

# **Making the Most of Experience Data: An Augmented Beta-Binomial Approach**

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## **Abstract**

The popular beta-binomial approach to credibility offers an attractive way of combining the results of experience and risk rating. However, when applied to a particular age, the information available from surrounding ages is ignored. In this paper, I propose an augmentation to the beta-binomial approach that not only allows for the information contained in ages near to the age under analysis but also for variation in risk types across the different ages.