

## ELICITING BETA PRIOR DISTRIBUTIONS FOR BINOMIAL SAMPLING

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- *ABSTRACT: A procedure is introduced to obtain Beta hyperparameter values for a Bayesian analysis of binary data in situations with very little or null prior information about the parameter of interest and when information has been published about the same. The elicitation procedure is illustrated, using three examples within the clinical diagnostic tests environment.*
- *KEYWORDS: Binomial sampling; Chebyshev's inequality; elicitation method.*

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