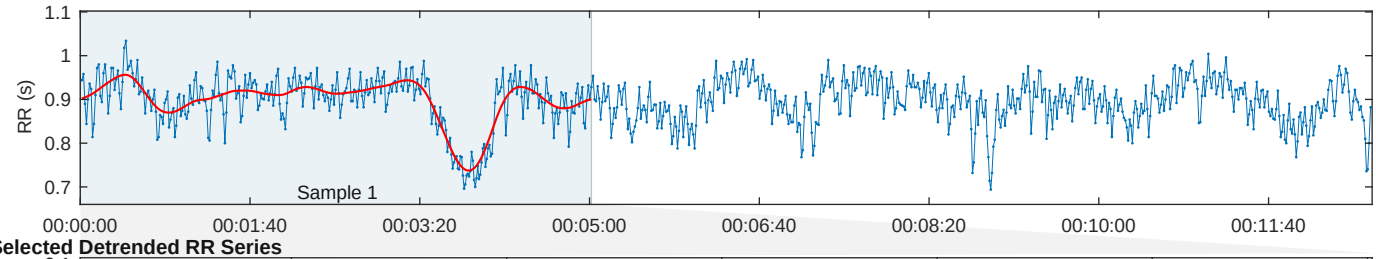
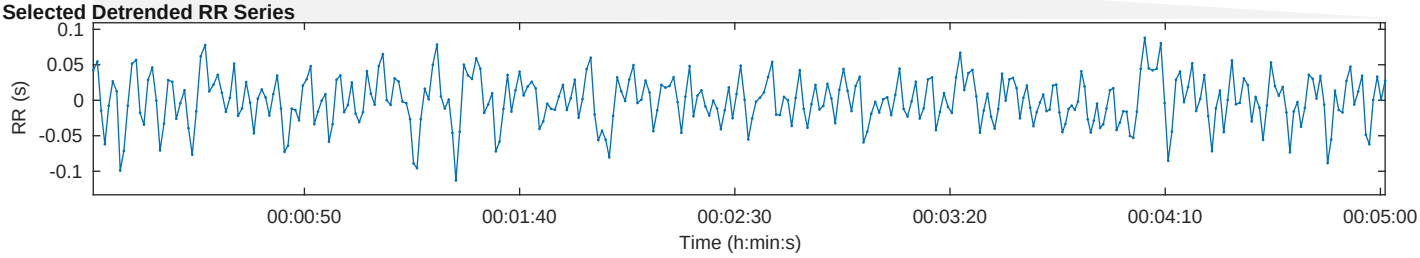
HRV Analysis Results

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:	00:05:01
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:12:41	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

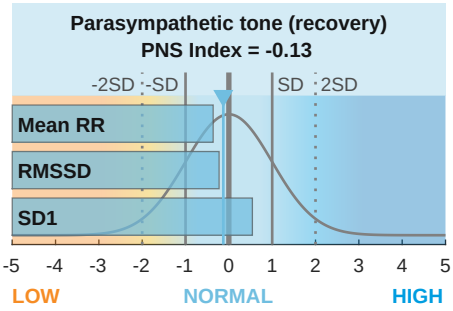
Mean RR	RMSSD	SD1
893 ms	**38.6** ms	**40.7**%

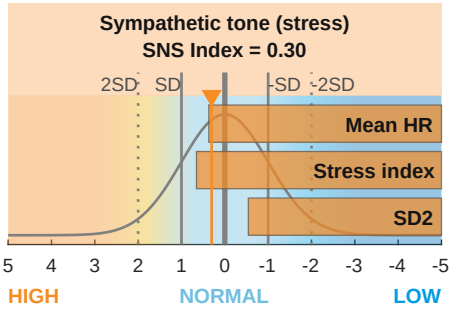
PNS Index = -0.13

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
67 bpm	**11.4**	**59.3**%

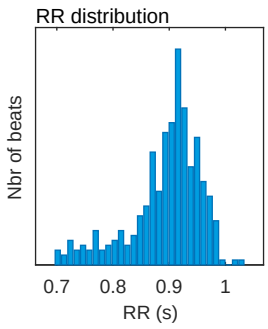
SNS Index = 0.30





Time-Domain Results

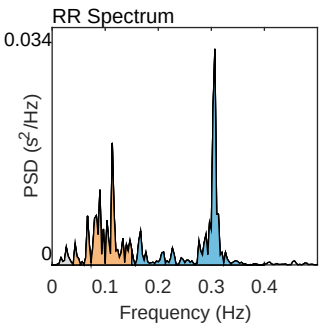
Variable	Units	Value
Mean RR*	(ms)	893
Mean HR*	(bpm)	67
Min HR	(bpm)	60
Max HR	(bpm)	84
SDNN	(ms)	34.2
RMSSD	(ms)	38.6
NN50	(beats)	72
pNN50	(%)	21.43
RR triangular index		9.11
TINN	(ms)	166.0
Stress Index (SI)		11.4



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	0.113	0.307
Power	(ms^2)	25	375	461
Power	(log)	3.215	5.928	6.132
Power	(%)	2.89	43.60	53.50
Power	(n.u.)		44.90	55.09

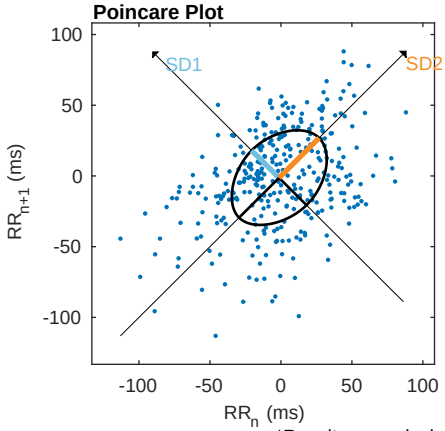
Total power	(ms^2)	861		
Total Power	(log)	6.758		
LF/HF ratio		0.815		
RESP	(Hz)	-		



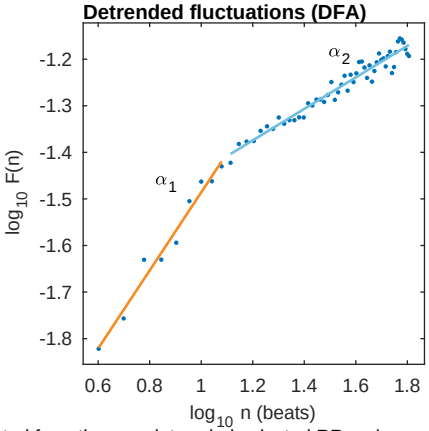
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	27.4
SD2	(ms)	39.9
SD2/SD1		1.458
Approximate Entropy (ApEn)		1.171
Sample Entropy (SampEn)		2.064
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.838
Long-term fluctuations, $\alpha 2$		0.338

Poincare Plot



Detrended fluctuations (DFA)



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