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Applying ruin theory to retirement savings: A case study

In this talk, we will discuss how an advanced ruin theory model can be applied to retirement savings of individuals aiming at evaluating long-term risks related to their portfolios. To illustrate our approach, we fit the model to transactional data provided by a registered investment provider to the Financial Wellness Lab at Western University. We split the clients by gender and risk tolerance and examine how investment portfolios evolve over time in each group of clients.