

Underwriting

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Priorities in underwriting build sustainable competitive advantage

Challenging market outlook

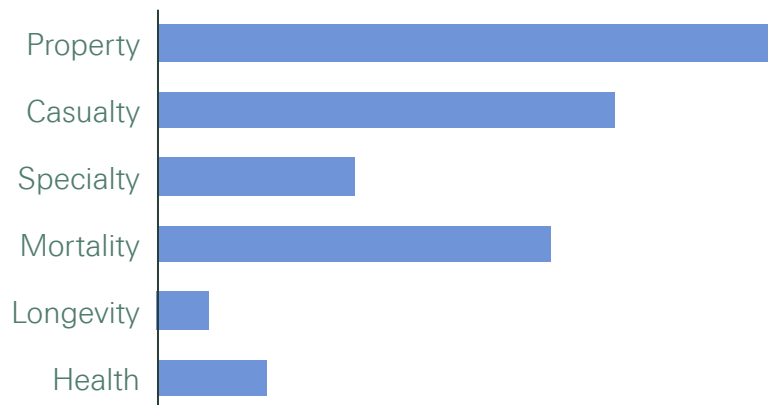
- Low margins
- Low growth, low interest rates
- Impact of technology
- New and enlarging risks
- Regulatory changes

Underwriting priorities

- Capital allocation in underwriting
- Retro and hedging
- Risk selection
- Large & tailored transactions
- Digital analytics

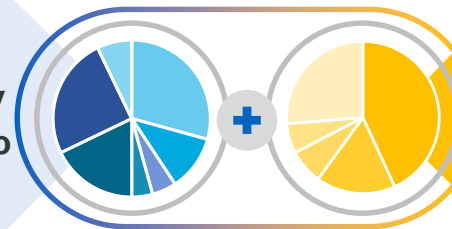
Continued strong contribution to Swiss Re's financial results through an integrated capital allocation approach

Liability risk pools



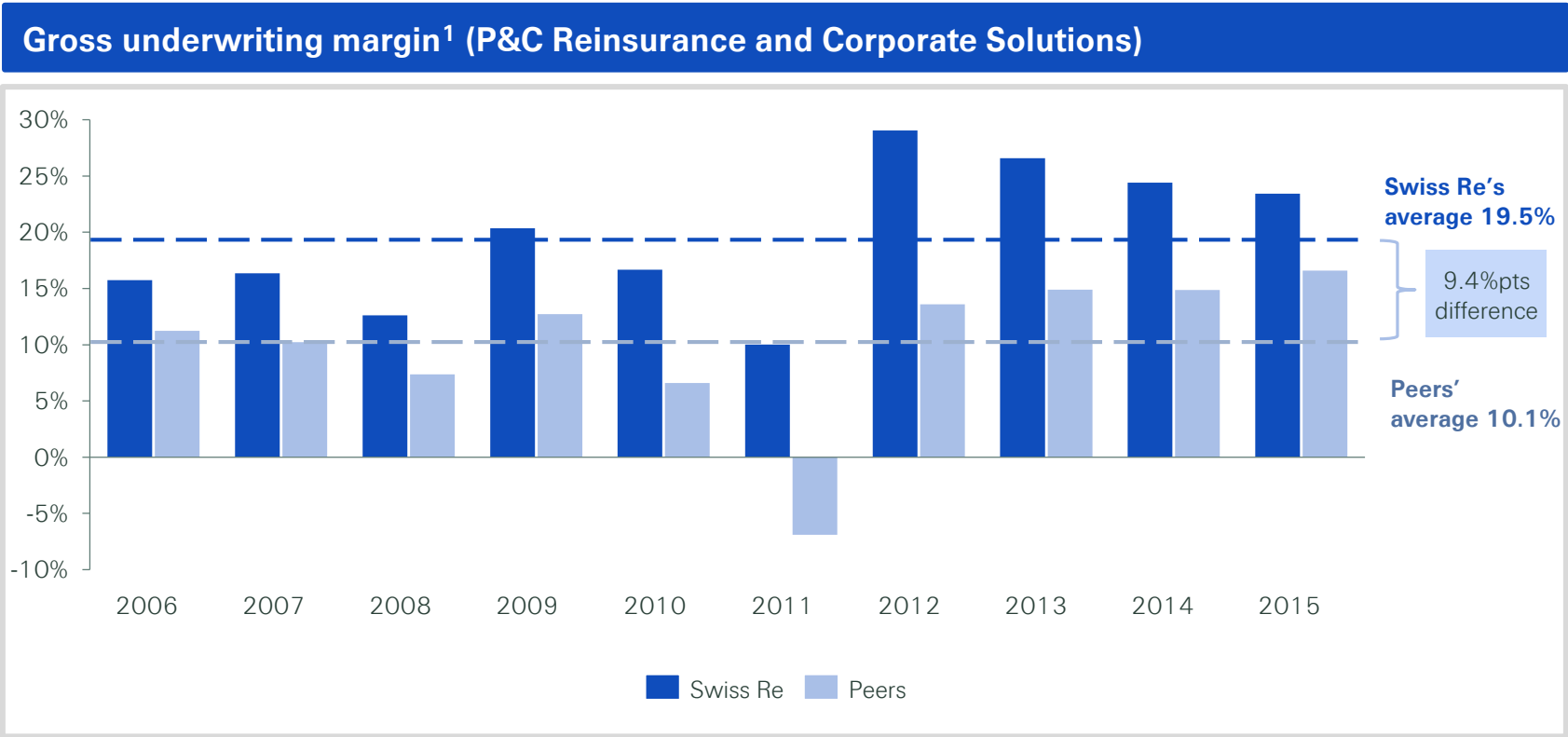
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Target Liability Portfolio (TLP)



