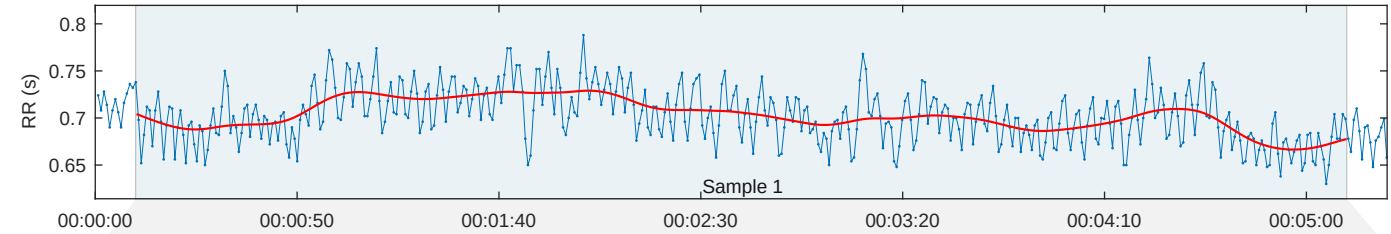
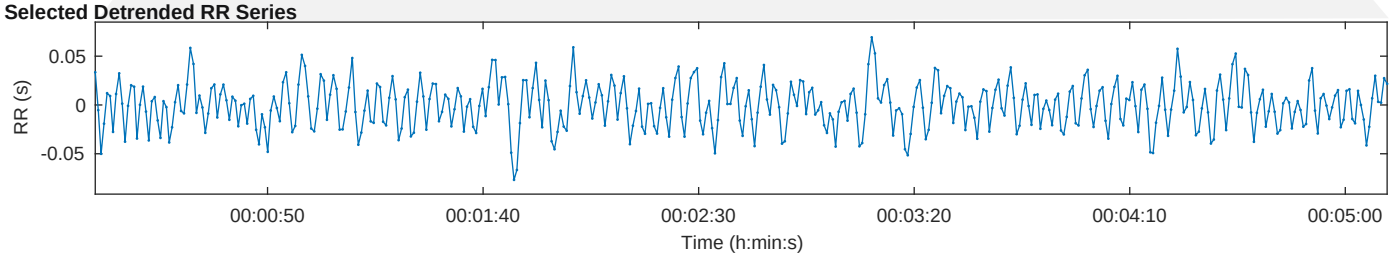
HRV Analysis Results

Person:				Measurement Info				Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Trend removal:	Smoothn priors	Sample start:	00:00:10
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:	00:05:20	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

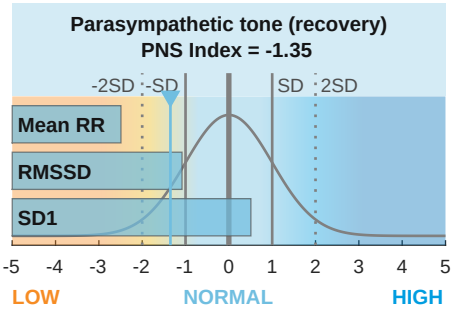
Mean RR	RMSSD	SD1
702 ms	**25.8** ms	**40.1**%

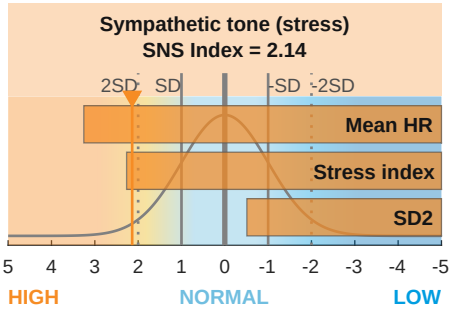
PNS Index = -1.35

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
85 bpm	**15.5**	**59.9**%

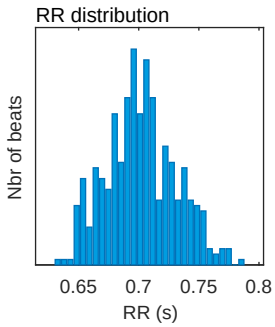
SNS Index = 2.14





Time-Domain Results

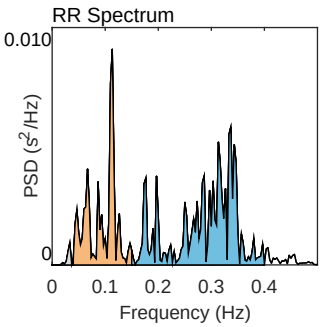
Variable	Units	Value
Mean RR*	(ms)	702
Mean HR*	(bpm)	85
Min HR	(bpm)	79
Max HR	(bpm)	91
SDNN	(ms)	23.2
RMSSD	(ms)	25.8
NN50	(beats)	8
pNN50	(%)	1.87
RR triangular index		7.13
TINN	(ms)	119.0
Stress Index (SI)		15.5



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	0.113	0.337
Power	(ms^2)	6	186	347
Power	(log)	1.844	5.226	5.850
Power	(%)	1.17	34.47	64.33
Power	(n.u.)		34.88	65.09

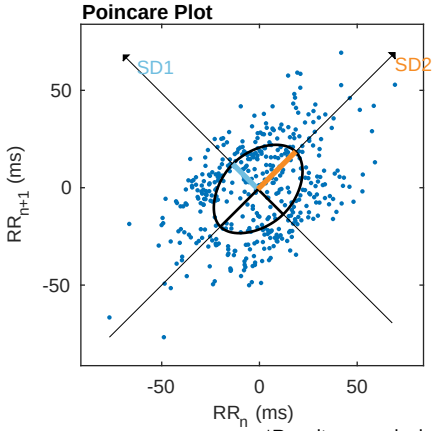
Total power	(ms^2)	540		
Total Power	(log)	6.291		
LF/HF ratio		0.536		
RESP	(Hz)	-		



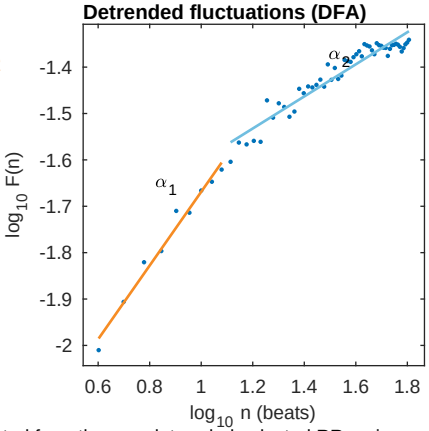
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	18.3
SD2	(ms)	27.2
SD2/SD1		1.492
Approximate Entropy (ApEn)		1.181
Sample Entropy (SampEn)		1.639
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.795
Long-term fluctuations, $\alpha 2$		0.346

Poincare Plot



Detrended fluctuations (DFA)



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