

Quantifiers and Admissible Propositions

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There are many quantified modal logics that cannot be characterised by validity in Kripke models, even though their propositional fragments have a complete Kripke semantics. This talk will describe a way of giving complete semantics to all quantified modal logics by taking seriously the view that only certain “admissible” sets of worlds should count as propositions. The challenge in such an approach comes in using the class of admissible propositions to interpret the quantifiers in a validity preserving manner.