Table S1. Abbreviations & meaning of fHRV measures

Alphabetically ordered heart rate variability measures	Abbreviation	Domain	Degree vs Complexity of variability
Allan factor distance from a Poisson distribution	aFdP	Informational	Complexity
Predictive feature: error from an autoregressive model	ARerr	Informational	Degree
Multiscale time irreversibility asymmetry index	AsymI	Energetic	Complexity
Coefficient of variation	Coefficient of variation	Statistical	degree
Complexity	Complexity	Energetic	Complexity
Correlation dimension	Correlation dimension	Invariant	Complexity
Poincare plot cardiac sympathetic index	CSI	Geometric	Degree
Poincare plot cardiac vagal index	CVI	Geometric	Degree
Detrended fluctuation analysis a1	DFA Alpha 1	Invariant	Complexity
Detrended fluctuation analysis a2	DFA Alpha 2	Invariant	Complexity
Detrended Fluctuation analysis: area under the curve	DFA AUC	Invariant	Degree
Recurrence quantification analysis: maximum diagonal line	dlmax	Geometric	Complexity
Embedding scaling exponent	eScaleE	Invariant	Complexity
Fano factor distance from a Poisson distribution	fFdP	Informational	Complexity
Form Factor	formF	Statistical	Complexity
Grid transformation feature: grid count	gcount	Informational	Complexity
High frequency power	HF Power	Energetic	degree
Similarity index of the distributions	histSI	Informational	
Hurst exponent	Hurst exponent	Invariant	Complexity
Index of variability distance from a Poisson distribution	IoV	Informational	Complexity
Kullback-Leibler permutation entropy	KLPE	Informational	Complexity
Low frequency power	LF Power	Energetic	degree
LF/HF ratio	LF/HF ratio	Energetic	degree
Mean heart rate	Mean rate	Statistical	degree
Multifractal spectrum cumulant of the first order	MultiFractal_c1	Invariant	Complexity
Multifractal spectrum cumulant of the second order	MultiFractal_c2	Invariant	Complexity
Multiscale Entropy	Multiscale Entropy	Informational	Complexity
Recurrence quantification analysis: percentage of determinism	pD	Geometric	Complexity
Recurrence quantification analysis: determinism/recurrences	pDpR	Geometric	Complexity
Recurrence quantification analysis: percentage of laminarity	pL	Geometric	Complexity
Poincaré plot SD1	Poincaré SD1	Geometric	degree
Poincaré plot SD2	Poincaré SD2	Geometric	degree
Power law (based on frequency) slope	Power Law Slope	Invariant	Complexity
Power law (based on frequency) Y intercept	Power Law Y-Intercept	Invariant	Complexity
Recurrence quantification analysis: percentage of recurrences	pR	Geometric	Complexity
Plotkin and Swamy energy operator: average energy	PSeo	Energetic	degree
Quadratic Sample entropy	QSE	Informational	Complexity
Scale dependent Lyapunov exponent slope	SDLEalpha	Invariant	Complexity
Scale dependent Lyapunov exponent mean value	SDLEmean	Invariant	Complexity
Recurrence quantification analysis: Shannon entropy of the diagonals	sedl	Geometric	Complexity
Recurrence quantification analysis: Shannon entropy of the vertical lines	sevl	Geometric	Complexity
Grid transformation feature: AND similarity index	sgridAND	Informational	Complexity
Grid transformation feature: time delay similarity index	sgridTAU	Informational	Complexity
Grid transformation feature: weighted similarity index	sgridWGT	Informational	Complexity
Shannon Entropy	shannEn	Informational	Complexity
Symbolic dynamics: modified conditional entropy, non-uniform case	SymDce_2	Statistical	Complexity
Symbolic dynamics: forbidden words, non-uniform case	SymDfw_2	Statistical	Complexity
Symbolic dynamics: percentage of 0 variations sequences, non-uniform case	SymDp0_2	Statistical	Complexity
Symbolic dynamics: percentage of 1 variations sequences, non-uniform case	SymDp1_2	Statistical	Complexity
Symbolic dynamics: percentage of 2 variations sequences, non-uniform case	SymDp2_2	Statistical	Complexity
Symbolic dynamics: Shannon entropy, non-uniform case	SymDse_2	Statistical	Complexity
Teager energy operator: average energy	Teo	Energetic	degree
Very low frequency power	VLF Power	Energetic	degree
Recurrence quantification analysis: maximum vertical line	vlmax	Geometric	Complexity