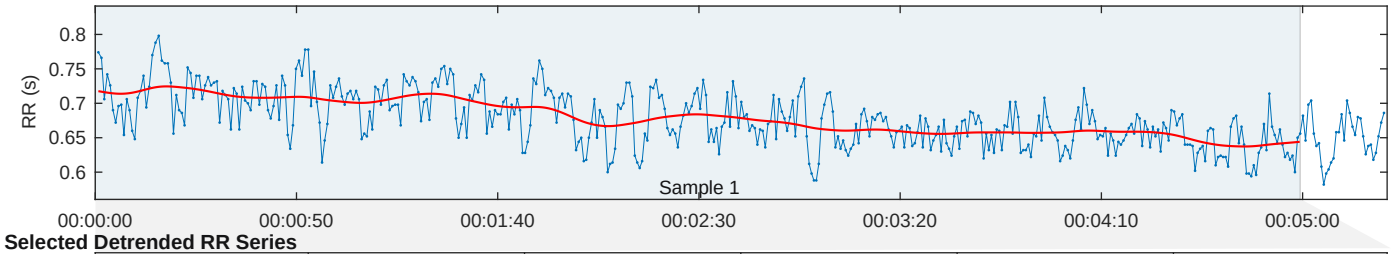
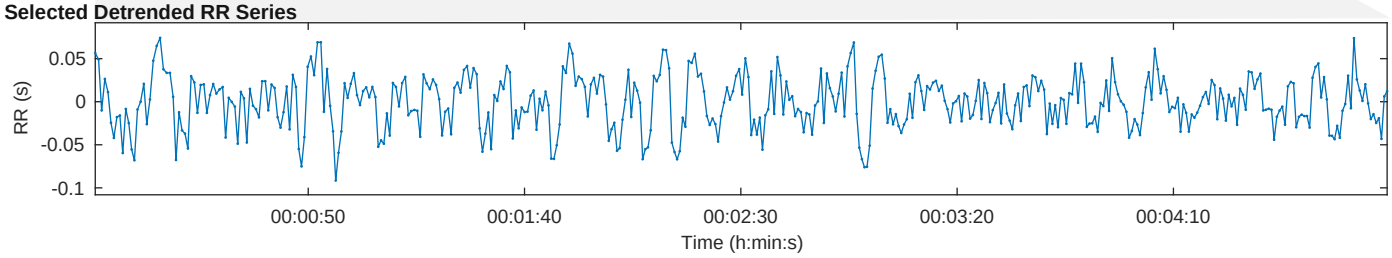
HRV Analysis Results

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:	00:04:59
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:21	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

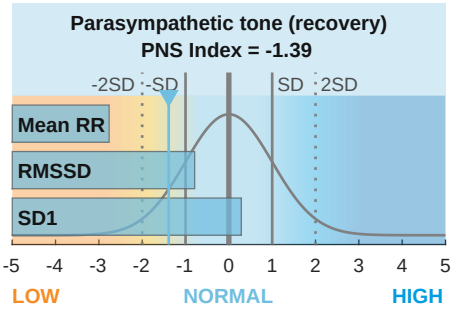
Mean RR	RMSSD	SD1
677 ms	**30.2** ms	**36.6**%

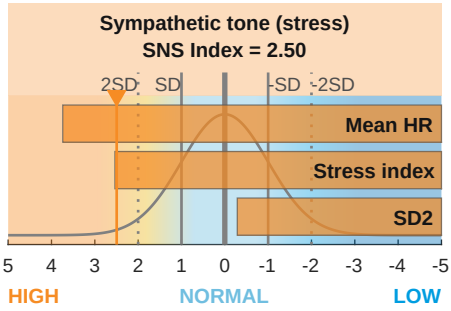
PNS Index = -1.39

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
89 bpm	**16.2**	**63.4**%

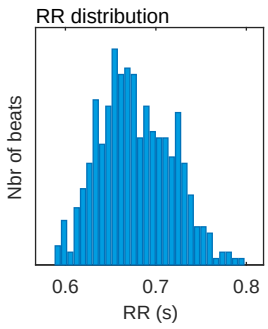
SNS Index = 2.50





Time-Domain Results

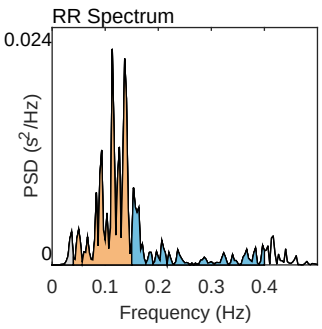
Variable	Units	Value
Mean RR*	(ms)	677
Mean HR*	(bpm)	89
Min HR	(bpm)	77
Max HR	(bpm)	100
SDNN	(ms)	30.2
RMSSD	(ms)	30.2
NN50	(beats)	46
pNN50	(%)	10.43
RR triangular index		9.40
TINN	(ms)	145.0
Stress Index (SI)		16.2



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	0.153
Power	(ms^2)	26	604	229
Power	(log)	3.244	6.403	5.434
Power	(%)	2.98	70.22	26.63
Power	(n.u.)		72.38	27.45

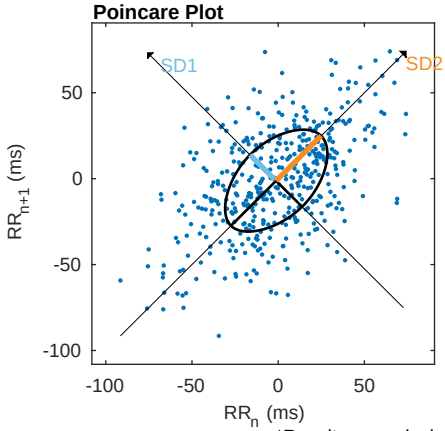
Total power	(ms^2)	860		
Total Power	(log)	6.757		
LF/HF ratio		2.636		
RESP	(Hz)	-		



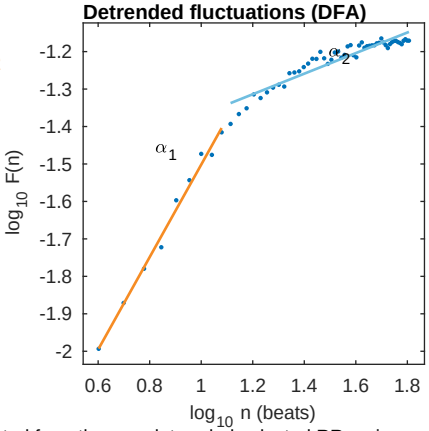
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	21.4
SD2	(ms)	37.0
SD2/SD1		1.733
Approximate Entropy (ApEn)		1.258
Sample Entropy (SampEn)		1.966
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.234
Long-term fluctuations, $\alpha 2$		0.275

Poincare Plot



Detrended fluctuations (DFA)



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