

Translation Service





Program & list of attendees are available online









SCOR's sustainability strategy Is shaped by our raison d'être with the goal of...



Contributing to people's health and wellness

- Develop accessible solutions, products and partnerships that will encourage our policyholders to live healthier lives while providing more protection and services
- Improve the current understanding of climate change's potential impact on human health



Contributing to the well-being of the planet

- Contribute to achieve Net-Zero emission by halting support for new oil field production products by 2050 and by setting new decarbonization targets on investments by 2029
- In Specialty Insurance no coverage for new oil field production projects from 2023 and the ambition to multiplying insurance and facultative reinsurance coverage for low carbon energy by 3.5 by 2030. Support clients in their own commitments to follow credible transition pathways

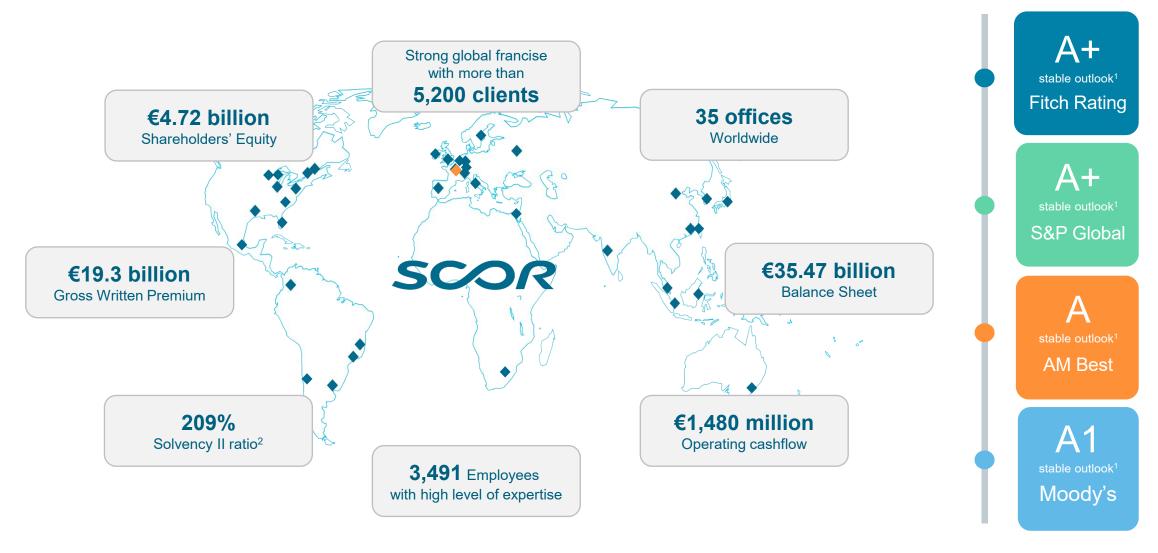


Closing the protection gap

- Understand ever-evolving client needs brought on by an expanding risk universe and leverage our expertise to adapt solutions to respond to changing trends
- Harness the power of data and embrace digitalization to reach new and underserved populations



SCOR is a leading global independent reinsurer with solid financial strength







SCOR Digital Solution's Global Consumer Study increases client's understanding of the end consumer

Giving a voice to consumer priorities since 2013

The largest global survey of young insurance consumers

- 12,563 Millennial and Gen Z consumers
- 22 markets
- 10th edition covering the consumer journey, L&H and P&C



	P&C Hot trends	L&H Hot trends
Consumers value 'good online reviews'	of young drivers want safety coaching based on telematic analytics.	70% of Gen Z and Millennials regularly use, or are interested in using, health apps
Growth opportunities for insurers	of Gen Z are happy to add cover to their bookings when using ride sharing apps.	47% of Millennials and Gen Zs report feeling often or always stressed
Empowering consumers by improving insurance	63% of young consumers are open to the concept of small amount, stackable insurance.	73% of consumers are open to receiving personalised risks assessments from their insurers on critical illnesses
literacy.		