Strategic Asset Allocation (SAA)

Swiss Re has consistently achieved higher underwriting margins than peers



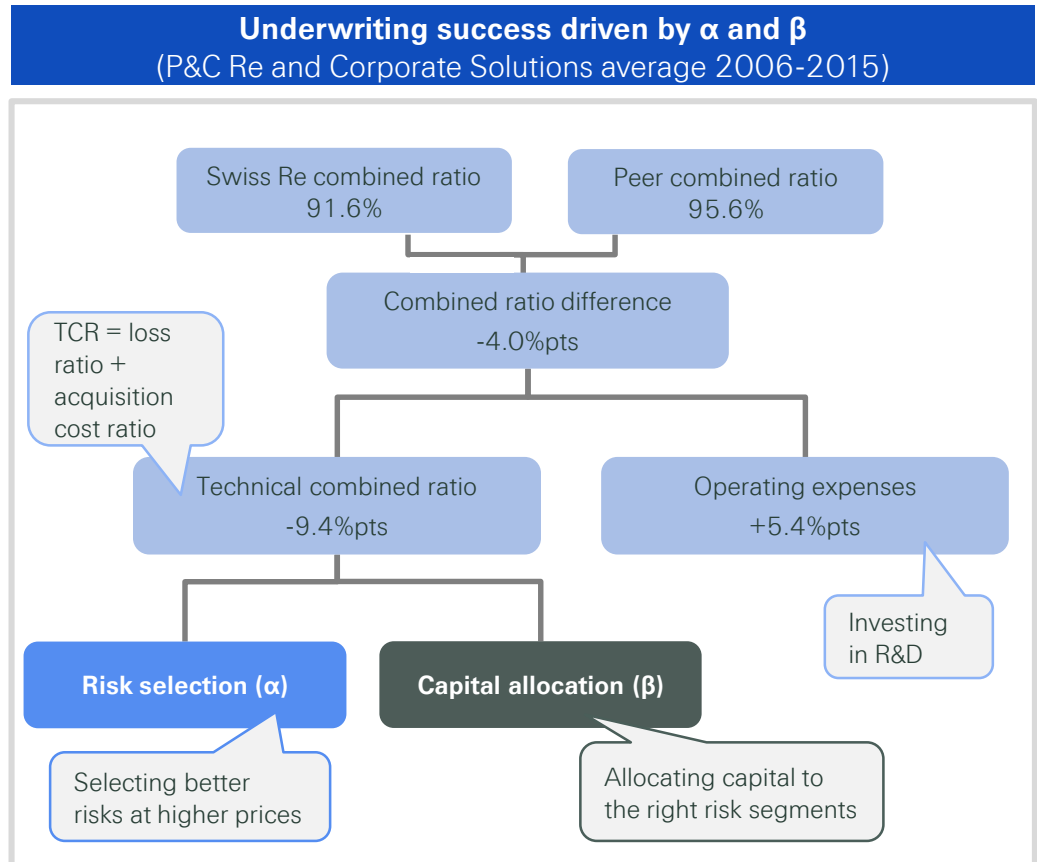
Our track record reflects superior risk selection and capital allocation, as well as differentiated pricing

¹ Gross underwriting margin = 1 - technical combined ratio = 1 - (loss ratio + acquisition cost ratio)
Note: Peers include Alleghany, Everest Re, Hannover Re, Munich Re, Partner Re and SCOR



