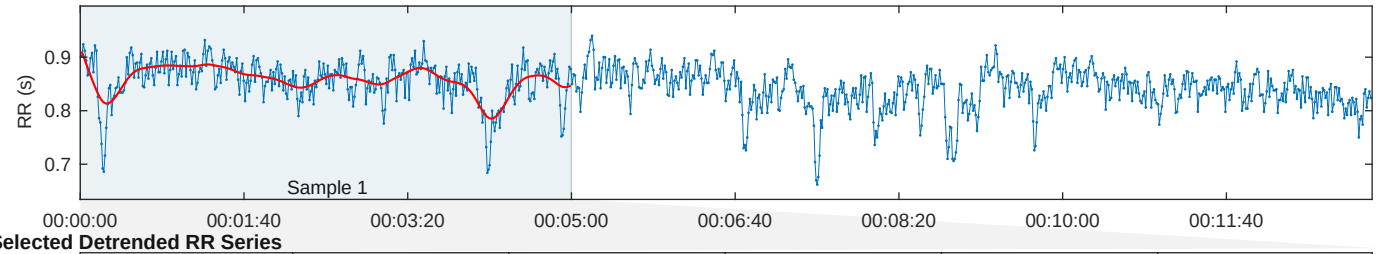
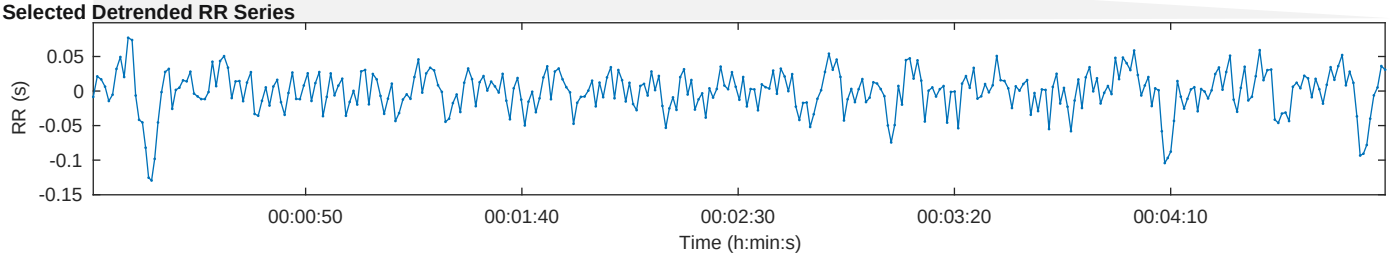
HRV Analysis Results

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:	00:13:09	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

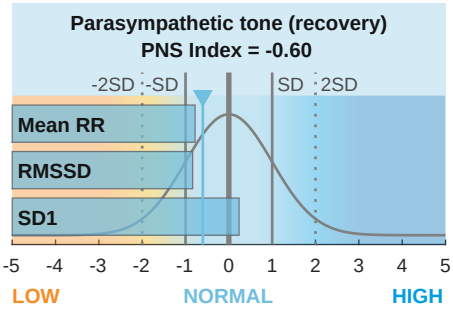
Mean RR	RMSSD	SD1
856 ms	**29.5** ms	**35.8**%

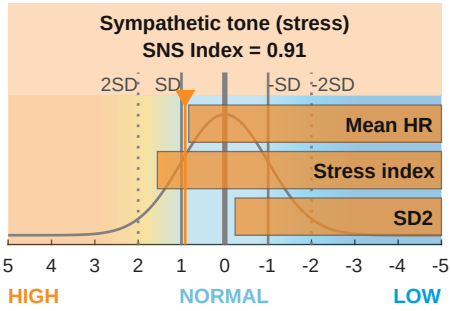
PNS Index = -0.60

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
70 bpm	**13.7**	**64.2**%

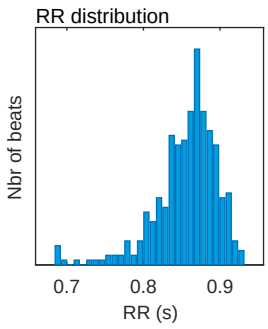
SNS Index = 0.91





Time-Domain Results

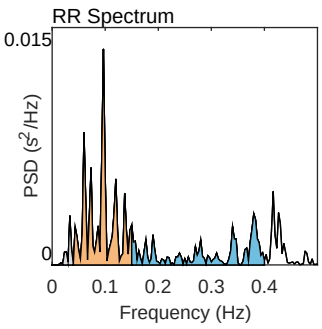
Variable	Units	Value
Mean RR*	(ms)	856
Mean HR*	(bpm)	70
Min HR	(bpm)	66
Max HR	(bpm)	85
SDNN	(ms)	30.3
RMSSD	(ms)	29.5
NN50	(beats)	24
pNN50	(%)	6.88
RR triangular index		6.60
TINN	(ms)	154.0
Stress Index (SI)		13.7



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)	0.033	0.097	0.380
Power	(ms^2)	20	290	167
Power	(log)	2.979	5.670	5.120
Power	(%)	4.12	60.76	35.05
Power	(n.u.)		63.37	36.56

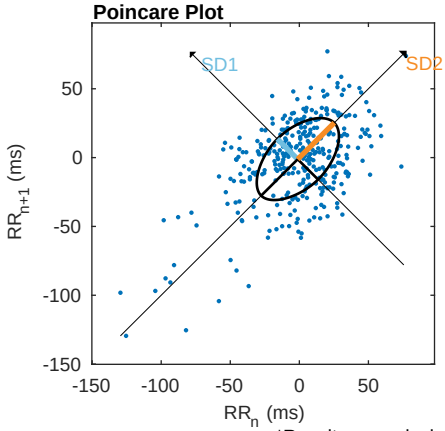
Total power	(ms^2)	477		
Total Power	(log)	6.168		
LF/HF ratio		1.733		
RESP	(Hz)	-		



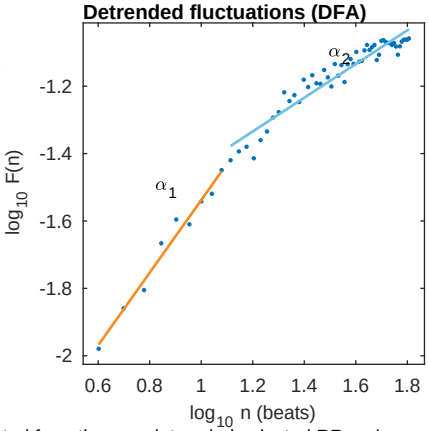
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	20.9
SD2	(ms)	37.4
SD2/SD1		1.794
Approximate Entropy (ApEn)		1.243
Sample Entropy (SampEn)		1.981
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.077
Long-term fluctuations, $\alpha 2$		0.501

Poincare Plot



Detrended fluctuations (DFA)



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