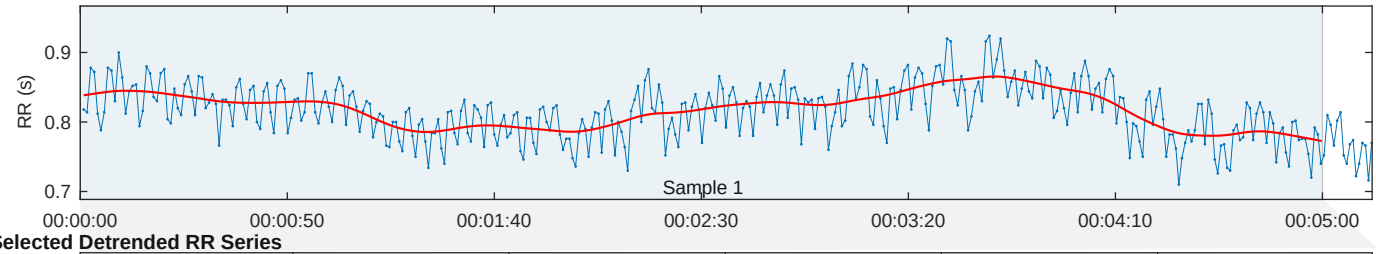
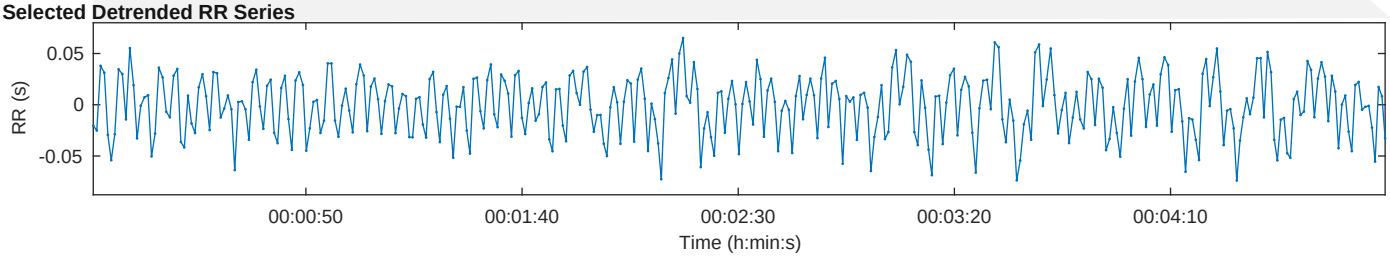
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:01
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:	00:05:12	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

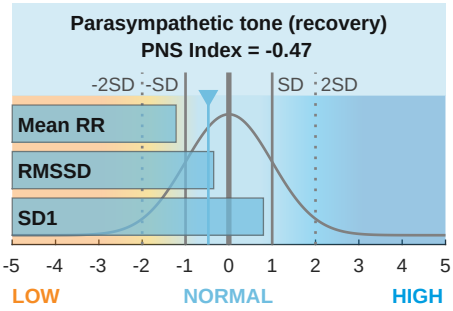
Mean RR	RMSSD	SD1
816 ms	**36.7** ms	**44.8**%

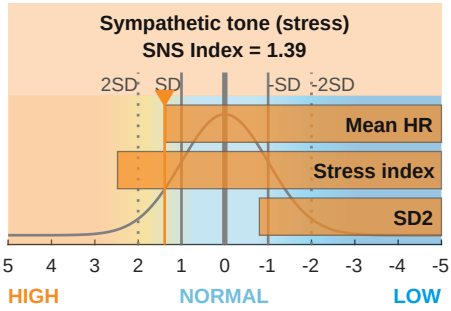
PNS Index = -0.47

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
73 bpm	**16.1**	**55.2**%

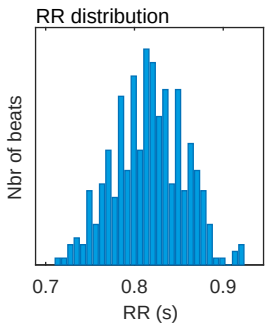
SNS Index = 1.39





Time-Domain Results

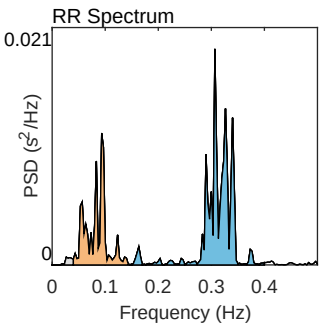
Variable	Units	Value
Mean RR*	(ms)	816
Mean HR*	(bpm)	73
Min HR	(bpm)	66
Max HR	(bpm)	81
SDNN	(ms)	29.2
RMSSD	(ms)	36.7
NN50	(beats)	74
pNN50	(%)	20.22
RR triangular index		9.41
TINN	(ms)	135.0
Stress Index (SI)		16.1



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)	0.027	0.093	0.307
Power	(ms^2)	10	257	510
Power	(log)	2.308	5.549	6.234
Power	(%)	1.29	33.06	65.62
Power	(n.u.)		33.50	66.48

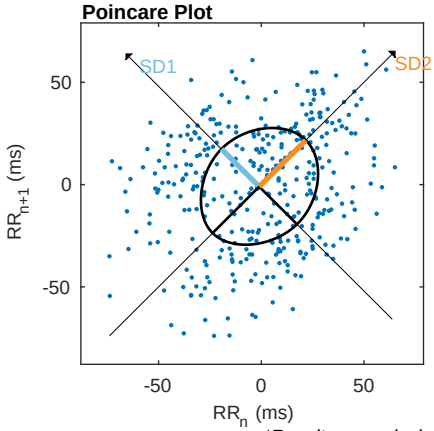
Total power	(ms^2)	777		
Total Power	(log)	6.655		
LF/HF ratio		0.504		
RESP	(Hz)	-		



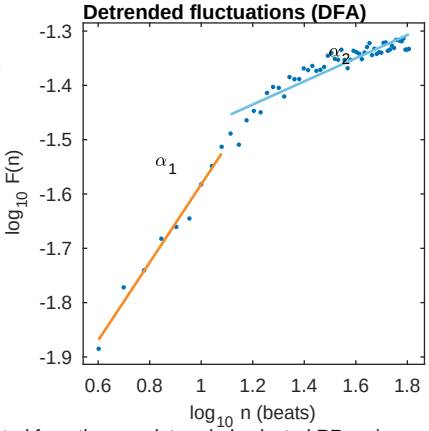
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	26.0
SD2	(ms)	32.1
SD2/SD1		1.234
Approximate Entropy (ApEn)		1.106
Sample Entropy (SampEn)		1.797
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.719
Long-term fluctuations, $\alpha 2$		0.213

Poincare Plot



Detrended fluctuations (DFA)



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