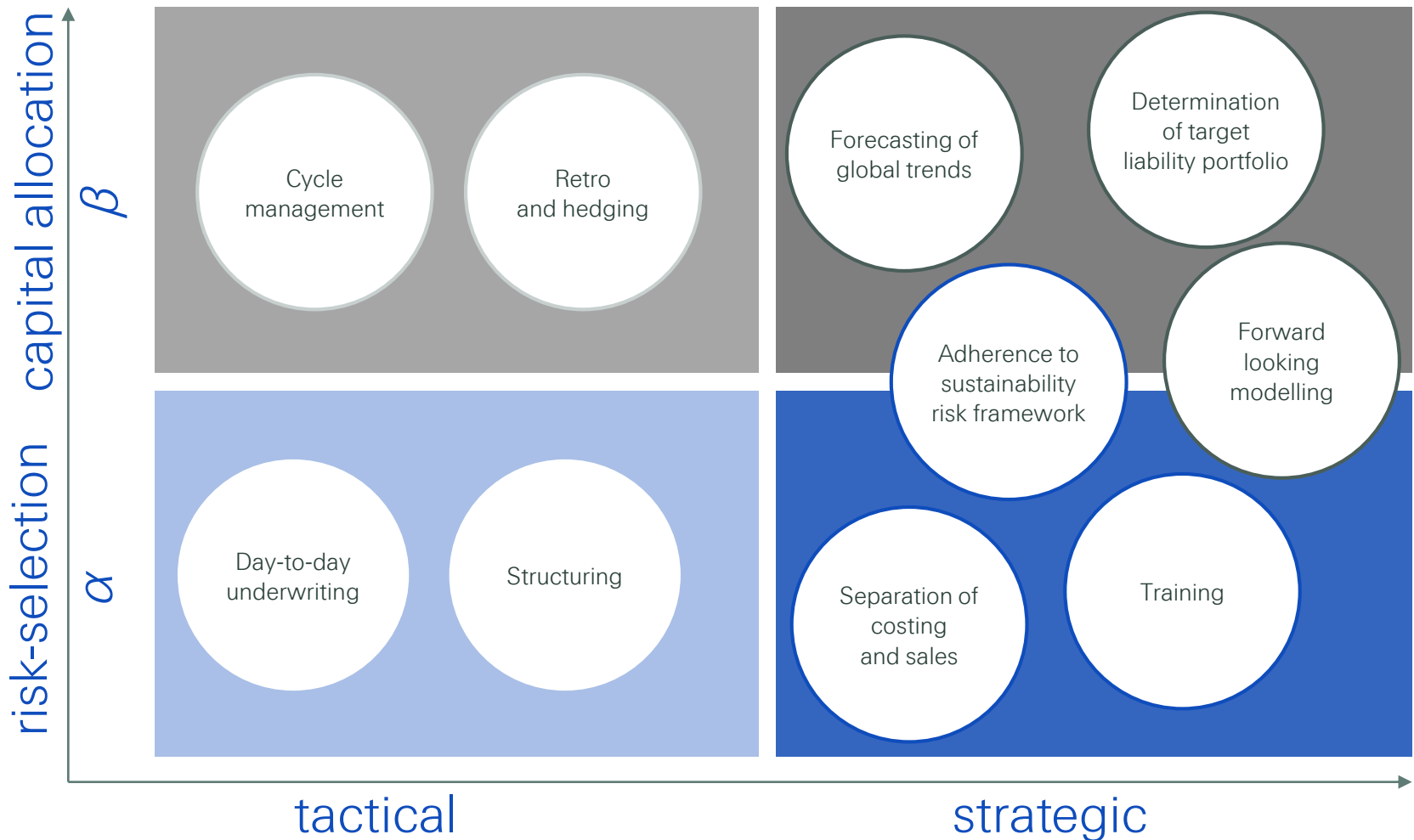
P&C underwriting success results from combination of bottom-up risk selection and top-down capital allocation

- Swiss Re achieves outperformance in underwriting through lower technical combined ratio (TCR) than peers
- Bottom-up risk selection and top-down capital allocation contribute positively towards TCR outperformance



