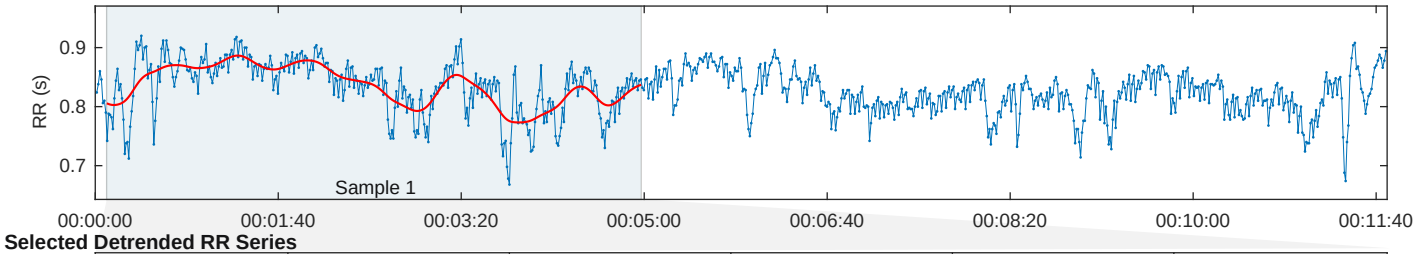
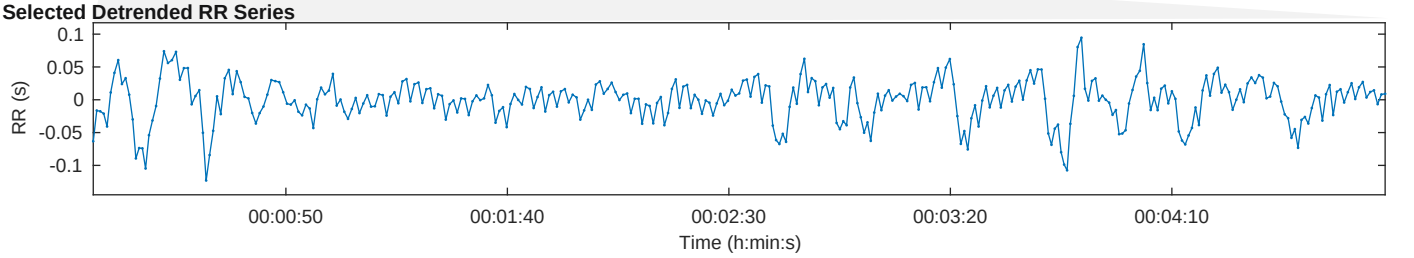
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:07
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Artefact corr.:	none	Sample length:	00:04:52
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:11:46	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

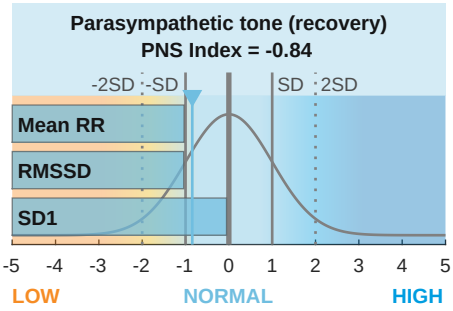
Mean RR	RMSSD	SD1
833 ms	**26.4** ms	**31.1**%

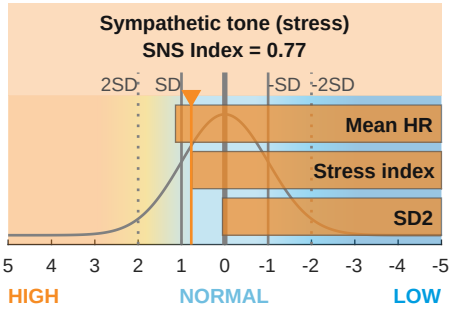
PNS Index = -0.84

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
72 bpm	**11.6**	**68.9**%

SNS Index = 0.77

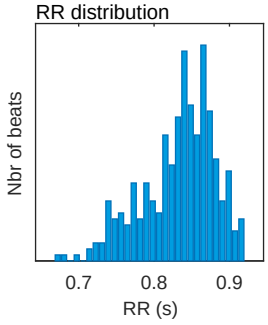




Time-Domain Results

Variable	Units	Value
Mean RR*	(ms)	833
Mean HR*	(bpm)	72
Min HR	(bpm)	66
Max HR	(bpm)	85
SDNN	(ms)	32.1
RMSSD	(ms)	26.4
NN50	(beats)	19
pNN50	(%)	5.43
RR triangular index		6.88
TINN	(ms)	166.0
Stress Index (SI)		11.6

RR distribution

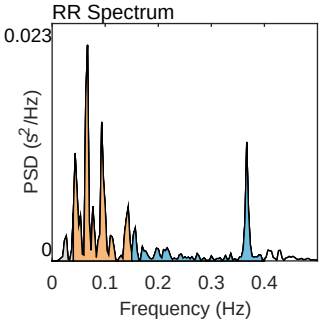


Frequency-Domain Results (FFT spectrum)

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	0.067	0.367
Power	(ms^2)	30	446	191
Power	(log)	3.401	6.101	5.250
Power	(%)	4.50	66.90	28.57
Power	(n.u.)		70.05	29.92

Total power	(ms^2)	667		
Total Power	(log)	6.503		
LF/HF ratio		2.341		
RESP	(Hz)	-		

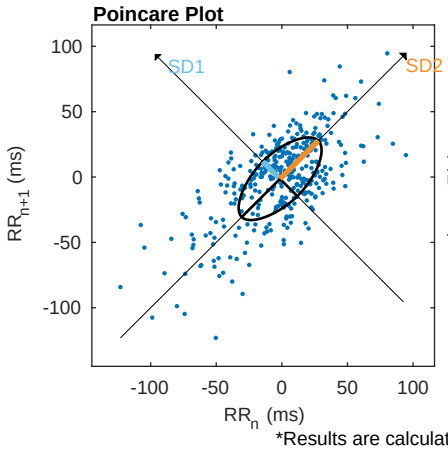
RR Spectrum



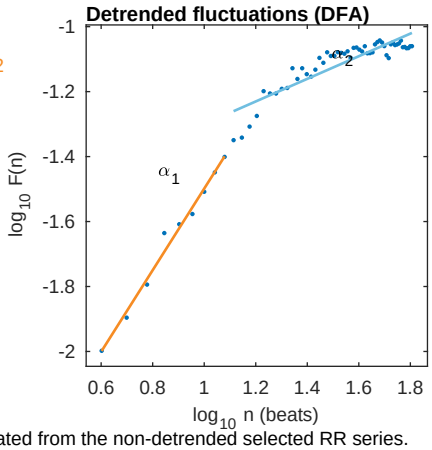
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	18.7
SD2	(ms)	41.3
SD2/SD1		2.212
Approximate Entropy (ApEn)		1.056
Sample Entropy (SampEn)		1.478
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.256
Long-term fluctuations, $\alpha 2$		0.348

Poincare Plot



Detrended fluctuations (DFA)



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