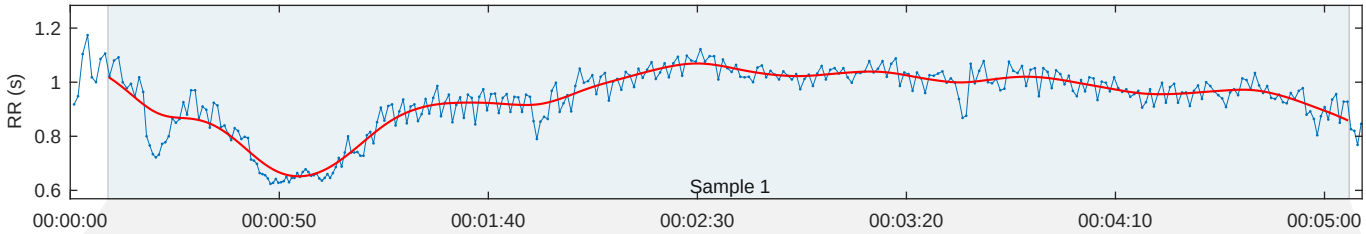
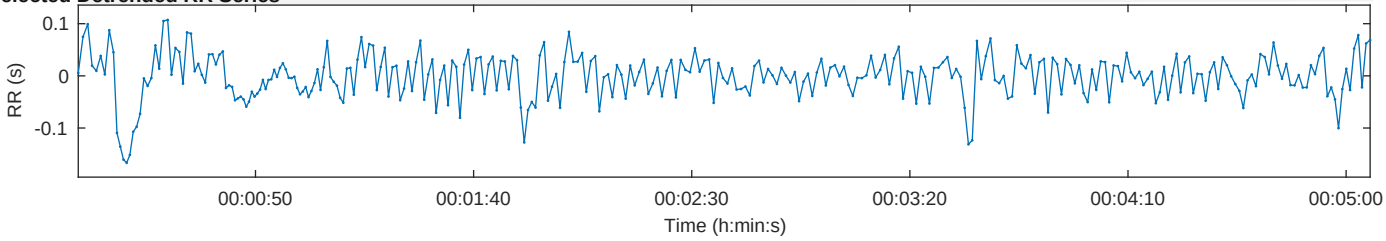
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:09
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Artefact corr.:	none	Sample length:	00:04:57
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:09	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

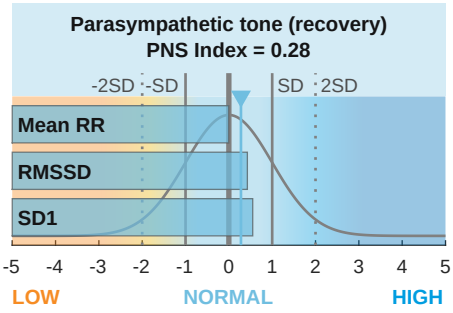
Mean RR	RMSSD	SD1
926 ms	**48.4** ms	**40.8**%

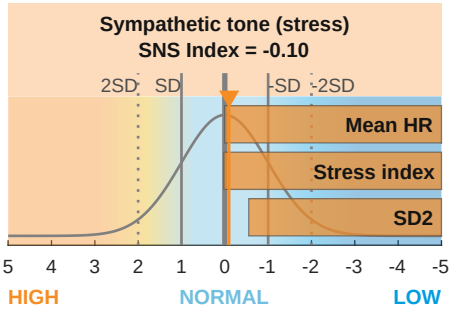
PNS Index = 0.28

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
65 bpm	**9.7**	**59.2**%

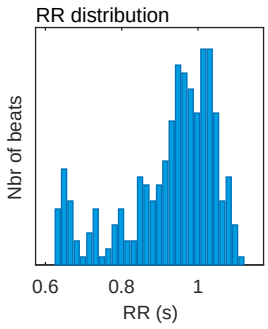
SNS Index = -0.10





Time-Domain Results

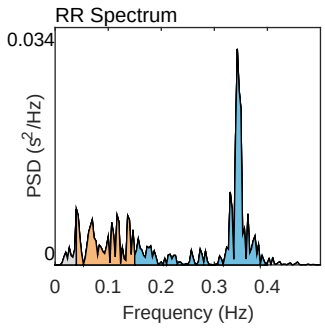
Variable	Units	Value
Mean RR*	(ms)	926
Mean HR*	(bpm)	65
Min HR	(bpm)	55
Max HR	(bpm)	95
SDNN	(ms)	42.7
RMSSD	(ms)	48.4
NN50	(beats)	109
pNN50	(%)	34.06
RR triangular index		9.44
TINN	(ms)	218.0
Stress Index (SI)		9.7



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	0.040	0.343
Power	(ms^2)	50	370	686
Power	(log)	3.922	5.913	6.530
Power	(%)	4.56	33.42	61.98
Power	(n.u.)		35.02	64.94

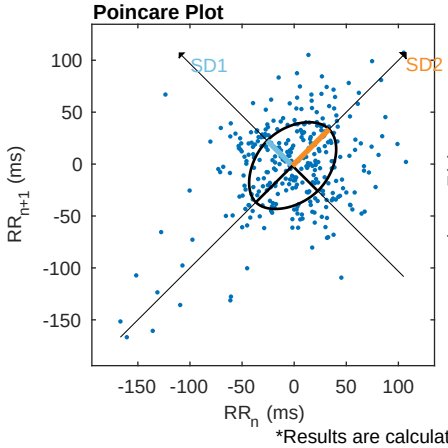
Total power	(ms^2)	1106		
Total Power	(log)	7.009		
LF/HF ratio		0.539		
RESP	(Hz)	-		



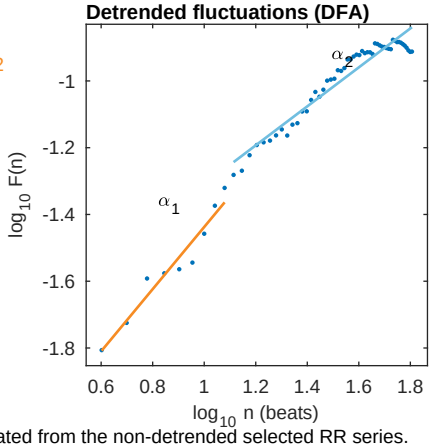
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	34.3
SD2	(ms)	49.7
SD2/SD1		1.450
Approximate Entropy (ApEn)		1.126
Sample Entropy (SampEn)		1.807
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.931
Long-term fluctuations, $\alpha 2$		0.584

Poincare Plot



Detrended fluctuations (DFA)



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