Optimizing our clients' capital and managing volatility



through tailor-made financial solutions, focusing strictly on biometric risks

Financial Solutions is one of many options for Capital Management (including corporate finance tools) and it offers more flexibility in sizing, ease of execution, and avoids impacting shareholders or ratings

Managing the volatility of solvency ratio

For high sensitivity to solvency ratio

 Contingent VIF reinsurance financing

Providing capital and cash

 Coinsurance cash commission financing

For long term business

Powerful capital management tool

Reducing solvency capital requirement and improving risk diversification

Loss portfolio transfer

Mass lapse stop loss

For capital Intensive blocks

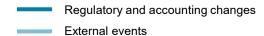
Increasing available capital to optimise redundancies and conservatism

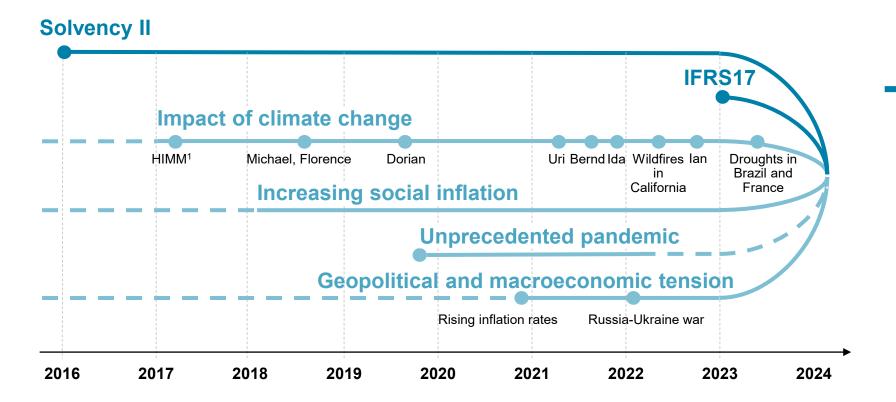
Non cash VIF reinsurance financing

For long term business



Fundamental changes and uncertainty fuel Reinsurance demand





New opportunities: Forward 2026

Recognized diversification benefits under Solvency II and Economic Value with IFRS 17

Favorable market conditions with growing demand for both L&H and P&C reinsurance, as well as increasing reinvestment rates



Further deploy digital services to differentiate offering

10+ proprietary digital services covering the entire value chain

Differentiated offering: services codeveloped with clients and creating shared-value





Selected examples



Velogica Automated policy issuance process

- Approx. 90% of underwriting evaluations within 1 minute
- Deployed in the US, Europe and Asia

Claims management

VClaims Digital portal automating the claims assessment process

- 50% reduction in processing time
- Deployed in France, Australia and New Zealand

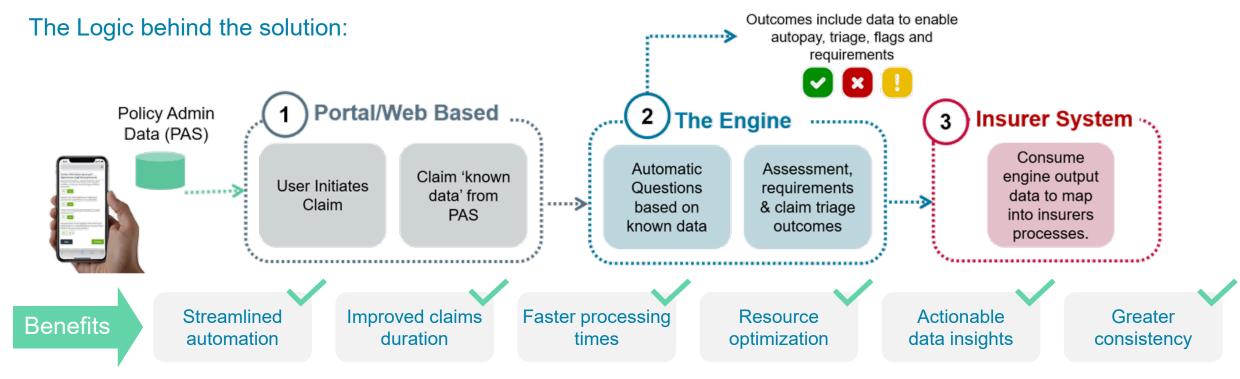
Data analytics

- DASP Digital platform:
- Providing clients with distinctive experience analyses and benchmarking tools
- Leveraging AI to enhance SCOR's predictive models





Using VClaims to optimize the claims experience Reduce end consumer complexity and save insurers' costs and time while deepening their knowledge through enhanced data



