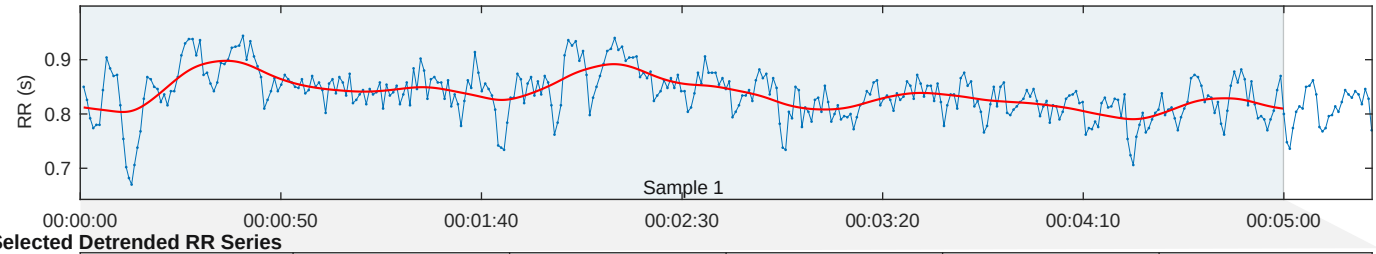
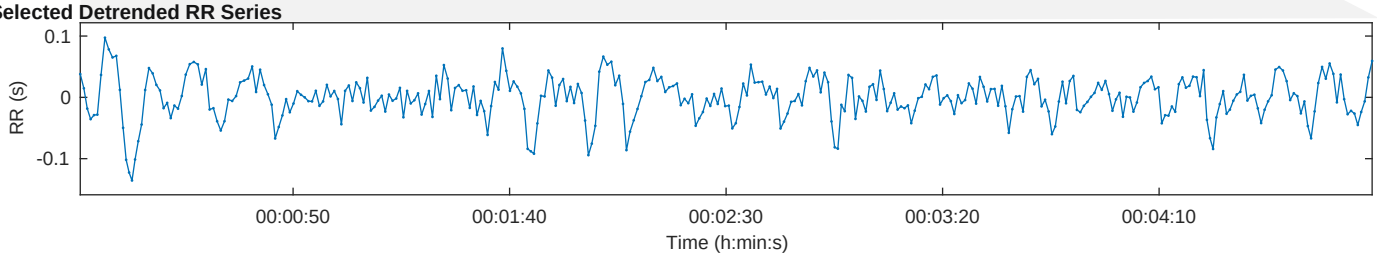
HRV Analysis Results

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:	00:05:00
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:22	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

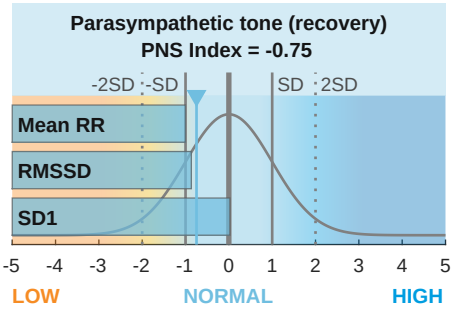
Mean RR	RMSSD	SD1
836 ms	**29.0** ms	**32.4**%

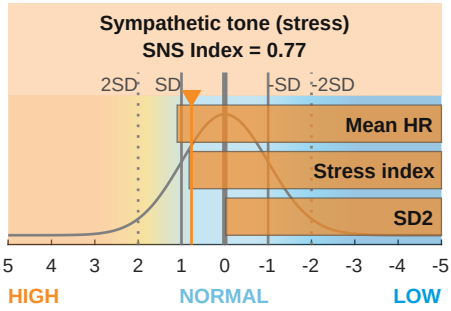
PNS Index = -0.75

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
72 bpm	**11.8**	**67.6**%

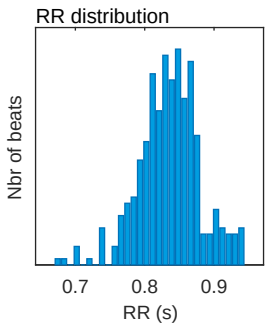
SNS Index = 0.77





Time-Domain Results

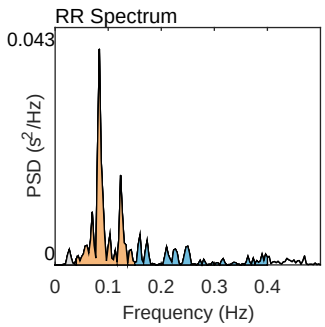
Variable	Units	Value
Mean RR*	(ms)	836
Mean HR*	(bpm)	72
Min HR	(bpm)	65
Max HR	(bpm)	86
SDNN	(ms)	33.7
RMSSD	(ms)	29.0
NN50	(beats)	30
pNN50	(%)	8.40
RR triangular index		8.33
TINN	(ms)	179.0
Stress Index (SI)		11.8



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)	0.027	0.083	0.160
Power	(ms^2)	25	642	230
Power	(log)	3.238	6.465	5.439
Power	(%)	2.83	71.41	25.60
Power	(n.u.)		73.49	26.34

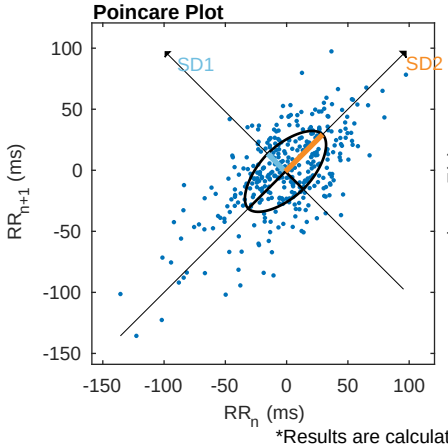
Total power	(ms^2)	900		
Total Power	(log)	6.802		
LF/HF ratio		2.790		
RESP	(Hz)	-		



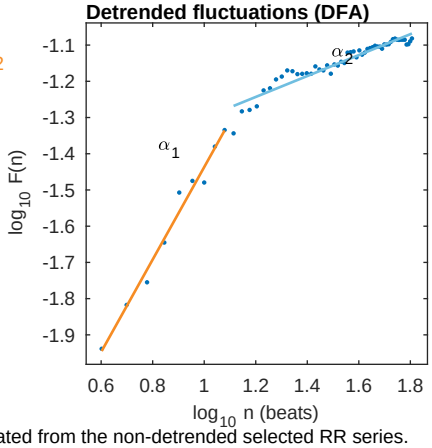
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	20.5
SD2	(ms)	42.9
SD2/SD1		2.088
Approximate Entropy (ApEn)		1.192
Sample Entropy (SampEn)		1.787
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.276
Long-term fluctuations, $\alpha 2$		0.289

Poincare Plot



Detrended fluctuations (DFA)



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