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TITLE: Unawareness and Incompleteness: Relational versus Quantitative Conceptions of Belief

In Relational models, agents' belief states are represented by binary relations defined on a set of prospects; in Quantitative models by numerical belief functions (typically probabilities) on this set. In this talk I will explore the relationship between the two conceptions in the context of the treatment of the difference between belief states which are incomplete in the sense that the agent has not settled on an opinion on every prospect and belief states which exhibit less than full awareness in the sense that there are prospects outside of its domain. I will argue that the Relational model is particularly useful in solving an apparently deep problem for agents who are aware that they are less than fully aware; namely that if why they should satisfy the usual rationality requirements on belief when these requirements presuppose that the space of prospects is known.