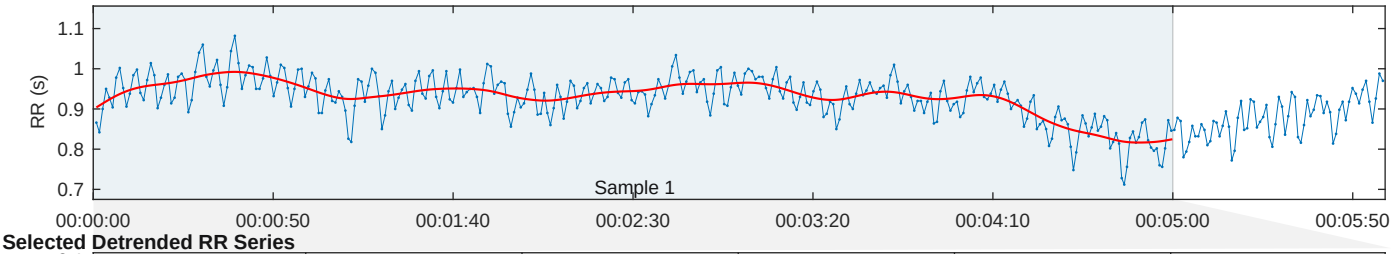
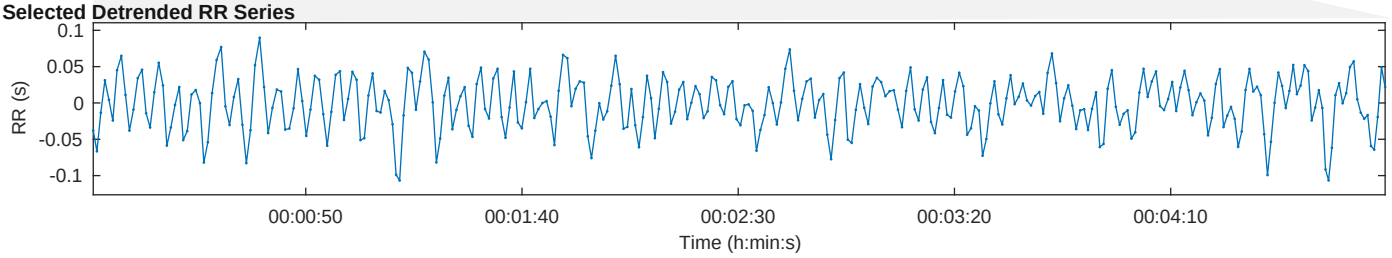
HRV Analysis Results

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:	00:05:59	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

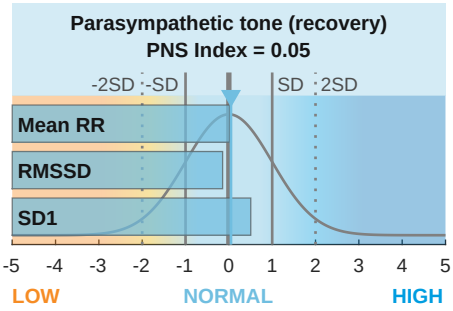
Mean RR	RMSSD	SD1
927 ms	**39.8** ms	**40.1**%

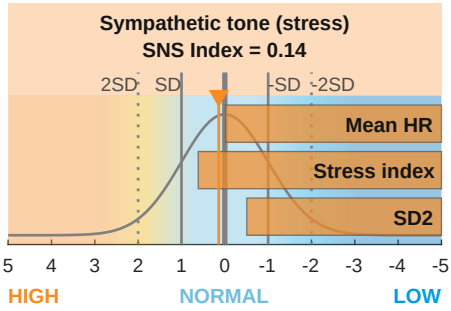
PNS Index = 0.05

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
65 bpm	**11.2**	**59.9**%

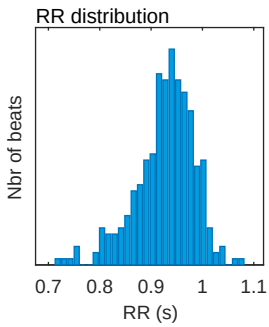
SNS Index = 0.14





Time-Domain Results

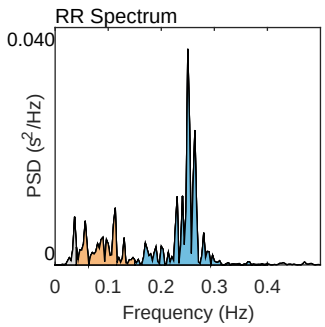
Variable	Units	Value
Mean RR*	(ms)	927
Mean HR*	(bpm)	65
Min HR	(bpm)	59
Max HR	(bpm)	78
SDNN	(ms)	35.9
RMSSD	(ms)	39.8
NN50	(beats)	76
pNN50	(%)	23.60
RR triangular index		9.50
TINN	(ms)	180.0
Stress Index (SI)		11.2



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	0.113	0.250
Power	(ms^2)	50	284	685
Power	(log)	3.916	5.648	6.530
Power	(%)	4.93	27.82	67.23
Power	(n.u.)		29.26	70.72

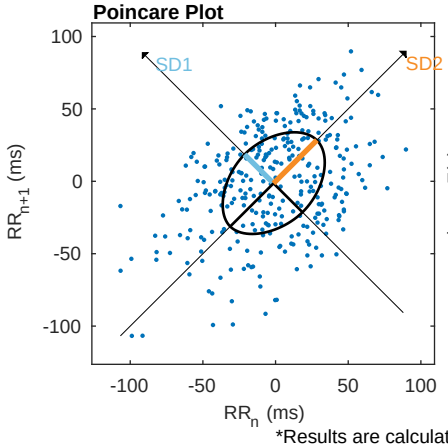
Total power	(ms^2)	1019		
Total Power	(log)	6.927		
LF/HF ratio		0.414		
RESP	(Hz)	-		



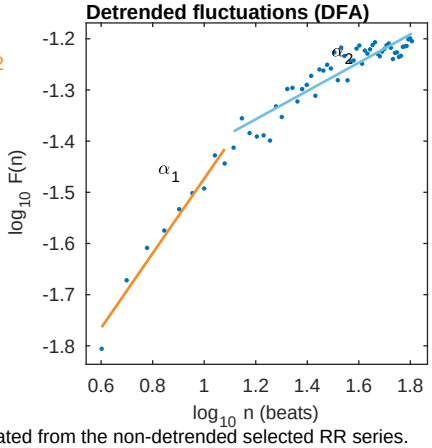
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	28.2
SD2	(ms)	42.2
SD2/SD1		1.494
Approximate Entropy (ApEn)		1.105
Sample Entropy (SampEn)		1.905
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.729
Long-term fluctuations, $\alpha 2$		0.276

Poincare Plot



Detrended fluctuations (DFA)



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