VClaims decisioning* can reduce end to end processing times by up to a month

11 days for Death Claims (90% Autopay) 2 weeks for DI Claims (50% Autopay) 1 month for TPD Claims (10% Autopay)



SCOR Sweden Re Service & Toolkit

Actuarial Support

Sharing the workload to save our clients time and resources

- Actuarial analyses
 - Standardized and recurring
 - Ad hoc
- Reinsurance administration
- Pricing
- Reserving
- R-programming courses



Risk Transfer, Solvency & Balance Sheet Improvement

Bespoke financial solutions, in addition to traditional reinsurance protection

- Traditional reinsurance
- Loss portfolio transfer
- Mass Lapse cover
- Value-in-Force financing
- Outsourcing- & run off solutions



Education / Inspiration

We regularly share with our clients the knowledge of our multidisciplinary expert teams

- Medical Seminars
- Conference
- Workshops
- Trainings
- SCOR Campus
- Medical reports and research





SCOR Sweden Re Service & Toolkit

Medical Underwriting

We do everything from second opinion to full medical underwriting

- All products
- Medical Manuals & Tools













Market Analysis / Data Insights

Building and sharing market knowledge to the benefit of our clients

- Benchmark survey
- Solvency II QRT Overview
- Global Consumer Study
- Underwriting guidelines advising
- Data analyses & Data pooling



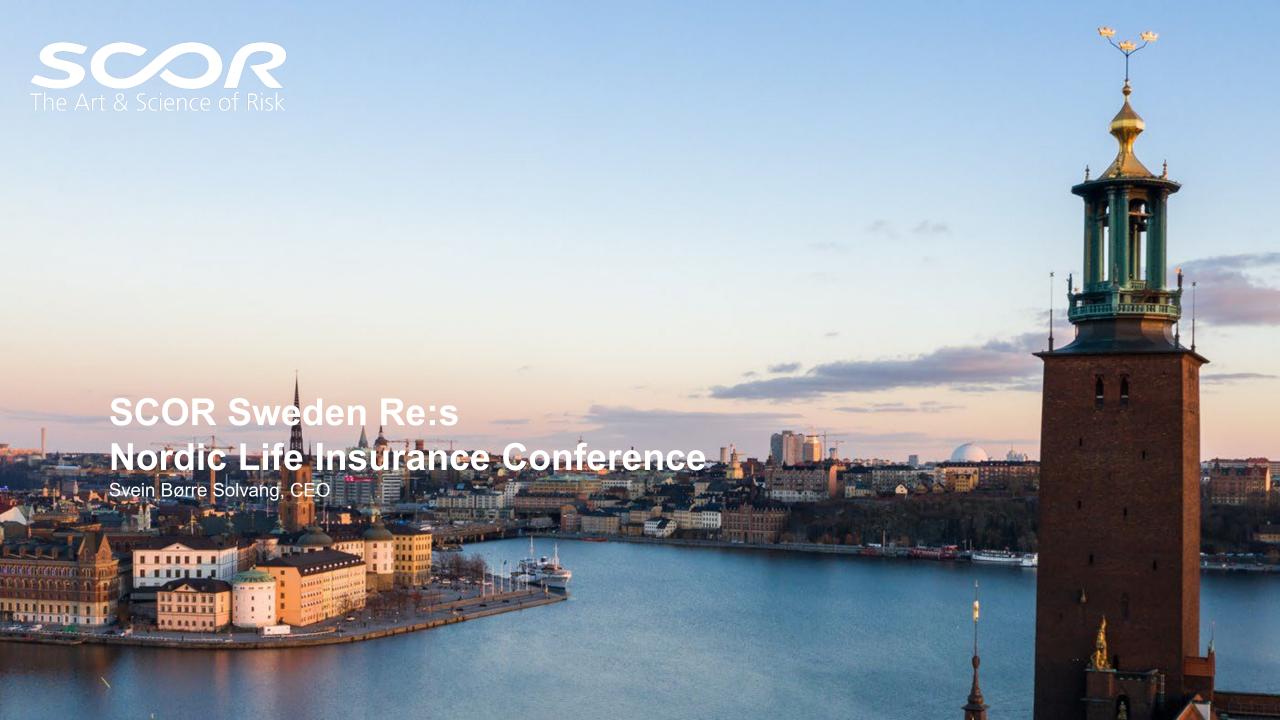
Product Development

Developing new as well as improve existing products

- Tariffs
- Terms and conditions wording
- Underwriting guidelines
- Medical UW guidance













