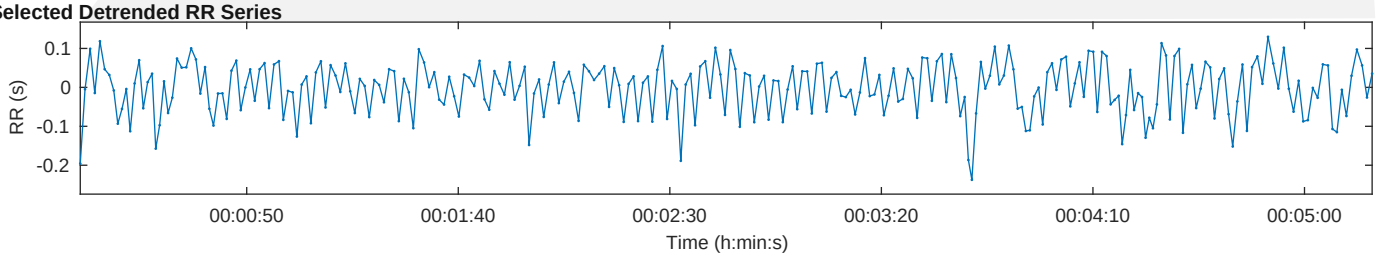
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:11
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Artefact corr.:	none	Sample length:	00:05:06
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:16	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

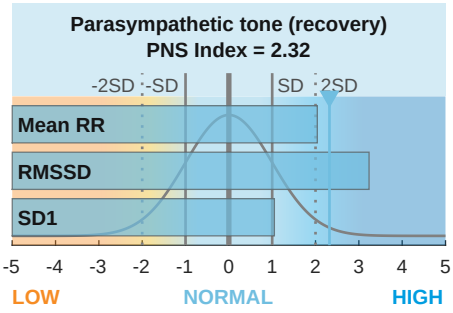
Mean RR	RMSSD	SD1
1110 ms	**90.5** ms	**48.8**%

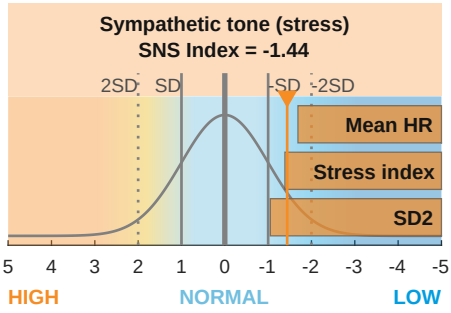
PNS Index = 2.32

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
54 bpm	**6.1**	**51.2**%

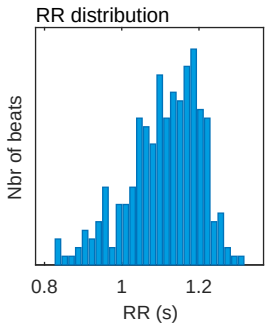
SNS Index = -1.44





Time-Domain Results

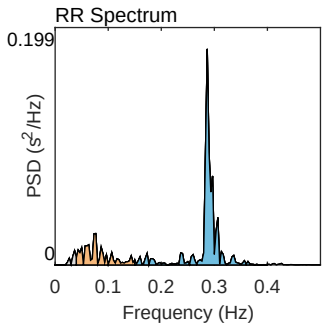
Variable	Units	Value
Mean RR*	(ms)	1110
Mean HR*	(bpm)	54
Min HR	(bpm)	48
Max HR	(bpm)	68
SDNN	(ms)	66.1
RMSSD	(ms)	90.5
NN50	(beats)	187
pNN50	(%)	68.00
RR triangular index		17.25
TINN	(ms)	316.0
Stress Index (SI)		6.1



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)	0.037	0.077	0.287
Power	(ms^2)	102	818	2540
Power	(log)	4.626	6.707	7.840
Power	(%)	2.95	23.65	73.39
Power	(n.u.)		24.37	75.62

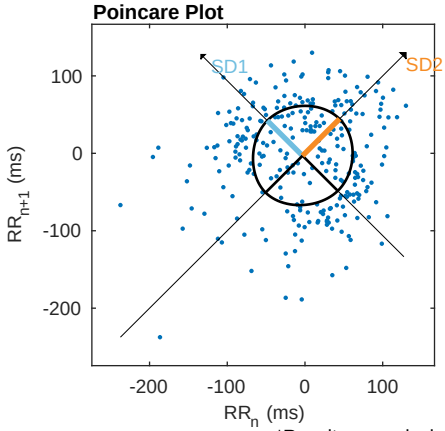
Total power	(ms^2)	3460		
Total Power	(log)	8.149		
LF/HF ratio		0.322		
RESP	(Hz)	-		



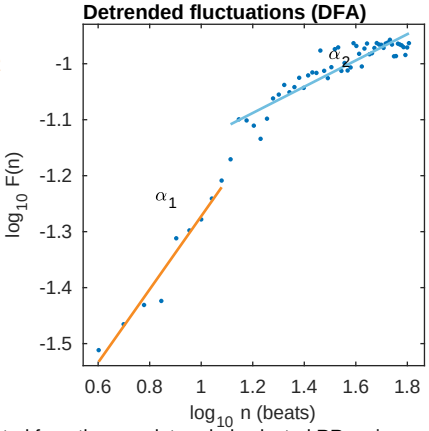
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	64.1
SD2	(ms)	67.3
SD2/SD1		1.049
Approximate Entropy (ApEn)		1.035
Sample Entropy (SampEn)		1.827
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.653
Long-term fluctuations, $\alpha 2$		0.235

Poincare Plot



Detrended fluctuations (DFA)



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