



Hetero - Canonical Computation in Eye Tracking Modeling

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Introduction

No preferred decision is a wrapping up. Traditional preferred decision models have been introductory in appreciative (entrepreneurial) preferred decision-making. These assume that individuals are rational actors who aim to capitalize on their value through optimal preferred decisions. Since ascent of cognito-sciences in research complex anthropoid capital based preferred decision making (HC-ECM) and behavioral complex cognito-anthropoid capital has engaged strides in direction of snowballing psychosomatic practicality of prototypes and causal suppositions. This has been effectual at spawning inventive exploration schemata in cognito-anthropoid capital-based preference dynamics). Over decades, entrepreneurial practices have metamorphosed ushering era of inter - disciplinary practices with 'anthropoid beings', as 'Central Agents' of preferred decision behaviour. Some practices are convoluted but considerable in spite of unsullied neuroeconomic preferred decision tasks. These lead to espouse determined outlines, operational tools, procedures and multi - dimensional setting. As a final point, decision practices are wedded to neurosciences. Within new turf of cognito - anthropoid based dissimilar stratagem, conscientiously despoiled by those unapprised of its start, and incontrovertibly, those beginning may be omitted, try to find a universal idiom and conjecture to better comprehend anthropoid behaviour. If VUCA (Vulnerability, Uncertainty, Complexity, and Ambiguity) has given derivation to BANI (Brittle, Anxious, Non-linear, and Incomprehensible), it is tractable that time is appropriate for endoscopic peek into challenges in neuroeconomic preferred decision pathways. New siblings: RUPT (Rapid, Unpredictable, Paradoxical, and Tangled) and TUNA (Turbulent, Uncertain, Novel, and Ambiguous) pose challenge. The revolutionary implications of this idea are still imperfectly understood because they have not yet

been fully explored. But it is a revolutionary idea that is gaining acceptance. The time is ripe to embrace the package with a positive lens in sync with the forces of chaotic conditions. Promising turf of neuro-sciences offers conjectural support to this dimension.

Aim

Must we accept determinism? Is non-determinism a viable option? Neuro management focuses on ocular sachet and impact on behavior and cognitive functions (eye tracking), studying cellular, functional, behavioral, evolutionary, computational, molecular, cellular and medical aspects of nervous. Aim is to decipher an interdisciplinary anatomical peep into dynamics of elastic grounded theory-based decision behavior that establish correlation connecting risk-oriented patterns with decision making performing as moderator. Aim is to reflect upon hetero - canonical and disruption judgment making process that marks commitment to obdurate intention. Attempt is to explore tenets of applied neuro management in how managers decide? What aids judgment making dynamics and mechanism in hetero - canonical and disruption scenario? Being an exploration of biological foundations of judgment perception and comportment, paper attempts to classify and check biologically micro - founded models that yoke cognitive structure blocks.

Selected inquiries

This work advances theoretical models, grounded on axiomatic groundwork of normative and descriptive levels of analysis in hetero - canonical and disruption set-up. Scope is to reconnoiter; how managers make optimal judgment practices? How human anatomy influences judgments to bargain hot buttons? Selected inquiries from point of eye tracking are; how to account information about value, risk, ambiguity and timing? How do these criteria behave

with reference to chosen approach? Are there direct correlations between approaches within hetero - canonical and disruption spectrum? How do identifiable variables affect selection of managerial practices? What kinds of algorithms and computations underpin managerial practices? How can managers put into practice digital 'inferential' data for logical inquiry? What are the limits of understanding thinking in a form of computing? How important is precise timing of action potentials for information processing? Is there a canonical computation performed by cortical columns? How is information in ocular satchet processed by collective dynamics of large neuronal circuits? What level of simplification is suitable for description of information processing in ocular satchet? What is the neural code? How does ocular satchet transfer sensory information into coherent, private percepts? How does ocular satchet integrate data in order to evaluate experiences and risks? How does it strike balance between stability and context sensitivity in judgment and grounded theory-based decision? What neural mechanisms underlie those fundamental cognitive abilities? What are the coherent ocular satchet dynamics underlying prediction, control and judgment making? Theoretical explanations posit that human ocular satchet accomplishes this through neural computations. Deciphering such transactions require understanding of cognito processes that implement value - dependent judgment making. This leads to formulation of 'cognito - judgment making inconsistency'. Goal is speculation of how ocular satchet implements judgments that is tied to behaviour with reference to eye tracking.