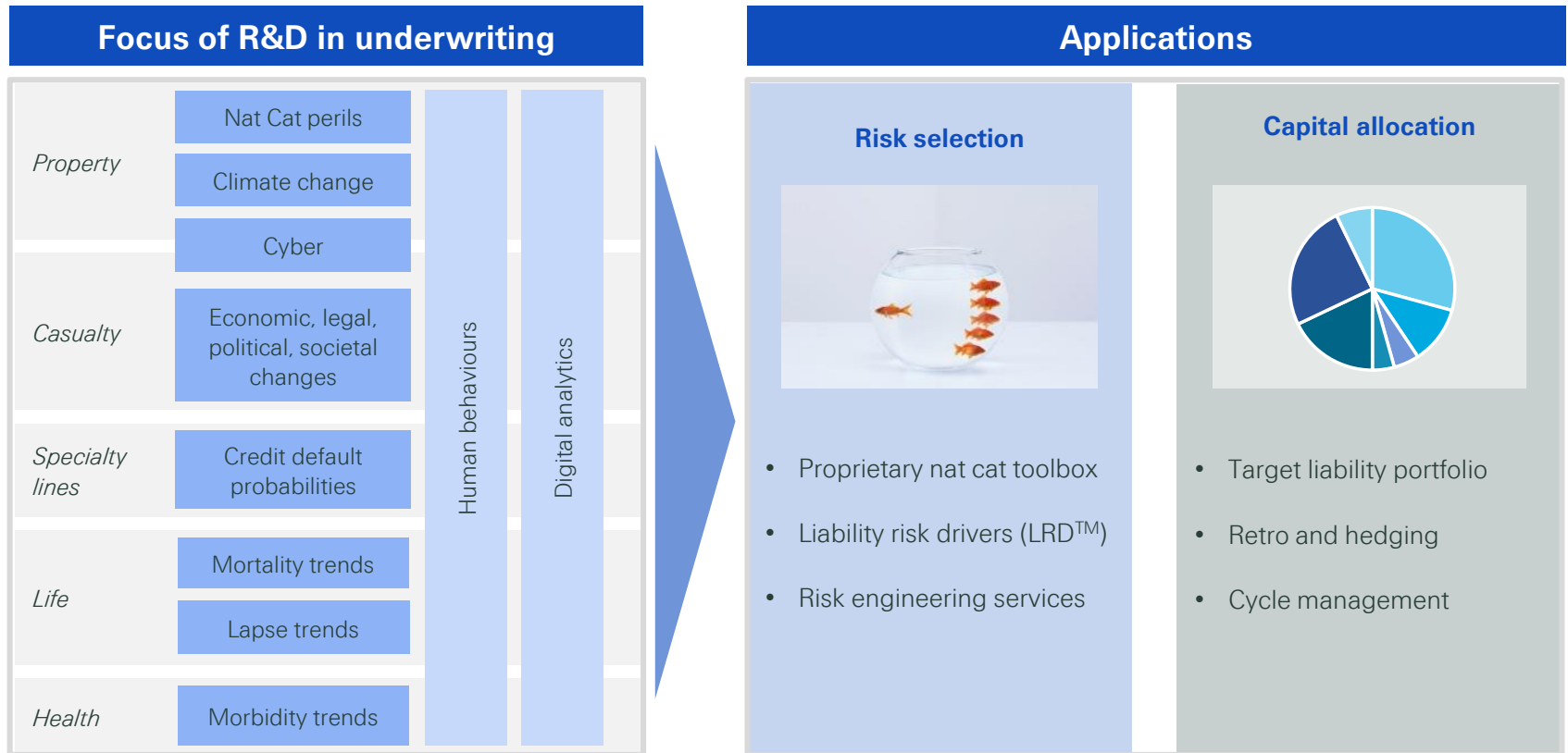


Risk selection and strategic capital allocation are key contributors to Swiss Re's success