SCOR's GenAl-powered client solution for medical underwriting & claims

Jeremy Speed, Head of Business Development Europe & LATAM, SCOR Digital Solutions

Stockholm – October 11th 2024



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Agenda

The Consumers' Voice

Generative AI: Shaping the next generation of Underwriting

3 Introducing



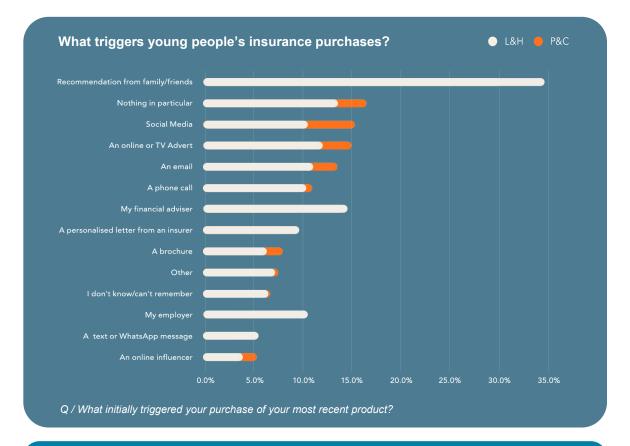
Purchase Factors Sweden

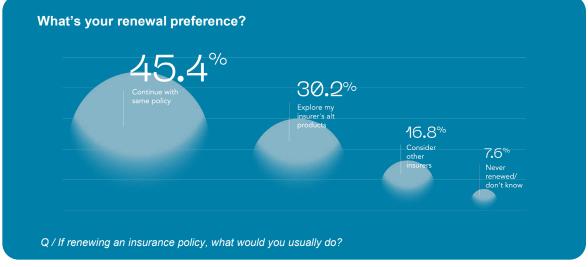
#1 consideration during the purchase process is "good online reviews"



(In Sweden, the #1 consideration is "price")

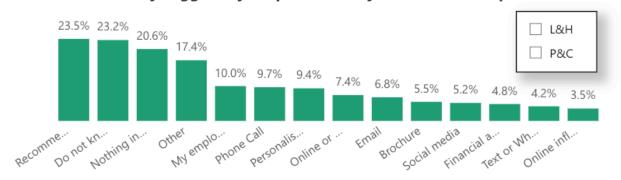
- For the first time this year, "Good Online Reviews" are more important than price for young people considering their next insurance purchase, with a quarter choosing this as their priority (26.2%).
- However, price is still a crucial factor, with over 50% of respondents willing to forsake brand reputation if the new online competition were cheaper or more convenient.





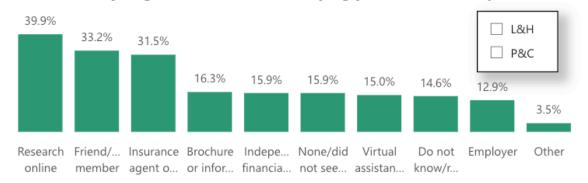
Purchase Factors Sweden

What initially triggered your purchase of your most recent product?



Number 1 Trigger – Recommendations from friends and family

Where did you go for advice before buying your most recent product?



Main Source of Advice – Online Research



Agenda

The Consumers' Voice

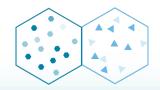
- Generative AI: Shaping the next generation of Underwriting
- Introducing SCOR's Gen Al Powered Underwriting Assistant



Today Gen AI is mainly a data source, tomorrow it will enable a light-touch process, leveraging the fullest potential of risk knowledge.

Generations of Underwriting Enabled by Technology Trends









Generation 1

Generation 2

Generation 3

Generation 4

Underwriting Rules Engines

Underwriting primarily relies on **Underwriting Rules** Engines (URE).

Predictive Models

The industry introduced predictive models, enhancing risk assessment

Al Augmented UW

Al Case summaries are another data source. Gen Al can extract information and augments the underwriting process.

Al Augmented UW Decisions

More sophisticated decision-making processes. Here AI is trained and linked to insurance models and evidence based-decision. Decisions are augmented in the process as a second pair of eyes.

