

## Panel: Logicality vs. Rationality

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**Abstract:** Many theories that have been suggested to model agents' knowledge and belief are *logical*; namely, they assume that knowledge and belief are derived by logical inference. This approach has difficulties in dealing with incompleteness and inconsistency. It has been argued that a better approach is that of *rationality*; namely, knowledge and belief are derived by rational inference (in the sense of decision theory).