

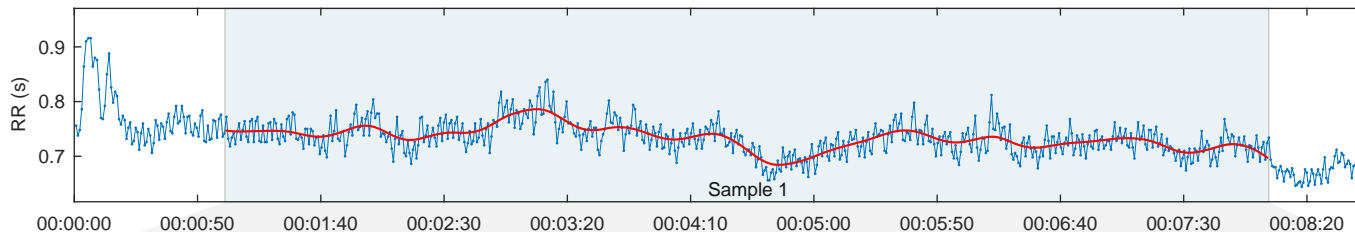
HRV Analysis Results

rr_interval_kim_3_flow.csv -

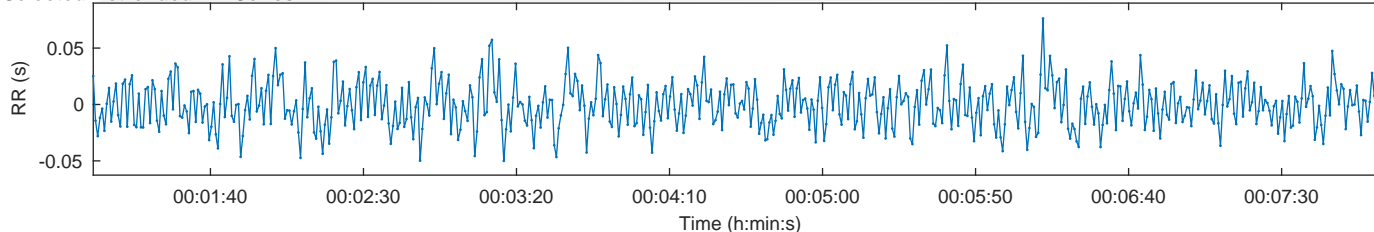
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Person:			Measurement Info			Results for Sample	
Gender:	Male	Height:	180 cm	Date:		Sample start:	00:01:02
Age:	50 years	Weight:	78 kg	Start time:	00:00:00	Sample length:	00:07:03
Max HR:	170 bpm	BMI:	24.1 kg/m2	Duration:	00:08:44	Beats corrected:	Uncorrected
			Trend removal:			Smoothn priors:	none
			Artefact corr.:				
			Analysis samples:			1	

RR Time Series



Selected Detrended RR Series



Autonomic nervous system indexes

Parasympathetic Nervous System (PNS)

Mean RR: 733 ms
RMSSD: 25.1 ms
SD1: 44.7%

PNS Index = -1.17

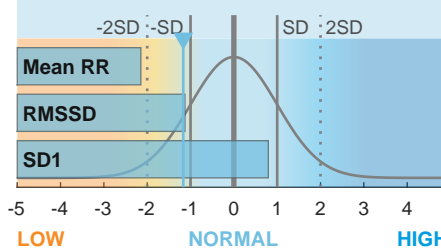
Sympathetic Nervous System (SNS)

Mean HR: 82 bpm
Stress index: 20.5
SD2: 55.3%

SNS Index = 2.63

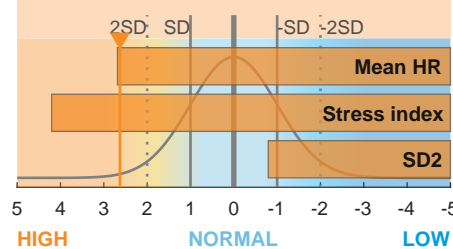
Parasympathetic tone (recovery)

PNS Index = -1.17



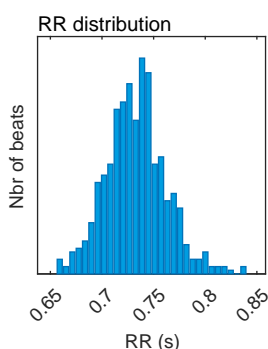
Sympathetic tone (stress)

SNS Index = 2.63



Time-Domain Results

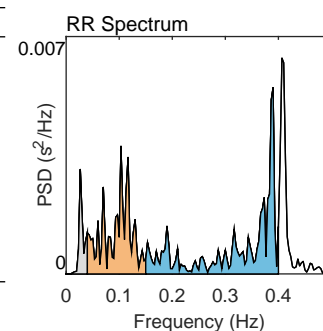
Variable	Units	Value
Mean RR*	(ms)	733
Mean HR*	(bpm)	82
Min HR	(bpm)	74
Max HR	(bpm)	90
SDNN	(ms)	20.0
RMSSD	(ms)	25.1
NN50	(beats)	12
pNN50	(%)	2.08
RR triangular index		6.27
TINN	(ms)	103.0
Stress Index (SI)		20.5



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	0.103	0.390
Power	(ms ²)	25	123	172
Power	(log)	3.235	4.815	5.147
Power	(%)	7.88	38.27	53.34
Power	(n.u.)		41.54	57.90

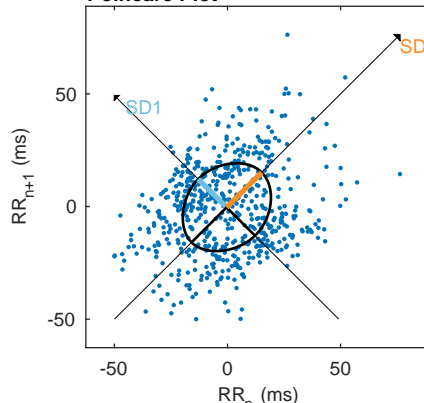
Total power	(ms ²)	322		
Total Power	(log)	5.776		
LF/HF ratio		0.717		
RESP	(Hz)	-		



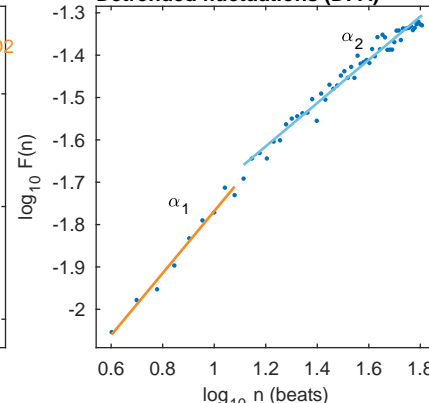
Nonlinear Results

Variable	Units	Value
Poincare Plot		
SD1	(ms)	17.8
SD2	(ms)	22.0
SD2/SD1		1.236
Approximate Entropy (ApEn)		1.369
Sample Entropy (SampEn)		1.924
Detrended Fluctuation Analysis (DFA)		
Short-term fluctuations, α_1		0.732
Long-term fluctuations, α_2		0.511

Poincare Plot



Detrended fluctuations (DFA)



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