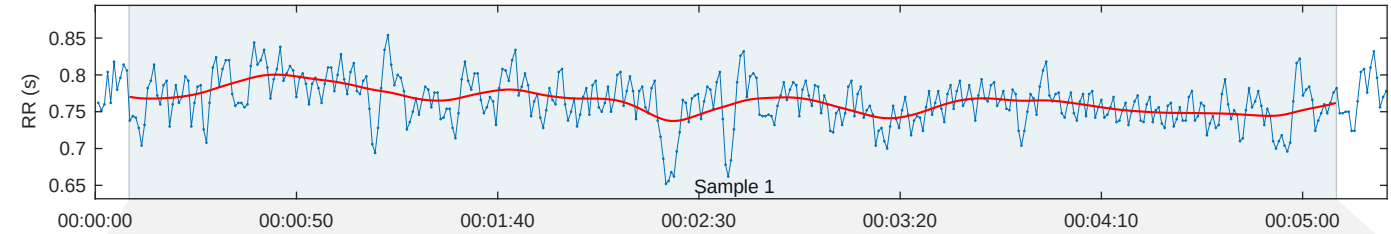
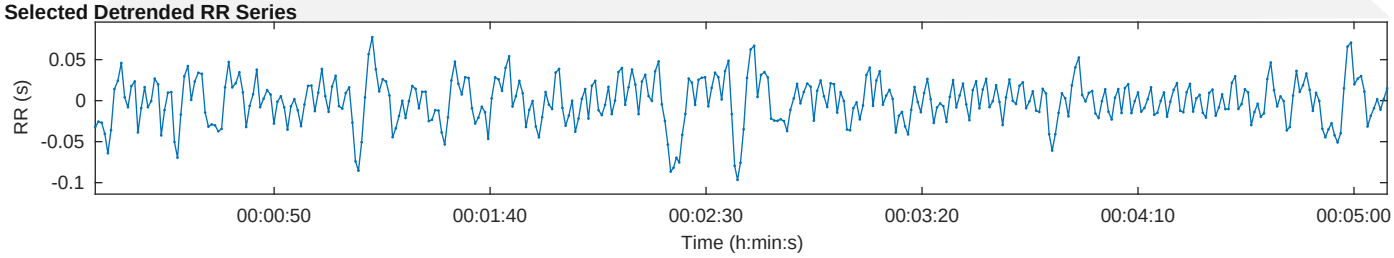
HRV Analysis Results

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:	00:05:00
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:05:21	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

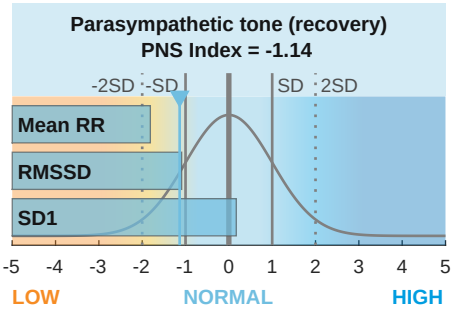
Mean RR	RMSSD	SD1
763 ms	**25.7** ms	**34.7** %

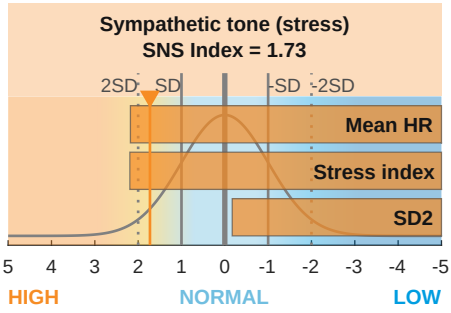
PNS Index = -1.14

Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
79 bpm	**15.3**	**65.3** %

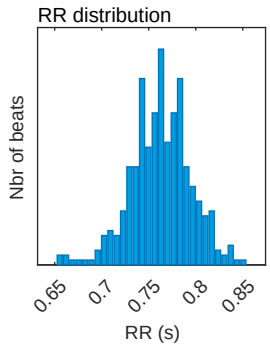
SNS Index = 1.73





Time-Domain Results

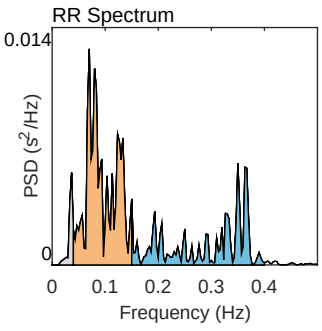
Variable	Units	Value
Mean RR*	(ms)	763
Mean HR*	(bpm)	79
Min HR	(bpm)	73
Max HR	(bpm)	90
SDNN	(ms)	27.3
RMSSD	(ms)	25.7
NN50	(beats)	19
pNN50	(%)	4.85
RR triangular index		7.86
TINN	(ms)	141.0
Stress Index (SI)		15.3



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)	0.037	0.070	0.350
Power	(ms^2)	40	505	285
Power	(log)	3.685	6.224	5.653
Power	(%)	4.80	60.83	34.36
Power	(n.u.)		63.90	36.09

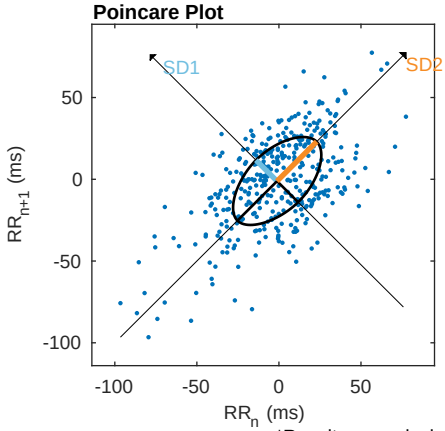
Total power	(ms^2)	830		
Total Power	(log)	6.721		
LF/HF ratio		1.771		
RESP	(Hz)	-		



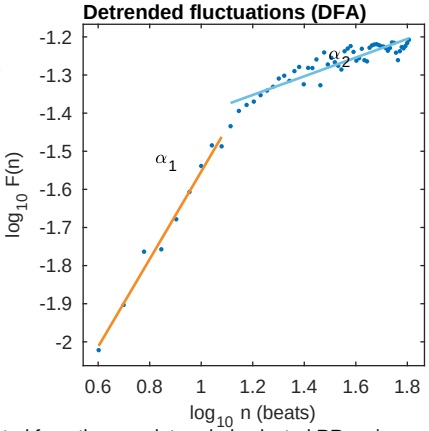
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	18.2
SD2	(ms)	34.1
SD2/SD1		1.879
Approximate Entropy (ApEn)		1.164
Sample Entropy (SampEn)		1.652
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.149
Long-term fluctuations, $\alpha 2$		0.245

Poincare Plot



Detrended fluctuations (DFA)



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