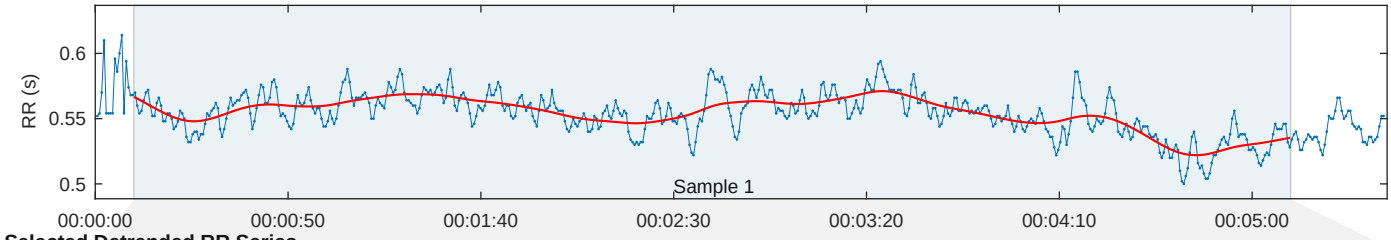
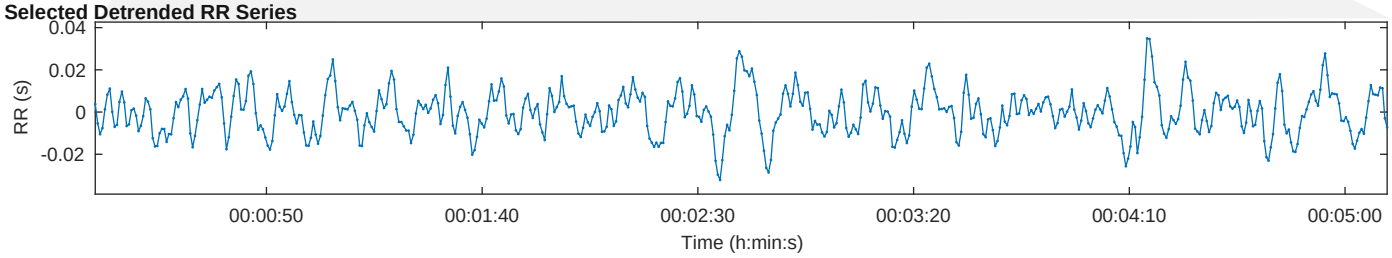
HRV Analysis Results

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:	00:05:35	Analysis samples:	1	Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

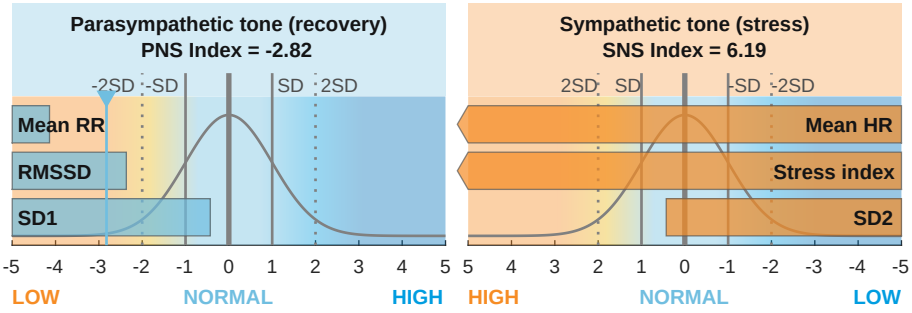
Mean RR	RMSSD	SD1
553 ms	**6.5** ms	**25.1**%

PNS Index = -2.82

Sympathetic Nervous System (SNS)

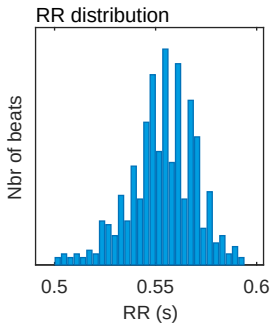
Mean HR	Stress index	SD2
108 bpm	**29.3**	**74.9**%

SNS Index = 6.19



Time-Domain Results

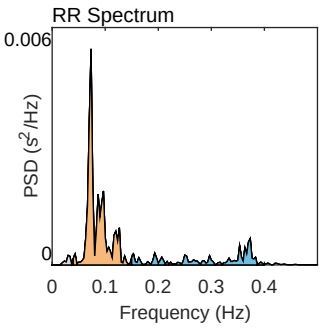
Variable	Units	Value
Mean RR*	(ms)	553
Mean HR*	(bpm)	108
Min HR	(bpm)	102
Max HR	(bpm)	119
SDNN	(ms)	10.2
RMSSD	(ms)	6.5
NN50	(beats)	0
pNN50	(%)	0.00
RR triangular index		3.33
TINN	(ms)	54.0
Stress Index (SI)		29.3



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)	0.030	0.073	0.373
Power	(ms^2)	2	83	27
Power	(log)	0.916	4.418	3.278
Power	(%)	2.23	74.06	23.69
Power	(n.u.)		75.75	24.23

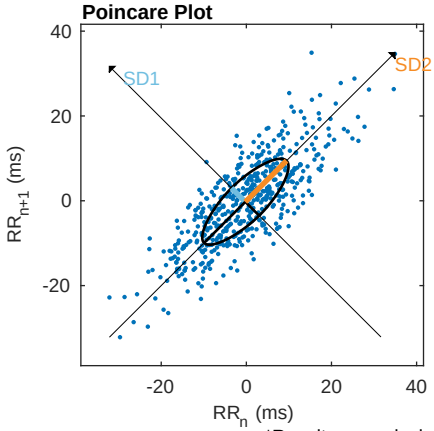
Total power	(ms^2)	112		
Total Power	(log)	4.719		
LF/HF ratio		3.126		
RESP	(Hz)	-		



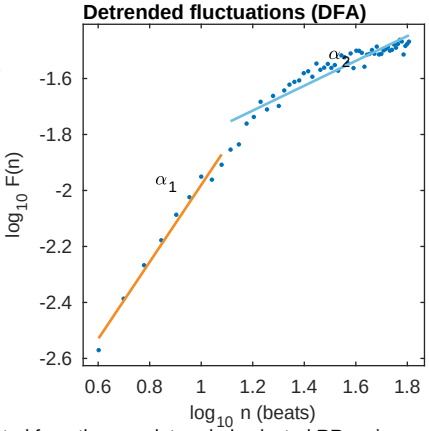
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	4.6
SD2	(ms)	13.7
SD2/SD1		2.980
Approximate Entropy (ApEn)		1.270
Sample Entropy (SampEn)		1.531
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, $\alpha 1$		1.376
Long-term fluctuations, $\alpha 2$		0.444

Poincare Plot



Detrended fluctuations (DFA)



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