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Conservative Claims for the Probability of Perfection of a Software-based System Using Operational Experience of Previous Similar Systems

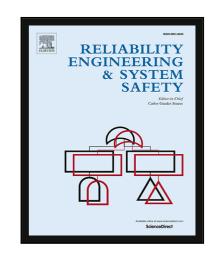
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Highlights

- New, rigorous formalism for perfection claims using evidence from similar products.
- Novel Bayesian approach requires minimal prior information from assessors.
- Conservative but useful results, based on *very restricted* prior beliefs.
- Results are as conservative as necessary, but not more than that.
- Results are superior to and a warning against informal engineering judgment.



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