

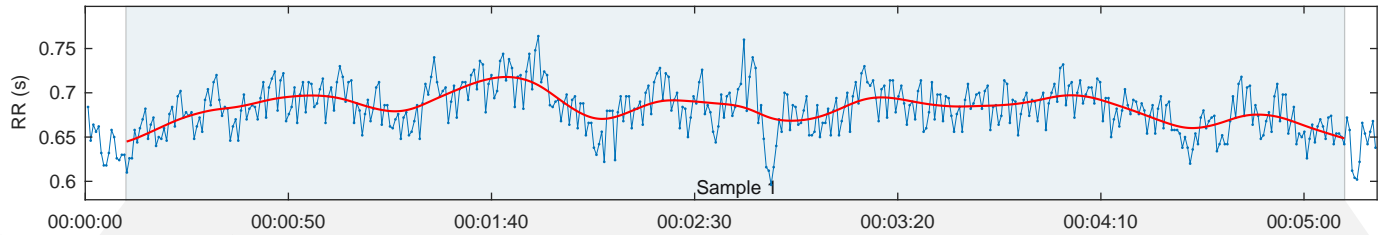
HRV Analysis Results

rr_interval_ayaka_2_flow.csv - -

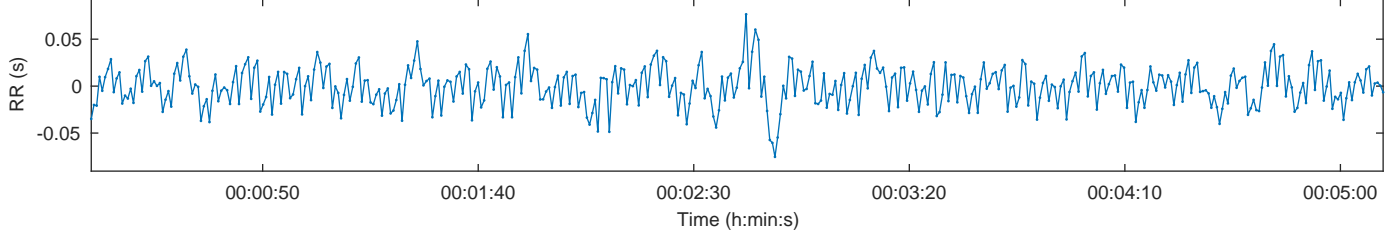
Page 1/1

Person:			Measurement Info			Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Sample start:	00:00:10
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Sample length:	00:05:00
Max HR:	170 bpm	BMI:	24.1 kg/m ²	Duration:	00:05:18	Analysis samples:	1
			Trend removal:			Smoothn priors:	none
			Artefact corr.:			Beats corrected:	Uncorrected

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

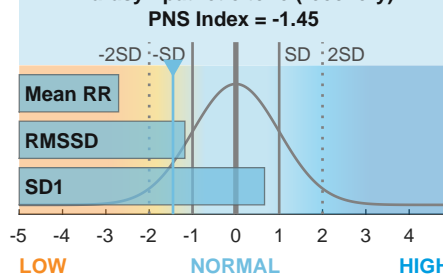
Parasympathetic Nervous System (PNS)

Mean RR	RMSSD	SD1
682 ms	24.4 ms	42.6%
PNS Index = -1.45		

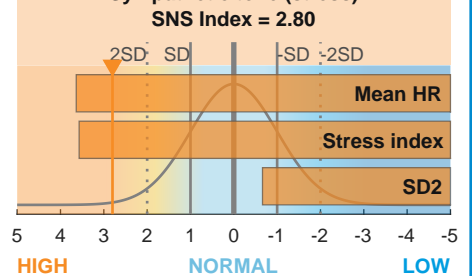
Sympathetic Nervous System (SNS)

Mean HR	Stress index	SD2
88 bpm	18.9	57.4%
SNS Index = 2.80		

Parasympathetic tone (recovery)

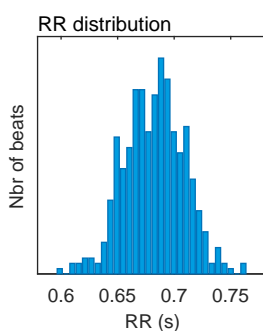


Sympathetic tone (stress)



Time-Domain Results

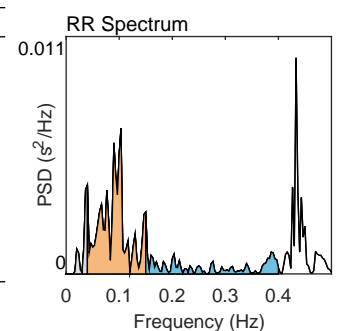
Variable	Units	Value
Mean RR*	(ms)	682
Mean HR*	(bpm)	88
Min HR	(bpm)	81
Max HR	(bpm)	97
SDNN	(ms)	20.5
RMSSD	(ms)	24.4
NN50	(beats)	9
pNN50	(%)	2.05
RR triangular index		6.29
TINN	(ms)	116.0
Stress Index (SI)		18.9



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)		0.040	0.103	0.150
Power	(ms ²)	32	240	78
Power	(log)	3.459	5.480	4.353
Power	(%)	9.10	68.62	22.22
Power	(n.u.)		75.48	24.44

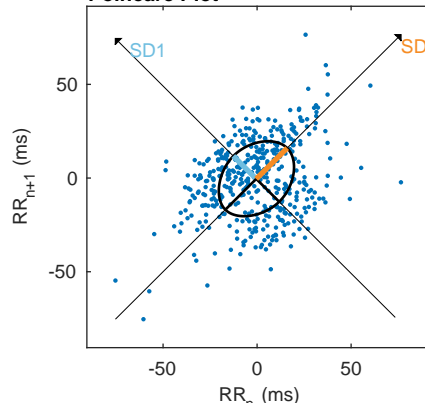
Total power	(ms ²)	350		
Total Power	(log)	5.857		
LF/HF ratio		3.088		
RESP	(Hz)	-		



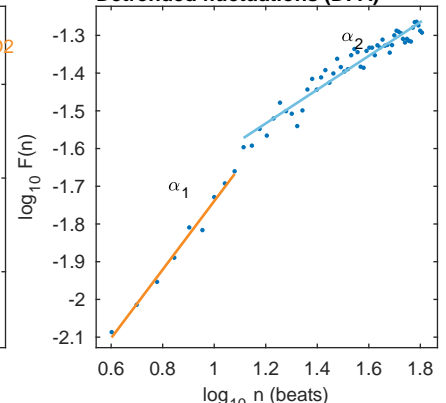
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	17.3
SD2	(ms)	23.3
SD2/SD1		1.348
Approximate Entropy (ApEn)		1.224
Sample Entropy (SampEn)		1.814
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α_1		0.908
Long-term fluctuations, α_2		0.448

Poincare Plot



Detrended fluctuations (DFA)



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