Explainability & Transparency

in the prompts and engineering of GenAl solutions are critical. It is essential to recognize that Gen Al should never be used to predict outcomes.



Leading by Knowledge, Enabled by Tech and Data

The Next Generation of Underwriting Enabled by Gen AI, driven by the application of risk knowledge.





Path to Next Generation Underwriting with Gen Al

We have a tested approach for the development of Gen AI to aid underwriting decisions.

Leverage our Knowledge

to list all the information that Gen Al needs to extract and how it should interpret this information

Provide Important Context

to the Gen AI model including condition classification aligned with SOLEM and auto-declines

Finetune the Prompts

based on the type of evidence underwriters typically receive across markets

Extensively Testing Accuracy

of Gen AI on our back book to build confidence in the solution





Agenda

The Consumers' Voice

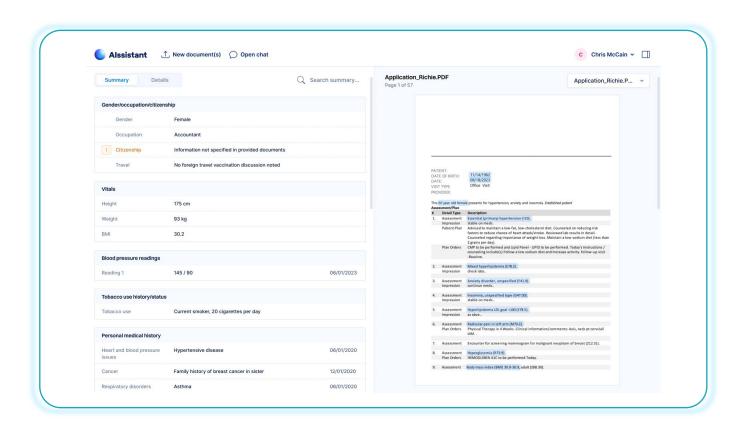
- Generative AI: Shaping the next generation of Underwriting
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Introducing

SCOR's Gen Al Powered Underwriting Assistant

Extracts and summarizes scanned and electronic medical reports, in a risk-controlled way.





Gen Al Powered Underwriting Assistant Supporting a more efficient underwriting experience. Better utilizing scarce experienced underwriting talent.



Provides underwriters access to more meaningful information, faster.

Streamlining "case handling"



Reduces unproductive time spent by underwriters retrieving information from lengthy health records.

Speeding up decisioning



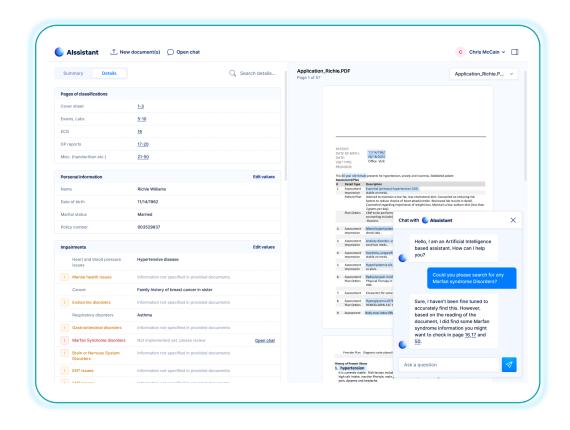
Frees up underwriters to focus on critical document components.

Increasing decision quality



Gen Al Powered Underwriting Assistant Unleashing the full potential of medical underwriting with explainable and reliable Al-augmented systems

