

Extreme Events (Xevents) and Socionomics

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What is an Xevent, Anyway?

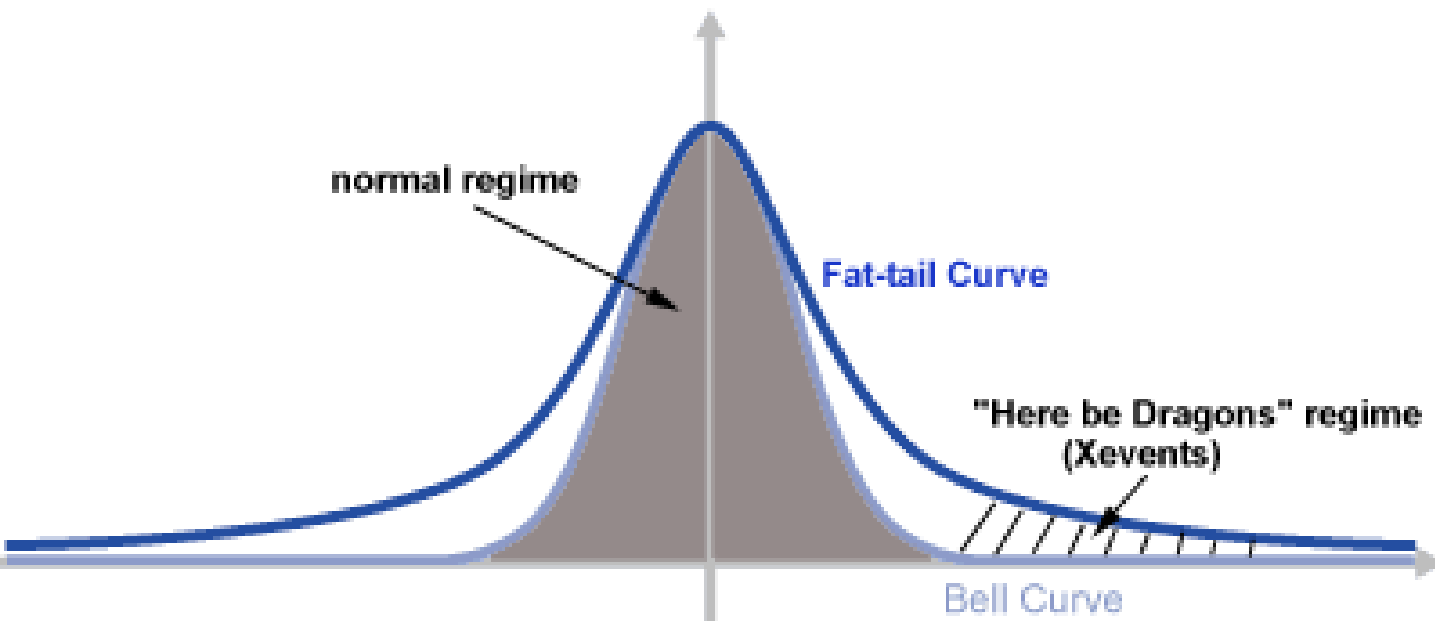
The Conventional Wisdom

- Short time duration
- Rare
- Catastrophic

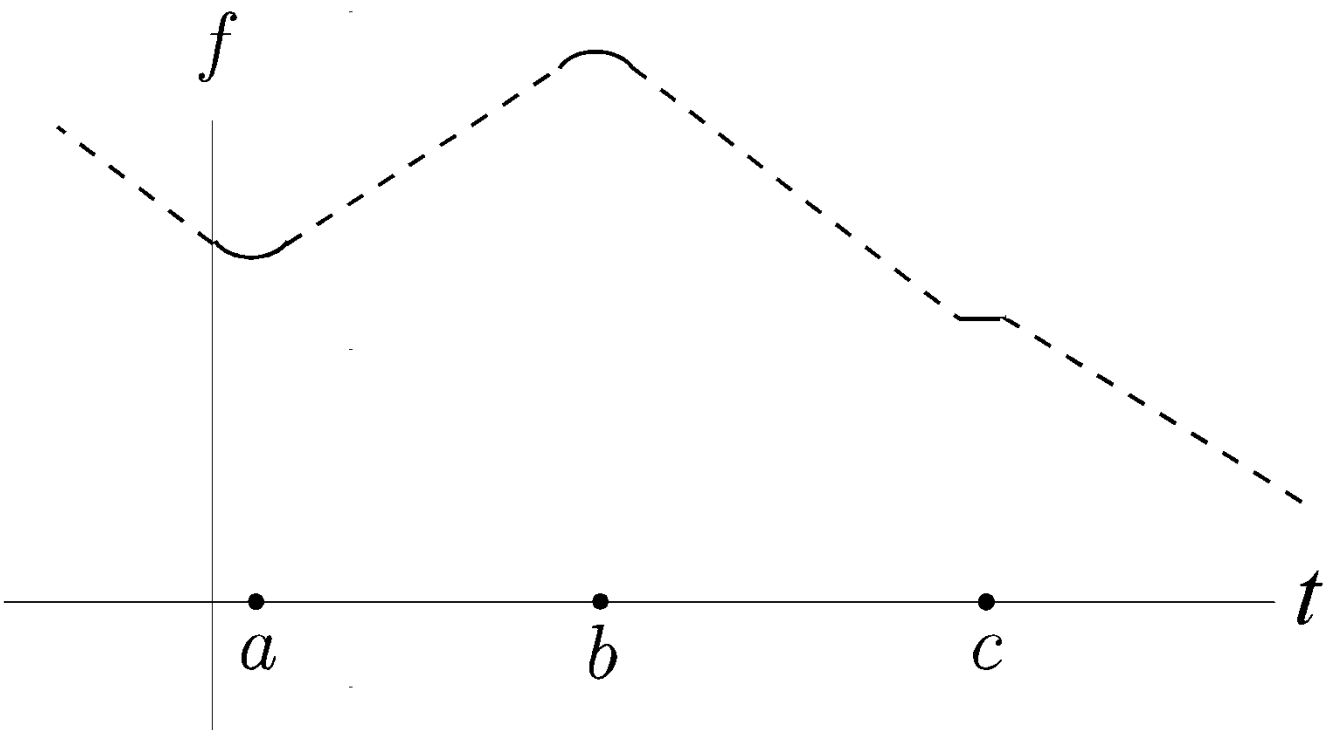
The Xevents View

- Unfolding time (UT)
- Impact time (IT)
- Rare
- Good or bad

The Xevents Regime



X events \approx Critical Points



Complexity Mismatches

Law of Requisite Complexity:

*“Only complexity can
control complexity”*

Examples of Complexity Mismatches

- Arab Spring
