Svenskarnas dödlighet - ett alternativ till Makeham Lee-Carter

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September 2017

Sammanfattning

Developing ways of describing death rates and expected life lengths is of crucial relevance for life insurance companies as well as for demographic research in general. In Sweden the well- known Makeham model is most often used to describe mortality intensity as a function of age. The Lee-Carter model is subsequently used to predict future mortality. The two well- established models both have weaknesses. This master thesis investigates the need for an implementation of an alternative way of describing and predicting future mortality rates in the Swedish population. We present evidence for implementation of the alternative method and discuss similarities and differences between the methods.

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