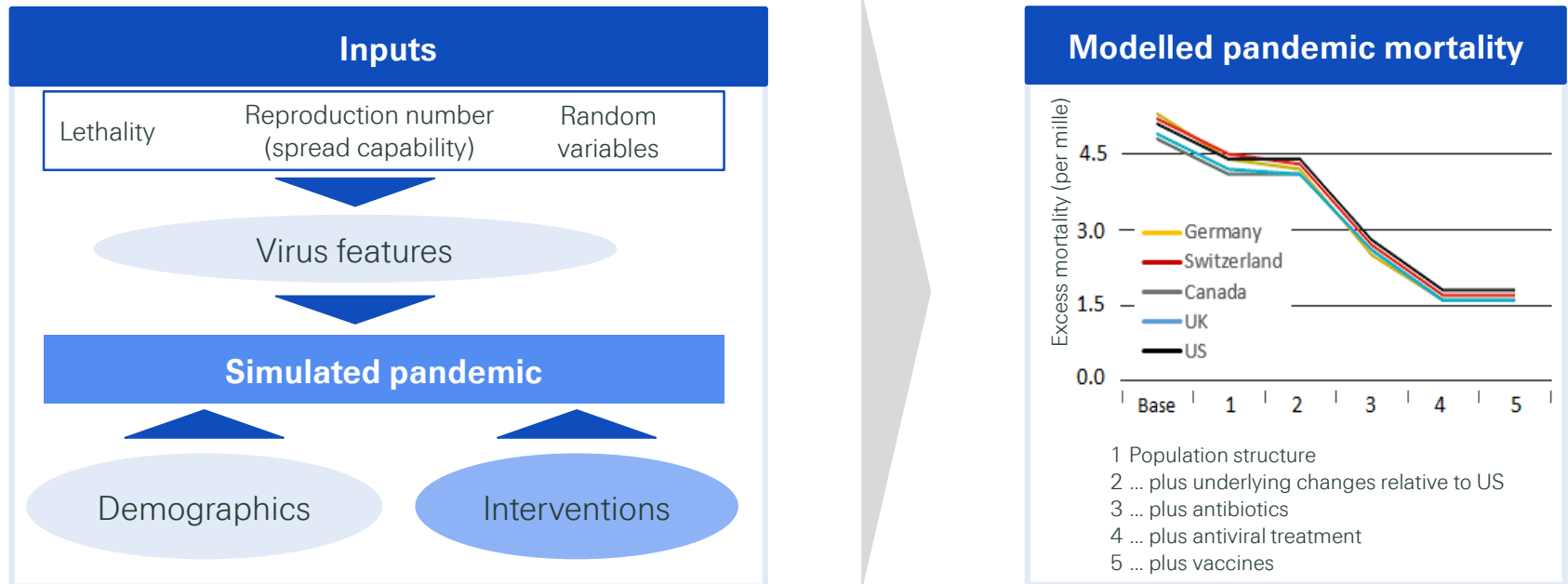


R&D in underwriting enhances risk selection and capital allocation





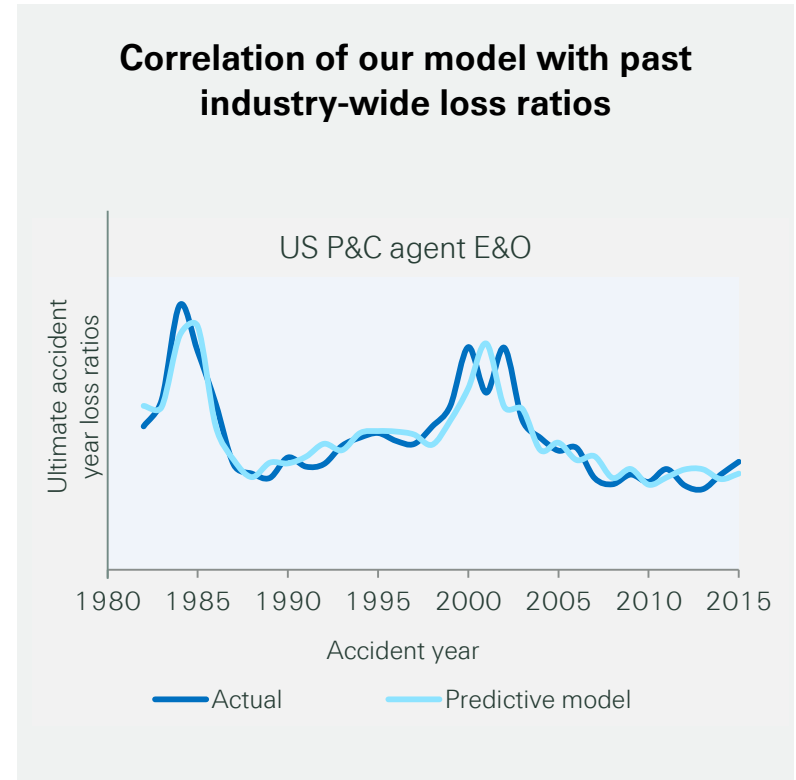
Example – R&D is the basis for our proprietary pandemic loss modelling



Our sophisticated forward-looking model simulates the evolution of potential worldwide pandemics and supports our costing, allowing to effectively manage the impact of a pandemic on our balance sheet

