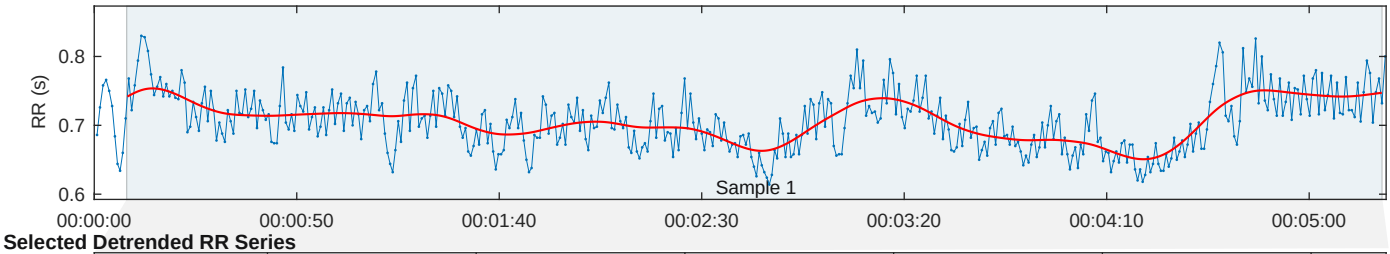
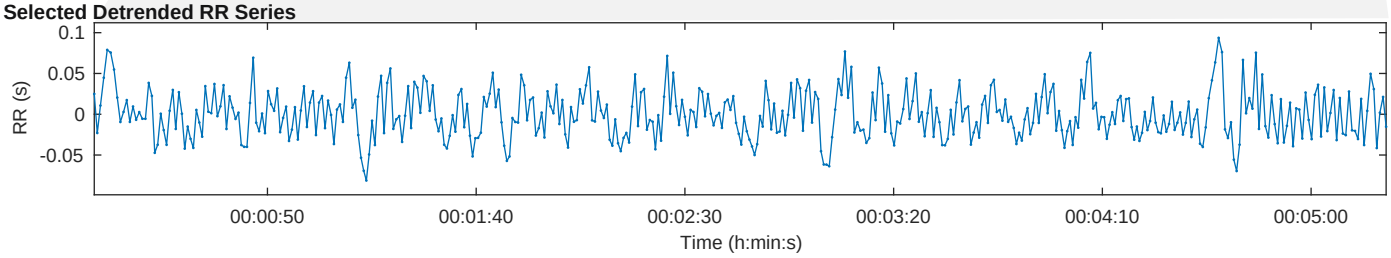
HRV Analysis Results

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:	00:05:10
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:19	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

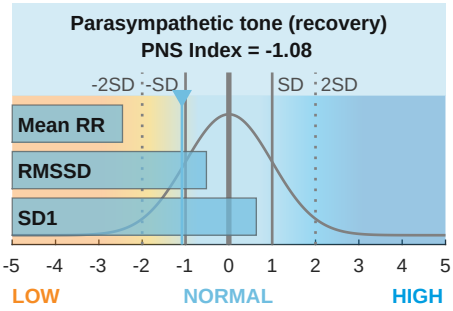
Mean RR	RMSSD	SD1
705 ms	**34.2** ms	**42.1**%

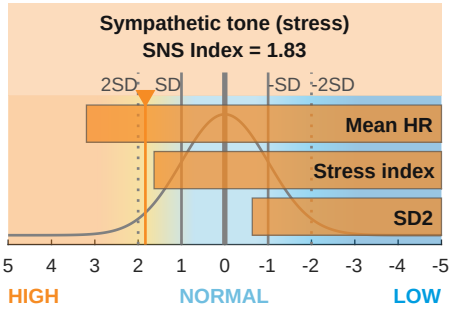
PNS Index = -1.08

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
85 bpm	**13.9**	**57.9**%

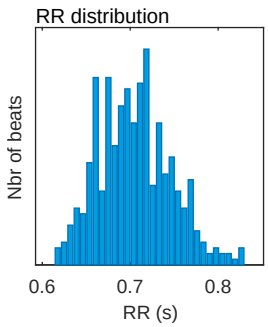
SNS Index = 1.83





Time-Domain Results

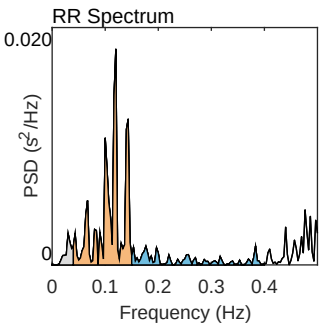
Variable	Units	Value
Mean RR*	(ms)	705
Mean HR*	(bpm)	85
Min HR	(bpm)	74
Max HR	(bpm)	96
SDNN	(ms)	29.1
RMSSD	(ms)	34.2
NN50	(beats)	62
pNN50	(%)	14.12
RR triangular index		8.80
TINN	(ms)	139.0
Stress Index (SI)		13.9



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)	0.030	0.120	0.177
Power	(ms^2)	33	418	93
Power	(log)	3.484	6.035	4.532
Power	(%)	6.00	76.88	17.10
Power	(n.u.)		81.79	18.19

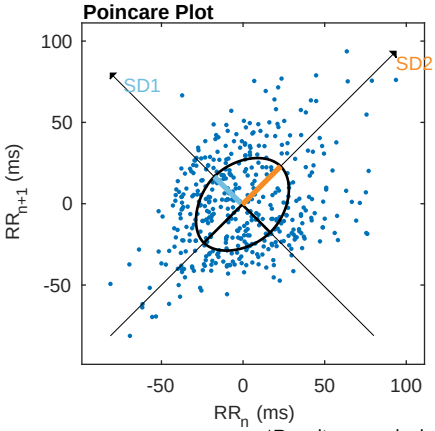
Total power	(ms^2)	543		
Total Power	(log)	6.298		
LF/HF ratio		4.495		
RESP	(Hz)	-		



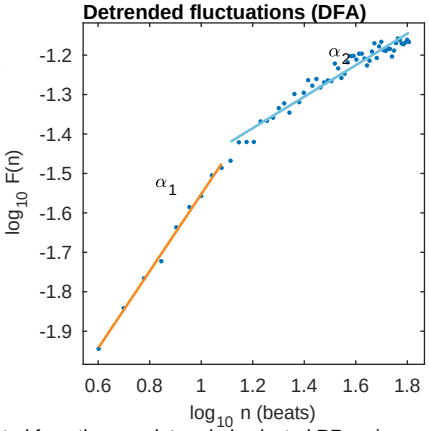
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	24.2
SD2	(ms)	33.3
SD2/SD1		1.373
Approximate Entropy (ApEn)		1.304
Sample Entropy (SampEn)		2.069
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.976
Long-term fluctuations, $\alpha 2$		0.399

Poincare Plot



Detrended fluctuations (DFA)



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