

Chart I - Linear methods of HRV analysis

Domain	Parameter	Unit	Definition in english	Definition in portuguese	Physiological interpretation
TIME	<b>Statistical methods</b>				
	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]
	<b>Geometric methods</b>				
	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 <sup>2</sup>	Ultra-low-frequency band	Ultra baixa frequência	Humoral, vasomotor and temperature regulation, and activity of the renin-angiotensin-aldosterone system [13]
	VLF	ms <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	Total spectral potential	Potencial total espectral	Sympathetic and parasympathetic activities[16]	