THE SPACE OF EMOTIONAL LIVES OF ALL HUMAN BEINGS

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Let $0 < t < T$ and let $\mathcal{A}_t$ be a filtration of sigma-algebras on $C(\mathbf{R}, \mathbf{R}^7)$, the space of paths indexed by t.

A probability measure on this space of paths is a *model of emotional lives of all human beings*.

The *space of paths on* $\mathbf{R}^7$ can be identified with emotional lives of humans because seven systems determine all emotional states of human beings. A probability measure on this space then is then the condition of the world where emotional lives of all people have the corresponding distribution. This is something that we are interesting in learning.

We can calibrate this sort of model and gain deeper insight about our emotional lives across the globe one day.

1. Central Problem

Let's assume that we have calibrated the probability distribution on the space of Emotional Lives. We then want to know if there exist a small set of variables $v_1, \ldots, v_S$ with the properties that

- Changing v_s is inexpensive in the actual world
- We can maximize Life Satisfaction over $(v_1, \ldots, v_S)$

This is the central problem of Emotional Lives of Humans in our view.