

Abstract Submitted
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Fractal Hearts are Healthy Hearts—Are Fractal Companies Healthy Companies? BRONSON ARGYLE, GUS HART, Brigham Young University — Fractal analyses of cardiac rhythms have implied that healthy individuals have complex cardiac behavior whereas aged or unhealthy individuals show either more random or more periodic behavior. Does this marker of “complexity = health” show up elsewhere? Can this technique be used in other fields as well? Particularly in the field of finance, can we use a similar approach to assess a corporation’s financial health? It may be possible to find a similar relationship between a corporation’s volatility and future share price, that is, between past corporate markers and future value-related indicators. Such an analysis may provide for more accurate risk aversion and allow us to predict future corporate health.

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