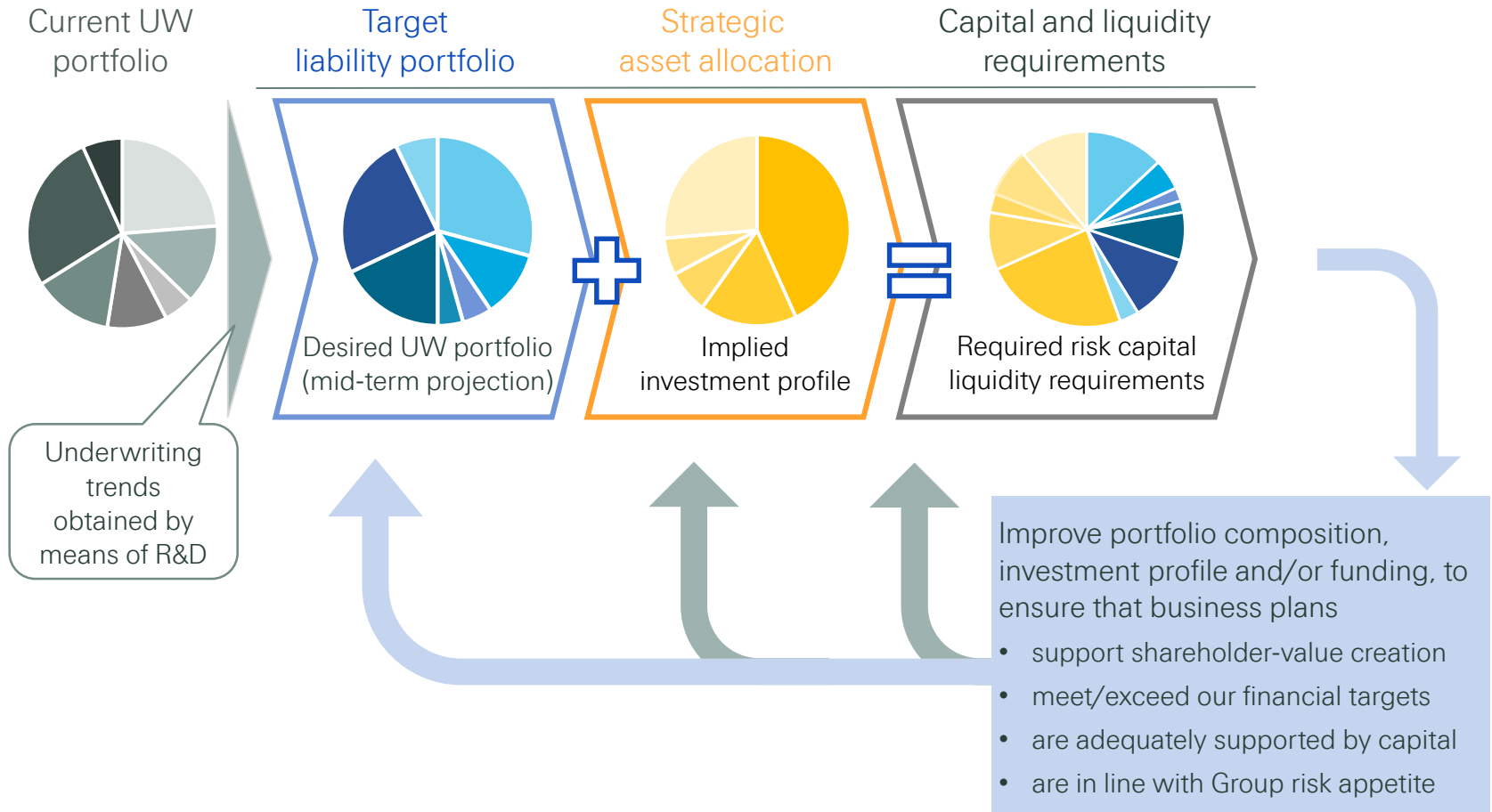


Example – R&D enhances loss projection for US P&C agent E&O



Deep understanding of future loss trends is key for capital allocation and risk selection, and the foundation for profitable growth

Our target liability portfolio process allows to effectively allocate capital in underwriting





To improve the overall portfolio composition we consider risk and return implications for each portfolio segment

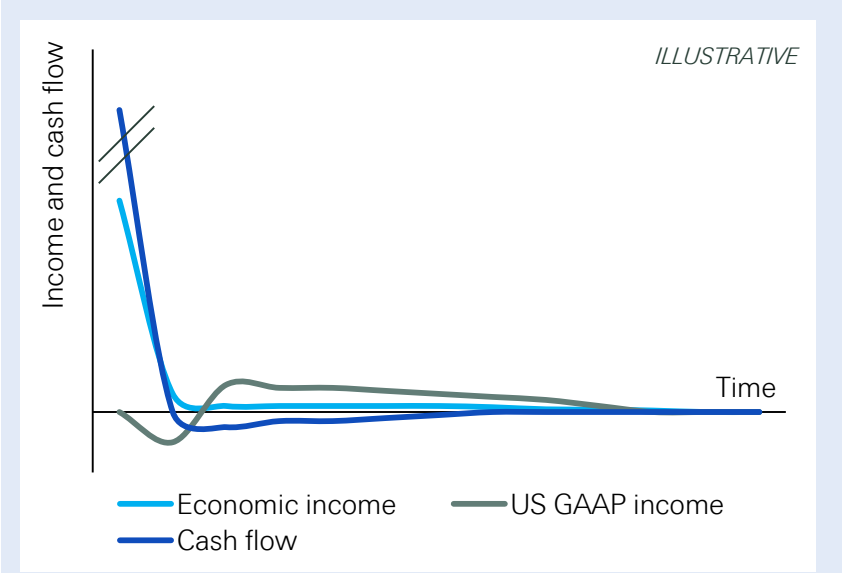
Risk and return metrics by portfolio segment

