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Measuring risk of a loan portfolio using actuarial mathematics. (Versicherungsmathematische Risikomessung für ein Kreditportfolio.) (German. English summary) [Zbl 1354.91175](#)

Bl., Dtsch. Ges. Versicherungsmath. 25, No. 2, 285-308 (2001).

Summary: Necessary steps towards the credit risk measurement for a portfolio are described in this article. A short description of the data requirements is followed by a detailed proof of the analytical Credit-Risk+TM model in traditional “theorem-proof-style”. The numerical implementation of the model is discussed and examples of its application are given. Finally, the model is embedded into the risk-return management of a portfolio.

MSC:

[91G70](#) Statistical methods; risk measures

[91B30](#) Risk theory, insurance (MSC2010)

[91G40](#) Credit risk

Full Text: [DOI](#)

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