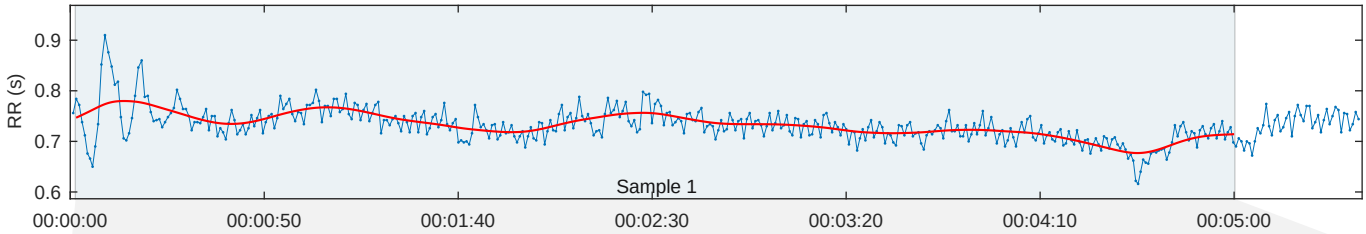
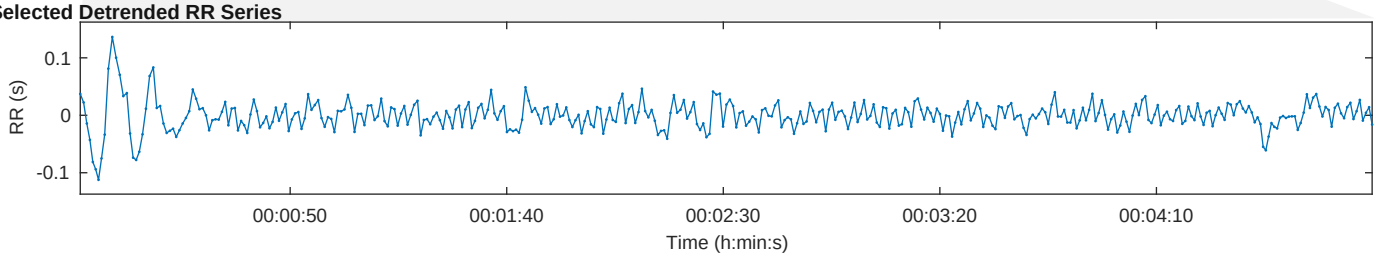
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:02
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:	00:05:33	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

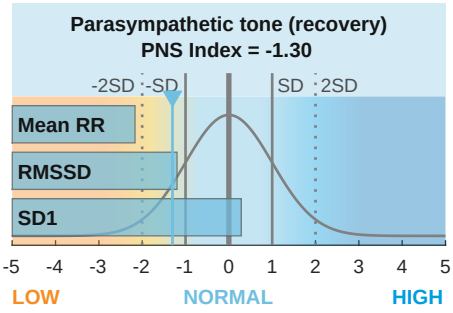
Mean RR	RMSSD	SD1
731 ms	**24.1** ms	**36.6**%

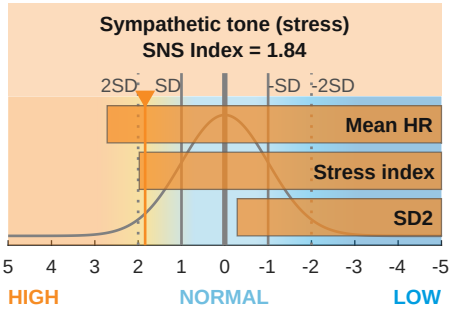
PNS Index = -1.30

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
82 bpm	**14.8**	**63.4**%

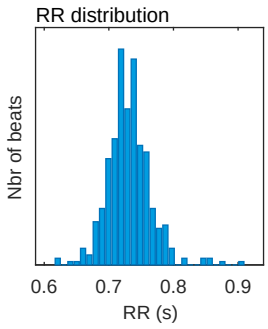
SNS Index = 1.84





Time-Domain Results

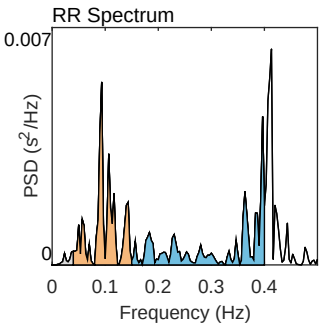
Variable	Units	Value
Mean RR*	(ms)	731
Mean HR*	(bpm)	82
Min HR	(bpm)	70
Max HR	(bpm)	94
SDNN	(ms)	24.1
RMSSD	(ms)	24.1
NN50	(beats)	10
pNN50	(%)	2.45
RR triangular index		6.49
TINN	(ms)	177.0
Stress Index (SI)		14.8



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	0.093	0.397
Power	(ms^2)	5	110	111
Power	(log)	1.535	4.696	4.712
Power	(%)	2.04	48.21	49.00
Power	(n.u.)		49.21	50.02

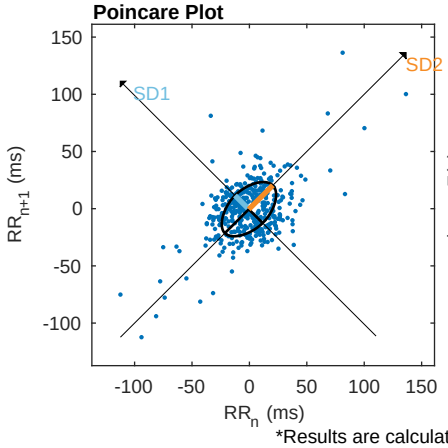
Total power	(ms^2)	227		
Total Power	(log)	5.426		
LF/HF ratio		0.984		
RESP	(Hz)	-		



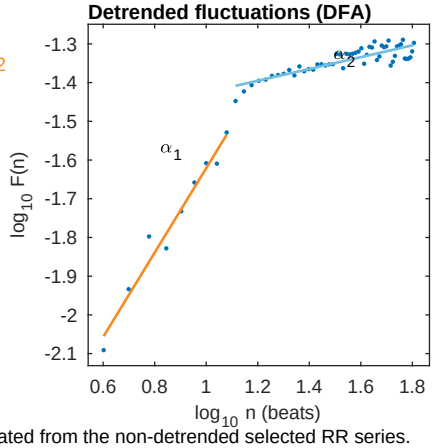
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	17.0
SD2	(ms)	29.6
SD2/SD1		1.734
Approximate Entropy (ApEn)		1.229
Sample Entropy (SampEn)		1.681
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.090
Long-term fluctuations, $\alpha 2$		0.152

Poincare Plot



Detrended fluctuations (DFA)



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