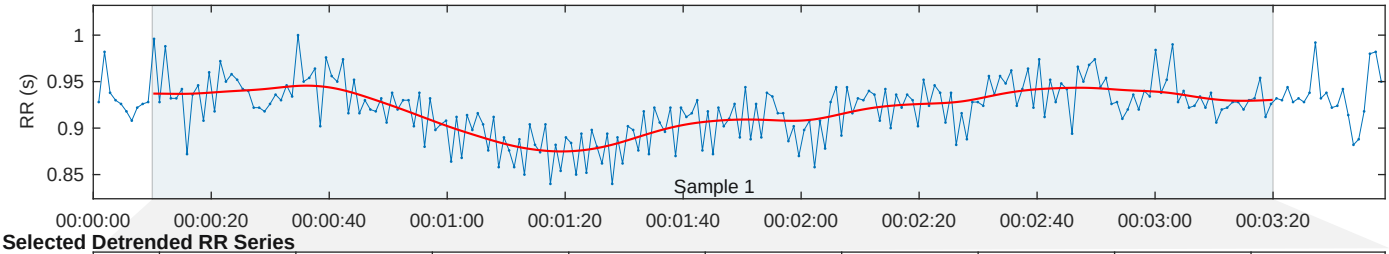
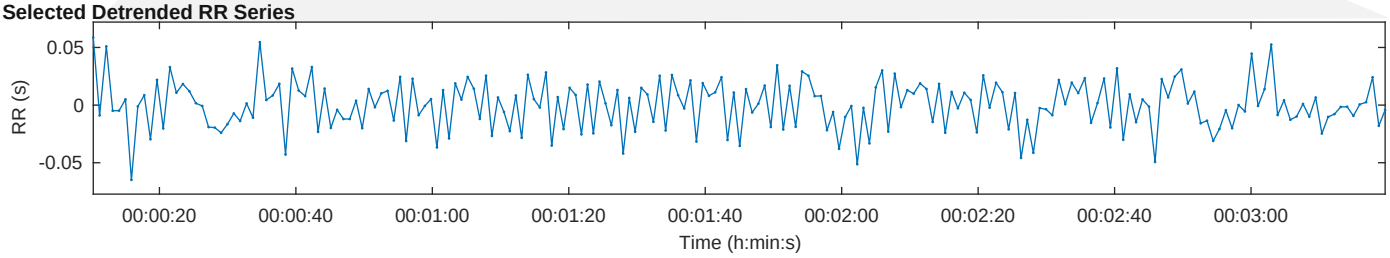
HRV Analysis Results

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:	00:03:10
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:03:39	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

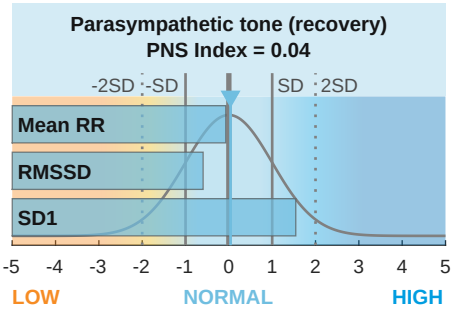
Mean RR	RMSSD	SD1
920 ms	**33.1** ms	**56.7** %

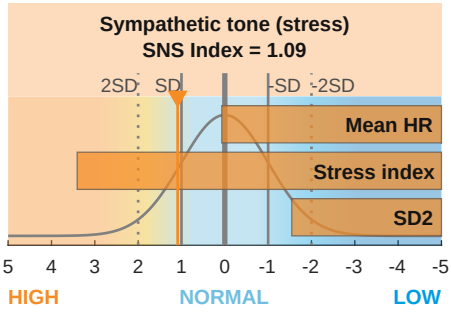
PNS Index = 0.04

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
65 bpm	**18.5**	**43.3** %

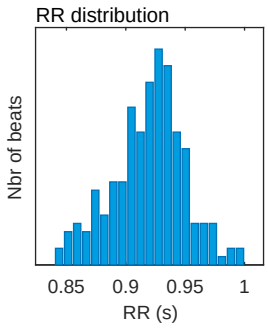
SNS Index = 1.09





Time-Domain Results

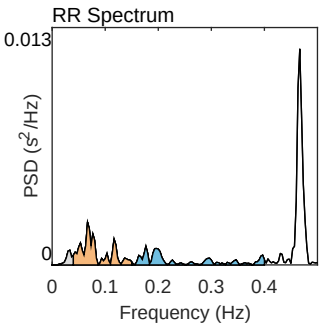
Variable	Units	Value
Mean RR*	(ms)	920
Mean HR*	(bpm)	65
Min HR	(bpm)	62
Max HR	(bpm)	69
SDNN	(ms)	21.0
RMSSD	(ms)	33.1
NN50	(beats)	32
pNN50	(%)	15.53
RR triangular index		6.27
TINN	(ms)	102.0
Stress Index (SI)		18.5



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	0.067	0.177
Power	(ms^2)	10	76	55
Power	(log)	2.341	4.336	4.009
Power	(%)	7.31	53.75	38.76
Power	(n.u.)		57.98	41.82

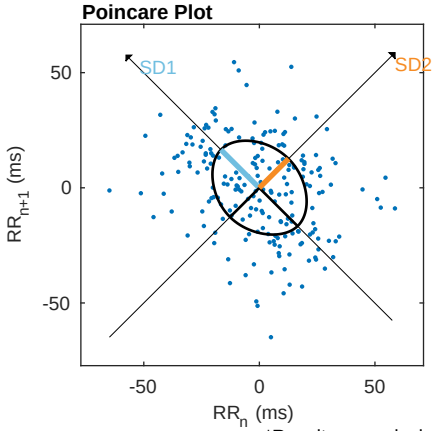
Total power	(ms^2)	142		
Total Power	(log)	4.957		
LF/HF ratio		1.387		
RESP	(Hz)	-		



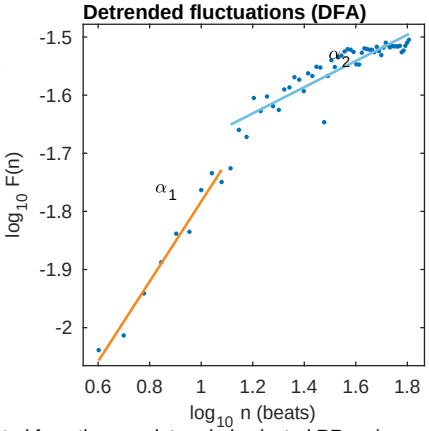
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	23.5
SD2	(ms)	17.9
SD2/SD1		0.763
Approximate Entropy (ApEn)		0.905
Sample Entropy (SampEn)		2.049
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		0.687
Long-term fluctuations, $\alpha 2$		0.225

Poincare Plot



Detrended fluctuations (DFA)



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