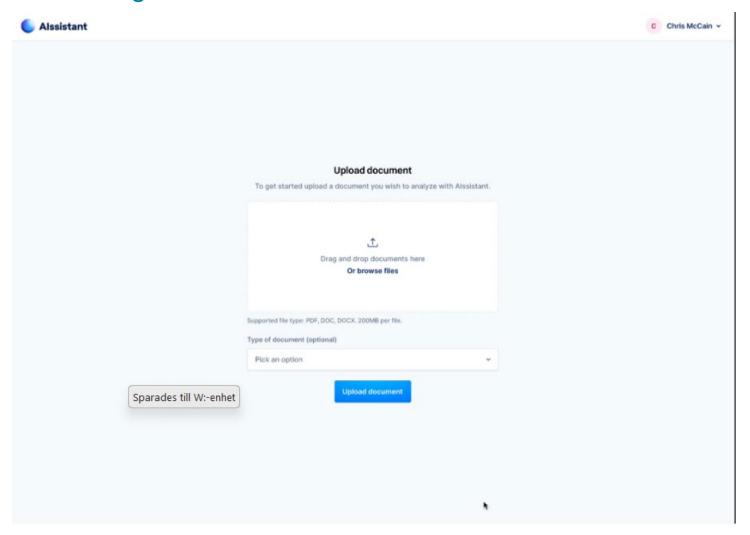
- Our solution utilizes open access Gen Al models (Microsoft, Mistral, etc.) coupled with our internal knowledge
- SOLEM, our underwriting guideline, acts as a key source of information
- RAG (Retrieval Augmented Generation) is applied to limit hallucinations risk





Sample Video

Gen Al Powered Underwriting Assistant





Gen Al Powered Underwriting Assistant Validated and refined by our global team of underwriting experts

- Highly reliable field extraction accuracy, bringing qualitative efficiency
- Multiple use cases piloted by SCOR's inhouse underwriters globally
- Use case evaluated with clients across Asia, US and Europe
- Continued expansion across key impairments and medical conditions









Q&A

Leading by Knowledge, enabled by Tech and Data

















Women's Health;

Underfunded & Unexplored

Is Insurtech the Solution?







Closing the Women's Health *Gap*

"Despite living longer than men, women spend 25% more of their lives in poor health.

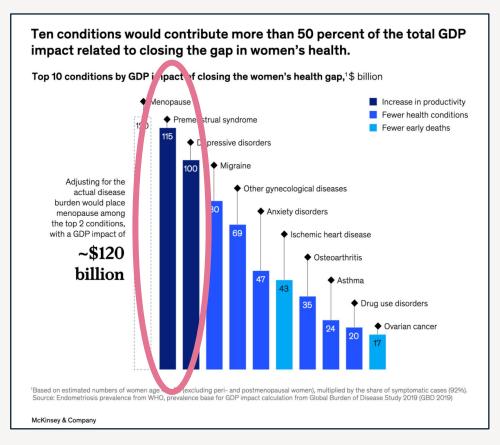
Investments addressing the women's health gap could *add years to life* and life to years

— and potentially *boost the global economy*by \$1 trillion annually by 2040."



