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# Prevention of Work-Related Accidents with Text Mining

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**ABSTRACT**

AFA Insurance is successfully using SAS® Text Miner for categorization of work-related accidents.

A major part of the information at AFA Insurance is text-based, and they analyze the cause and effect of accidents and illnesses related to work. With SAS Text Miner, AFA Insurance can work more proactively and decrease serious and expensive accidents from analyzing claims.

One example is work-related accidents of policemen in cars. By using text categorization, AFA found that female police officers are exposed to 50% more violence from criminals than their male colleagues. They were also able to identify 600 different threat situations for policemen. Results will now be used to change some of the training material for the Police Academy.

**No paper was submitted for publication.**

**CONTACT INFORMATION**

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