► XAVIER CAICEDO, *0–1 laws for many-valued logics.*
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Analogues of the classical 0–1 laws, on the asymptotic probability of first order sentences on large finite structures, hold for any predicate logic with values in a finite lattice-ordered algebra, and for some infinitely valued logics, including continuous logic (hence Łukasiewicz logic) and certain Gödel logics. We address the issue invisible in the classical setting of which truth-values arise as almost-sure values of formulas of a given logic. The above generalizes previous results by Goldbring et al. on the almost sure theory of finite metric spaces and E. Grädel et al. on zero-one laws for semiring semantics. This is joint work with Guillermo Badia and Carles Noguera.