ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to the Presentation about the Workplacement

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"Model Points Selection in Life Insurance Portfolios"

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Abstract

Life insurance companies typically conduct various types of actuarial projection calculations for risk management purposes. These calculations are essential, for instance, to comply with regulatory requirements like Solvency II or for internal planning within the insurance company. The different types of projection calculations vary in terms of their time horizon, scenarios considered, and the actuarial variables involved. To adequately reflect the uncertainty of future developments, not only one but various scenarios need to be modeled.Therefore, challenges often arise due to the computational effort associated with these actuarial projection calculations. The main task during my internship at the Kärntner Landesversicherung was to find a way to enhance the efficiency of actuarial projections by selecting a small set of representative insurance policies, called model points, which serve as inputs for the projections instead of the entire portfolio.

Michaela Szölgyenyi and the Department of Statistics look forward to seeing you at the talk!