	Main line of business	Property & specialty	Casualty	Life	Health	L&H closed books
	Economic	less attractive	adequate	attractive	attractive	less attractive
Return metrics	US GAAP in year 1	attractive	less attractive	less attractive	very desirable	adequate
	Cash flow in year 1	adequate	very desirable	less attractive	adequate	very desirable
Risk metrics	Shock risk	less attractive	adequate	less attractive	attractive	attractive
	Trend risk	attractive	less attractive	less attractive	adequate	adequate

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■ very desirable
 ■ attractive
 ■ adequate
 ■ less attractive
 ■ unattractive

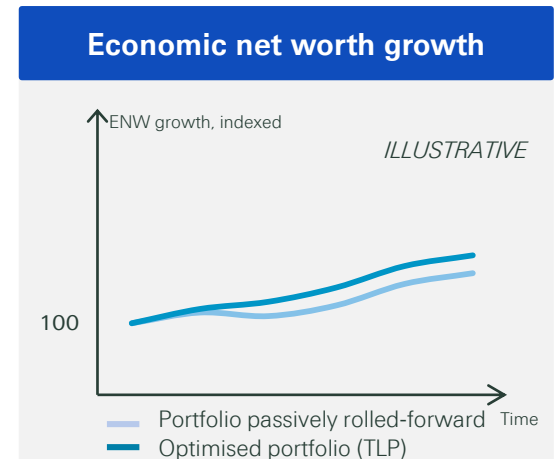
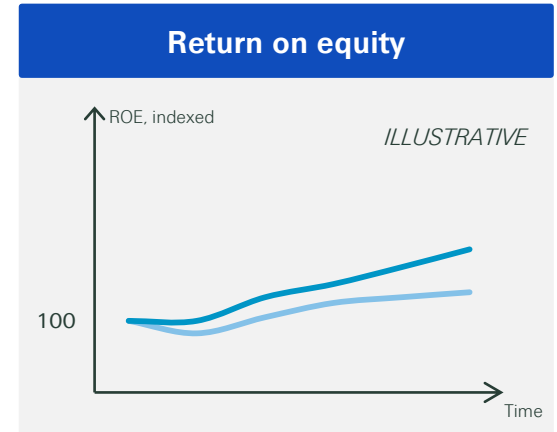
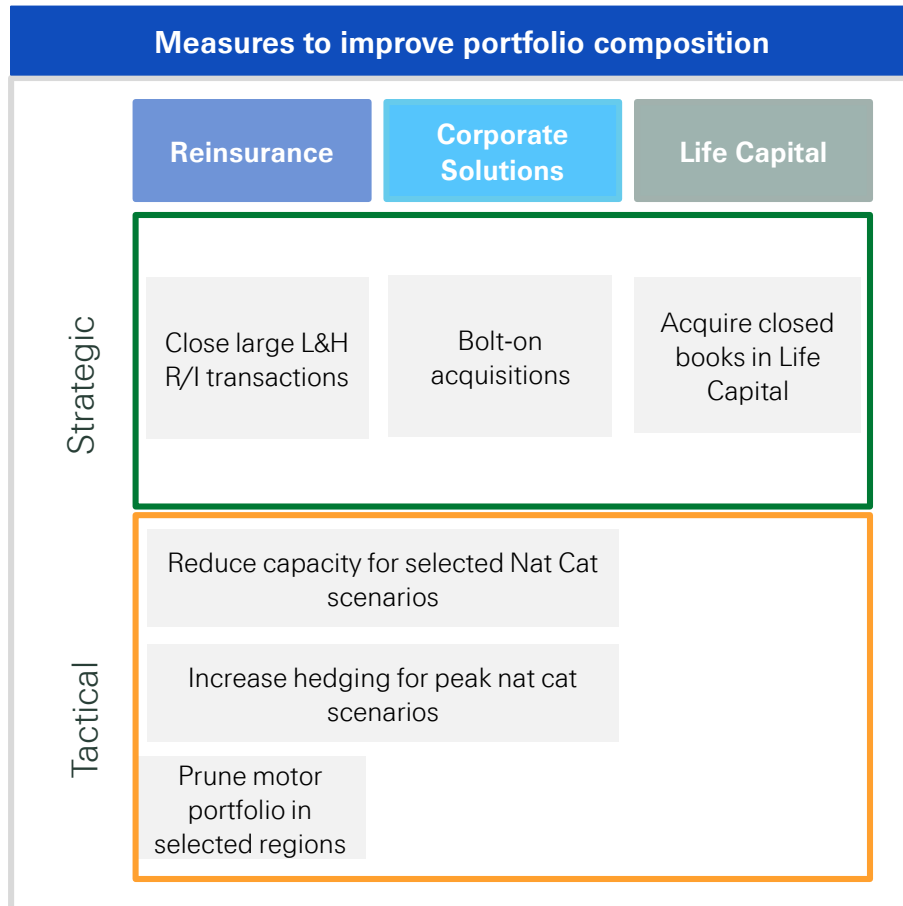
Example: income and cash flow patterns of a casualty transaction



