



SOCIETY OF ACTUARIES

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## Risk Assessment in Group Health Claims

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Health insurers work hard to understand the risk of both their current policyholders and potential future customers. Using data from a major insurer, I compare and contrast several different models for risk assessment, including GLMs, GLMMs, and GAMs. I will also discuss multiple potential covariates and which appear to help them predict losses for the next year. This work is especially important with the Affordable Care Act markets beginning soon.