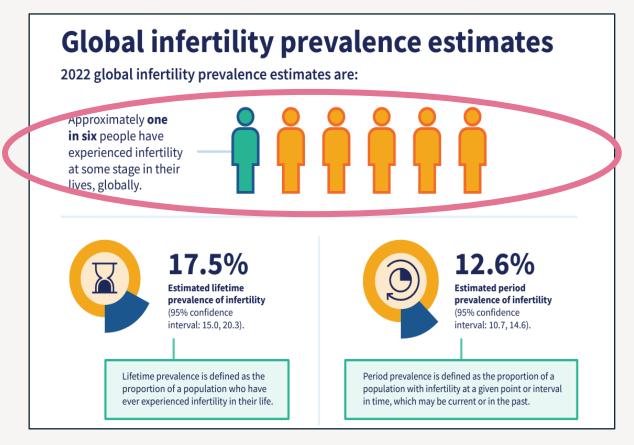
The Largest Health Gaps

TOP 10 CONDITIONS TO ADDRESS



Source: McKinsey & Company

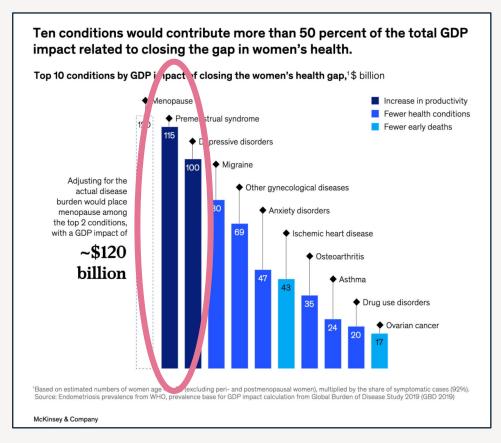
FERTILITY



World Health Organization

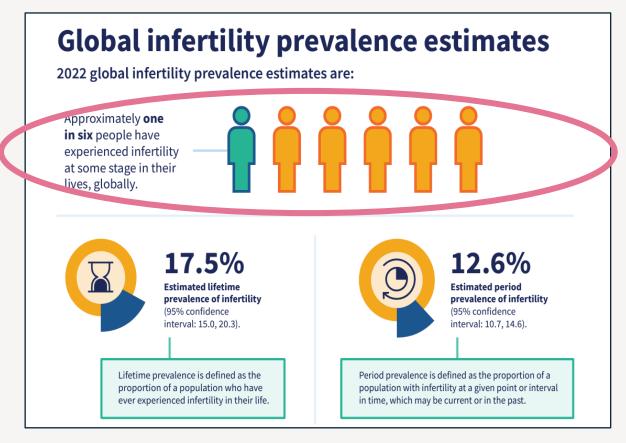
The Largest Health Gaps, Uninsured

TOP 10 CONDITIONS TO ADDRESS

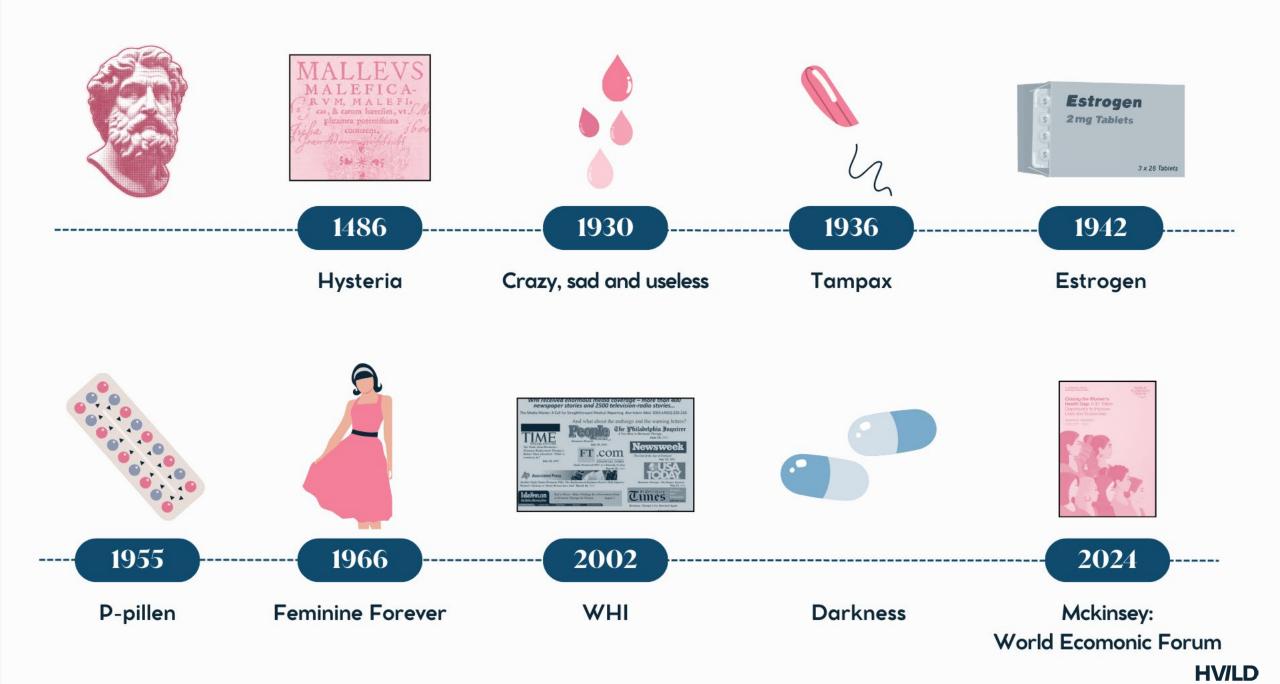


Source: McKinsey & Company

