SUPPLEMENTAL TABLE S2. Results of second-degree fractional polynomials

	Coefficient	S.E.	p	Deviance	Deviance difference	p (*)
Normalized HFi				14721.343	6396.326	<0.001
Intercept	104.164	0.207	<0.001			
Time	-6.517	0.022	<0.001			
Time*ln(Time)	1.221	0.004	<0.001			
Normalized LFi				6283.756	12980.822	<0.001
Intercept	89.558	0.038	<0.001			
Time	-1.580	0.001	<0.001			
$Time^2$	0.008	0.000	<0.001			
Normalized LFi /HFi				18116.954	4993.789	<0.001
Intercept	11.862	0.268	<0.001			
Time	1.401	0.010	<0.001			
$Time^2$	-0.011	0.000	<0.001			

HR				10718.812	2571.755	<0.001
Intercept	63.349	0.165	<0.001			
$Time^{0.5}$	4.701	0.052	<0.001			
Time	-0.398	0.004	<0.001			
Normalized PPGA				13492.334	2910.162	<0.001
Intercept	13.637	0.082	<0.001			
$Time^{2}$	0.011	0.000	<0.001			
$Time^{3}$	0.000	0.000	<0.001			

The best-fitting second-degree fractional polynomials are shown, and a statistical testing against the best-fitting first-degree fractional polynomials through deviances was performed. (*) p-value from deviance difference comparing first-degree with second-degree fractional polynomial. HF, high-frequency power; HFi, instantaneous high-frequency power; HR, heart rate; LF, low-frequency power; LFi, instantaneous low-frequency power; PGGA, photoplethysmography amplitude

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