UMW Department of Mathematics Announcement

Aggregate Loss Models

Presented by

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Abstract: A big part of actuarial science is about modeling losses. Losses depend on the loss frequency (number of loss events) and the loss severity (size of the loss). In this talk, I will concentrate on the aggregate losses and particularly the use of the compound distribution models to describe the aggregate losses. An aggregate loss is the total of losses in one period of time, which is often encountered in the analysis of a portfolio of risks such as a group insurance policy. Illustrative examples will be discussed. Junior level of probability and mathematical statistics knowledge is appreciated. If time allows, I will give students some tips on actuarial exams/profession.

"Ms. Chen is a candidate for an open position in the department"

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