

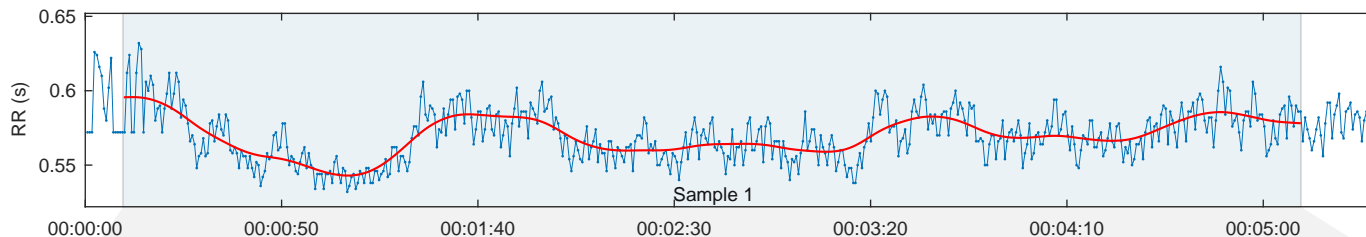
HRV Analysis Results

rr_interval_tamami_2_flow.csv - -

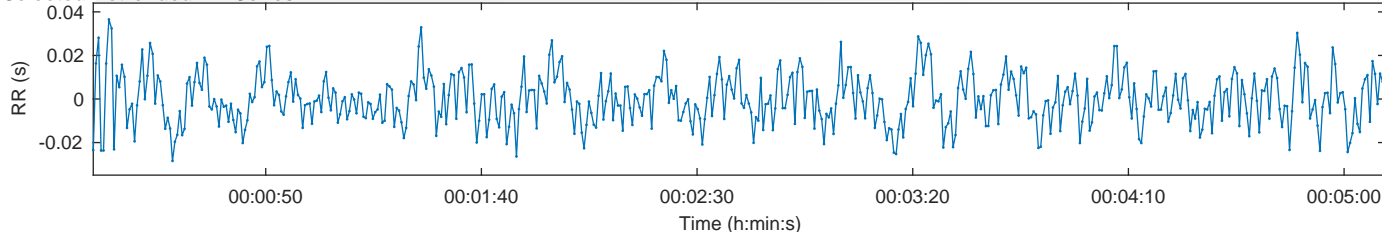
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Person:			Measurement Info			Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Sample start:	00:00:10
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Sample length:	00:05:00
Max HR:	170 bpm	BMI:	24.1 kg/m ²	Duration:	00:05:29	Analysis samples:	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
569 ms 12.3 ms 39.0%

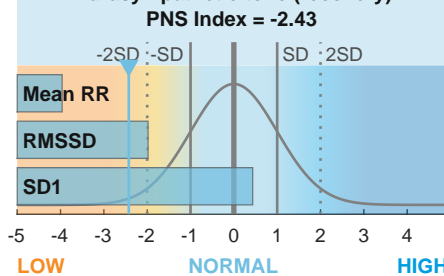
PNS Index = -2.43

Sympathetic Nervous System (SNS)

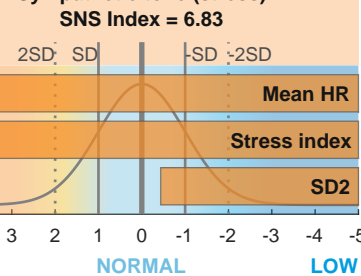
Mean HR Stress index SD2
105 bpm 35.7 61.0%

SNS Index = 6.83

Parasympathetic tone (recovery)

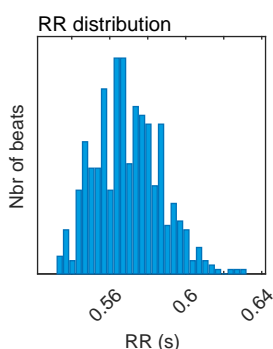


Sympathetic tone (stress)



Time-Domain Results

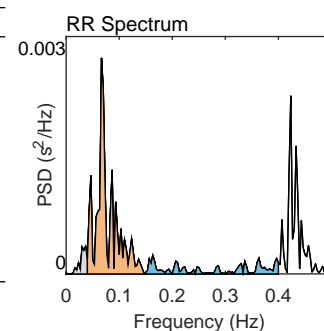
Variable	Units	Value
Mean RR*	(ms)	569
Mean HR*	(bpm)	105
Min HR	(bpm)	98
Max HR	(bpm)	112
SDNN	(ms)	11.5
RMSSD	(ms)	12.3
NN50	(beats)	2
pNN50	(%)	0.38
RR triangular index		3.49
TINN	(ms)	56.0
Stress Index (SI)		35.7



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	0.067	0.163
Power	(ms ²)	4	56	14
Power	(log)	1.470	4.028	2.617
Power	(%)	5.86	75.54	18.43
Power	(n.u.)		80.24	19.58

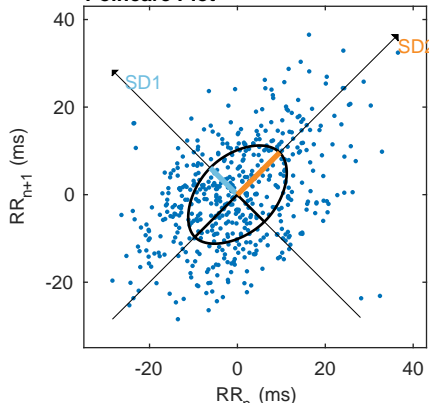
Total power	(ms ²)	74		
Total Power	(log)	4.308		
LF/HF ratio		4.098		
RESP	(Hz)	-		



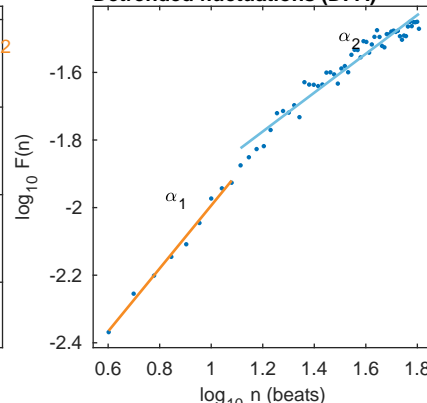
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	8.7
SD2	(ms)	13.6
SD2/SD1		1.567
Approximate Entropy (ApEn)		1.299
Sample Entropy (SampEn)		1.872
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α_1		0.931
Long-term fluctuations, α_2		0.575

Poincare Plot



Detrended fluctuations (DFA)



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