

Chart I - Linear methods of HRV analysis

Domain	Parameter	Unit	Definition in english	Definition in portuguese	Physiological interpretation
TIME	Statistical methods				
	SDT RR (SDNN)	ms	Standard deviation of NN intervals	Desvio padrão dos intervalos NN	Sympathetic and parasympathetic activities [11] In short-term recordings, it predominantly reflects parasympathetic activity [9]
	SDNNi	ms	Mean of the standard deviations of all the NN intervals for each 5 min segment of a 24 h HRV recording	Média dos desvios padrão de todos os intervalos NN para cada segmento de 5 min de um registro de 24 h VFC	Sympathetic and parasympathetic activities [11]
	SDANN	ms	Standard deviation of the average NN intervals for each 5 min segment of a 24 h HRV recording	Desvio padrão das médias dos intervalos NN para cada segmento de 5 min de um registro de 24 h VFC	Sympathetic and parasympathetic activities [11]
	RMSSD	ms	Root mean square of successive RR interval differences	Raiz quadrada da média dos quadrados das diferenças entre os intervalos RR	Parasympathetic Activity [11]
	NN50	Uni.	Number of successive RR intervals that differ by more than 50 ms	Número de diferenças sucessivas entre os intervalos RR que são > 50 ms	Parasympathetic Activity [11]
	pNN50	%	Percentage of successive RR intervals that differ by more than 50 ms	Porcentagem das diferenças sucessivas entre os intervalos RR que são > 50 ms.	Parasympathetic Activity [11]
	Geometric methods				
	HRV triangular index	-	Integral of the density of the RR interval histogram divided by its height	Integral do histograma do intervalo RR dividido pela altura do histograma.	Sympathetic and parasympathetic activities [11]
	TINN	ms	Baseline width of the RR interval histogram	Largura da base do histograma dos intervalos RR.	Global activity of the autonomic nervous system [12]
FREQUENCY	ULF	ms ²	Ultra-low-frequency band	Ultra baixa frequência	Humoral, vasomotor and temperature regulation, and activity of the renin-angiotensin-aldosterone system [13]
	VLF	ms ²	Very-low-frequency band	Muito baixa frequência (< 0.04 Hz)	Humoral, vasomotor and temperature regulation, and activity of the renin-angiotensin-aldosterone system [13]
	LF	ms ²	Low-frequency band	Baixa frequência (0.04–0.15 Hz)	Sympathetic Activity (mainly in

					normalized units - n.u.) [11] Baroreflex sensitivity [14] Primarily parasympathetic activity (LF = (0.50 x ANSp) + (0.25 x ANSs) + (0.25 x other effects) [15]
HF	ms ²	High-frequency band	Alta frequência (0.15–0.4 Hz)	Parasympathetic Activity [11] Mainly Parasympathetic activity HF = (0.9 x ANSp) + (0.1 x ANSs) [15]	
LF/HF	ms ²	Ratio of LF-to-HF power	Razão entre o LF e o HF	Sympathetic/Vagal Balance or Sympathetic Modulation [11] LF/HF = (0.50 x ANSp) + (0.25 x ANSs) + (0.25 x others) / (0.9 x ANSp) + (0.1 x ANSs)[15]	
Total power	ms ²	Total spectral potential	Potencial total espectral	Sympathetic and parasympathetic activities[16]	