Contemporary neuro-psychology research strives to answer questions about human thinking and interaction in wide variety of settings. How understanding human cognition, emotion and grounded theory-based decision-making impact decision theory? How mathematical understanding of human cognition, emotion, and decision-making dynamics can impact decision theory? How do irrational decision-making properties arise in ocular satchet? How do irrational properties of decision-making survive at all? How do certain environments contextually trigger irrational decisions? How are feature patterns processed in noisy cells with finitely many sites without being contaminated by either noise or saturation? How do cells maintain their sensitivity to input patterns whose overall size changes wildly through time? How does decision of feedback signal function? How do irrational decisions arise from adaptive mechanisms that are selected by evolution? What is the neural basis? How adaptive cognitive-emotional mechanisms generate irrational decisions when activated in certain environments.

Aim and objective(s)

The rapid pace of technological advancements in the digital era has brought forth a convergence of two transformative forces: digital transformation and artificial intelligence (AI) (Castellan; 1977 and Kowler; 2011). There is an imperative need to understand issues and challenges research in turf of business management with center of concentration on preferred decision making. This research attempt aims to survey concept of flowing astuteness in perspective of preferred decision-making and how unpredictability influences entrepreneurial behaviour. There is a need to unscrambling dynamics of fluid preferred decision intelligence in face of unpredictability with a hetero - canonical neuro - entrepreneurial perspective. Need is to explore relationship between fluid intelligence and entrepreneurial behaviour, unravel neural processes underlying fluid intelligence and provide insights into mechanisms that contribute to entrepreneurial success. Aim of this research attempt is to reflect upon heterodoxian and disruption neuroeconomic preferred decision-making process that marks commitment to obdurate intention. The aim is to decipher an interdisciplinary -based anatomical peep into the dynamics of challenges in neuroeconomic preferred decision pathways that establish a correlation connecting risk-oriented patterns with preferred decision-making performing as moderator.

Methodology

Methodology adopted, in this paper, is a calibrated juxtaposition of conjectural and investigational contributions with spotlight on capability to balance oscillation between complex VUCA and accompanying BANI with reference to ocular satchet dynamics. Attempt facilitates extension to grounded theory-based decision theories and applications to observe ocularsatchet wave neural activity through Ocular Waves while establishing co-relation between risk-oriented situations. Fluid intelligence processes are mapped via Eye Soundings that depicts co-relation thereby providing substantiation about 'geometric' processes in fluid intelligence. Single-subject experimentation has been adopted wherein subject had experimental control and showed degrees of experimental unpredictability, if any. As regards methodology, research attempt draws from ocular tracking experiment with replicative efforts on mind - wave studies. The methodology adopted is a calibrated juxtaposition of conjectural and investigational contributions with spotlight on capability to balance oscillation between complex VUCA, BANI, RUPT and TUNA with reference to eye dynamics. Five (N=05) participants were adopted for the eye tracking test. The Tobii eye tracker was used for the purpose.

Experimental Results and Discussion

The study provides setting for basic research on how

- Neuro - ophthalmic offers solution through progression of measurements of eye motion,
- Provides conceptual framework for neuro - ophthalmic research at intersection of neuroscience, ophthalmic and psychology,
- Describes model for preferred decision process that links and spans neurobiological, psychological, and ophthalmic levels of analysis,
- Applies neuroscience to neuro ophthalmic turfs in how we judge relative value and make preferred decisions,
- New set of data shed light on causes of behaviour (and therefore of the neuro anomalies) and help build new theories capable of explaining and predicting complex preferred, and
- Measurement of eye motion provides information about mechanisms used by eye for period of preferred decision processes,

Conclusion

Research attempt raises interesting theoretical and practical levels of analysis significant in business strategy Research efforts conclude with characteristic schemes and presents directions for future research. There search attempt concludes with a number of propositions that have been generated from the theoretical 'mosaic' and presents directions for future research. Output is a contribution to co-relation of exploratory research and computational modeling with aim of intensifying use of computational prototypes and replication to explain results for grounded theory-based decision makers. Results advance models, grounded on dynamics of elastic decision behavior: Ocularsachet wave activation demonstrates repeatability and specificity in cognitive reactions. These reflect appropriate results on emblematic elastic behavior. Paper observes eye soundings as normal so that ocularsachet can break out of locally ensnared circumstances. Paper propounds neuro-elastic issues based on scientific understanding of biological processes. Recommendation is upon reconnoitering fundamentals of decision dynamics as significant element in managerial practices towards judgment strategy.