- In EVM, the profit is realised at inception and costs of capital are released over time
- In US GAAP, investment income develops gradually over time

Understanding how portfolio segments contribute to overall risk and return metrics allows to determine a target liability portfolio that optimises financial returns while observing risk appetite and constraints

Examples of measures that improve portfolio composition and performance relative to a passive renewal strategy



Our target liability portfolio allows executive management to allocate capital and resources to underwriting segments that contribute most towards achieving Swiss Re's strategic priorities and financial targets

Investment in R&D is the basis for continued underwriting outperformance

Key priorities in underwriting

R&D investments in underwriting are key to continue outperforming our peers

Day to day underwriting capabilities are the foundation of successful risk selection

Strategic capital allocation is a key contributor to success

Industry-leading practices and tools

Dedicated resources to R&D

Liability risk drivers (LRD™), proprietary nat cat toolbox, risk engineering services

Target liability portfolio, retro & hedging



Corporate calendar & contacts

Corporate calendar

2017

23 February

Annual Results 2016

Conference call

16 March

Publication of Annual Report 2016

21 April

153rd Annual General Meeting

Zurich

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Forward-looking statements typically are identified by words or phrases such as “anticipate”, “assume”, “believe”, “continue”, “estimate”, “expect”, “foresee”, “intend”, “may increase” and “may fluctuate” and similar expressions or by future or conditional verbs such as “will”, “should”, “would” and “could”. These forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause Swiss Re’s actual results of operations, financial condition, solvency ratios, capital or liquidity positions, or prospects to be materially different from any future results of operations, financial condition, solvency ratios, capital or liquidity positions, or prospects expressed or implied by such statements or cause Swiss Re to not achieve its published targets. Such factors include, among others:

- further instability affecting the global financial system and developments related thereto;
- further deterioration in global economic conditions;
- Swiss Re’s ability to maintain sufficient liquidity and access to capital markets, including sufficient liquidity to cover potential recapture of reinsurance agreements, early calls of debt or debt-like arrangements and collateral calls due to actual or perceived deterioration of Swiss Re’s financial strength or otherwise;
- the effect of market conditions, including the global equity and credit markets, and the level and volatility of equity prices, interest rates, credit spreads, currency values and other market indices, on Swiss Re’s investment assets;
- changes in Swiss Re’s investment result as a result of changes in its investment policy or the changed composition of its investment assets, and the impact of the timing of any such changes relative to changes in market conditions;
- uncertainties in valuing credit default swaps and other credit-related instruments;
- possible inability to realise amounts on sales of securities on Swiss Re’s balance sheet equivalent to their mark-to-market values recorded for accounting purposes;
- the outcome of tax audits, the ability to realise tax loss carryforwards and the ability to realise deferred tax assets (including by reason of the mix of earnings in a jurisdiction or deemed change of control), which could negatively impact future earnings;
- the possibility that Swiss Re’s hedging arrangements may not be effective;
- the lowering or loss of one of the financial strength or other ratings of one or more Swiss Re companies, and developments adversely affecting Swiss Re’s ability to achieve improved ratings;
- the cyclical nature of the reinsurance industry;
- uncertainties in estimating reserves;
- uncertainties in estimating future claims for purposes of financial reporting, particularly with respect to large natural catastrophes, as significant uncertainties may be involved in estimating losses from such events and preliminary estimates may be subject to change as new information becomes available;
- the frequency, severity and development of insured claim events;
- acts of terrorism and acts of war;
- mortality, morbidity and longevity experience;
- policy renewal and lapse rates;
- extraordinary events affecting Swiss Re’s clients and other counterparties, such as bankruptcies, liquidations and other credit-related events;
- current, pending and future legislation and regulation affecting Swiss Re or its ceding companies, and the interpretation of legislation or regulations by regulators;
- legal actions or regulatory investigations or actions, including those in respect of industry requirements or business conduct rules of general applicability;
- changes in accounting standards;
- significant investments, acquisitions or dispositions, and any delays, unexpected costs or other issues experienced in connection with any such transactions;
- changing levels of competition; and
- operational factors, including the efficacy of risk management and other internal procedures in managing the foregoing risks.

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