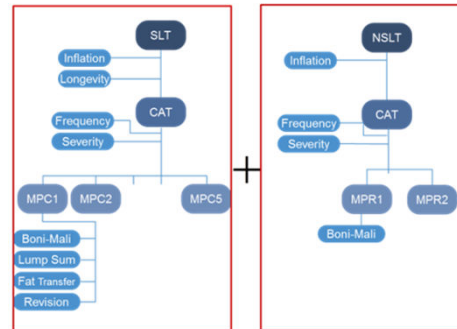
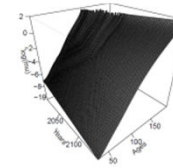
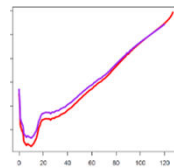
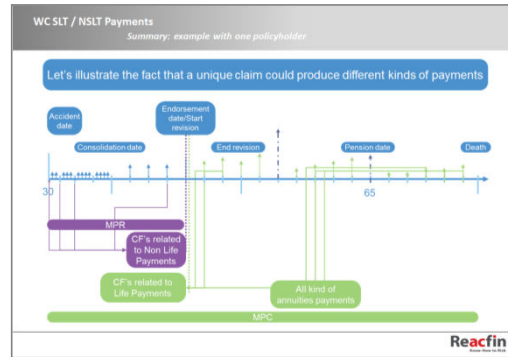


Workers' Compensation model in Health Insurance

Client Situation

- Belgian subsidiary of an international group
- Need to extend the P&C Internal model to Workers' Compensation business
- A mapping between the Standard Formula risks and the internal model risks should also be established



Reacfin Contribution

- Improve the actuarial and business knowledge
- Proposed a consistent modeling framework for all the payment types (SLT, NSLT)
- Implementation under client's constraints (existing tool, process,...)
- Replicating simple external model for validation of the new implementation
- Benchmarking

Issues

- Workmen's Compensation very specific in Belgium due to specific law
- Necessity to be compliant with regulation
- Develop an extension to the existing tool in order to keep a similar process
- Development of an SLT annuities framework to an existing NSLT framework

Results & Benefits

- Improved risks & business comprehension
- Increased knowledge on actuarial knowledge and solvency principles
- Flexible tool allowing to compute technical provision and solvency capital