

Multiline Experience Rating

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Abstract

We investigate the concept of multivariate pricing, which includes claiming history for more than one line of business. Our approach generalises the Bühlmann-Straub model. The multivariate credibility model is extended to allow for the age of claims to have an effect on the estimated risk of future claims from the same individual within the same line or in other lines of business. The model is applied to data from a commercial portfolio.

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