(gov't vs public)
- Japanese earthquake
(nature vs humans)
- Financial Crash of 2007
(financial services
vs regulators)

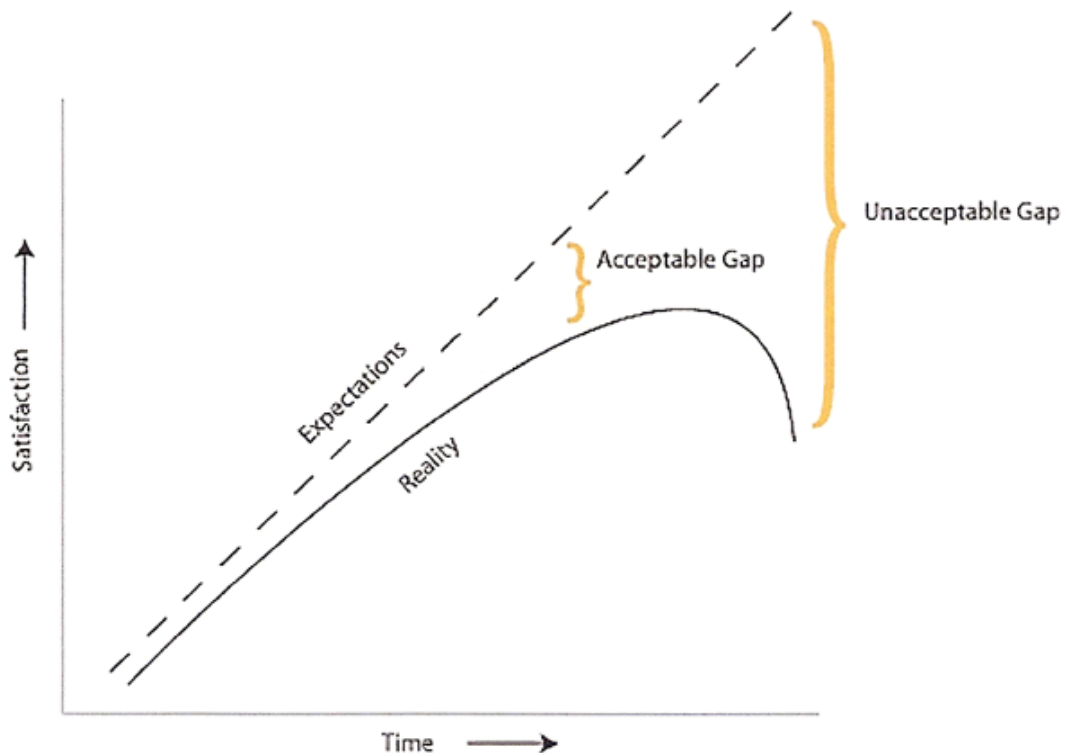
What is Social Complexity?

Answer: At present, nobody really knows

Socionomics and Social Complexity?

Conjecture

“Social complexity impacts expectations; hence, it impacts changes of social mood”



Research Questions

- How to measure social complexity?
- How to measure the complexity of social mood?
- What is the complexity of an event?
- Timescales of change in complexity vs change in mood?