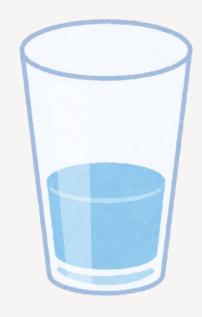
FERTILITY

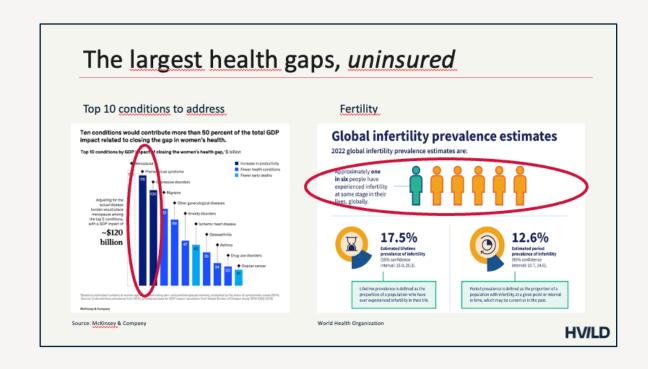


World Health Organization



Women's health.....

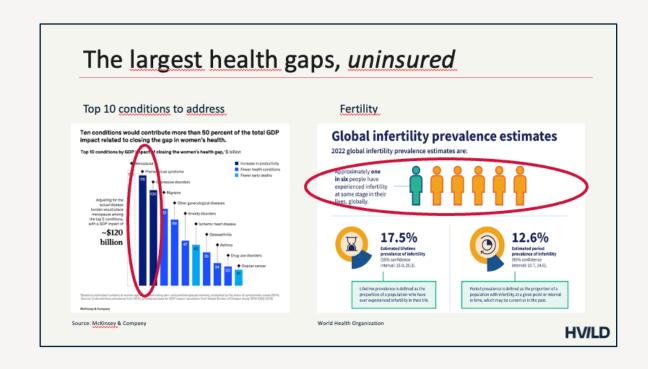






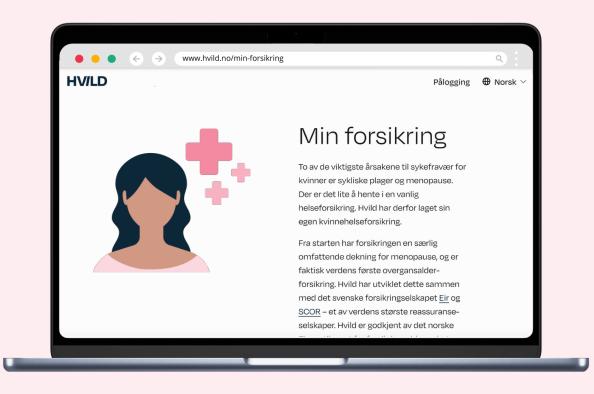
...the biggest market opportunity in our generation?





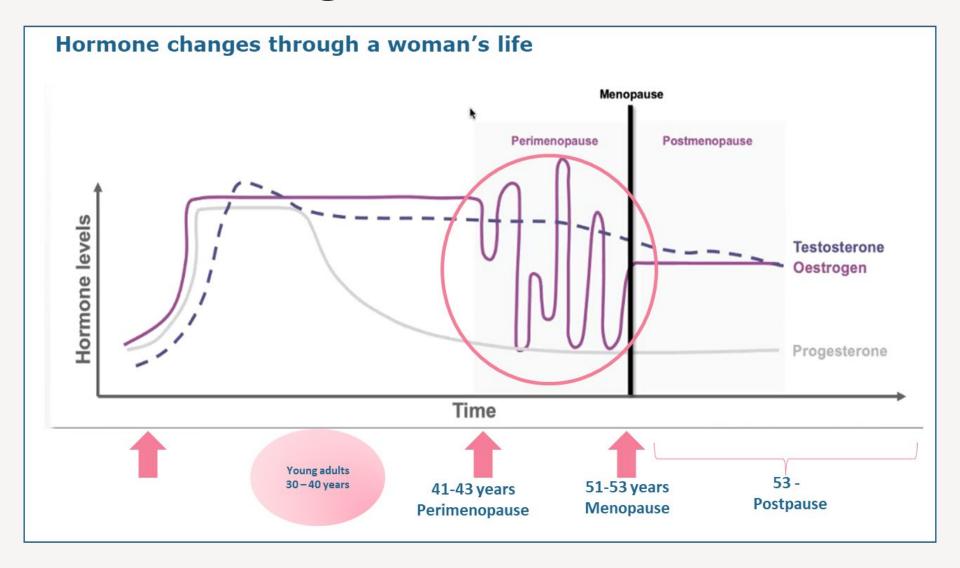


Menopause Comes First



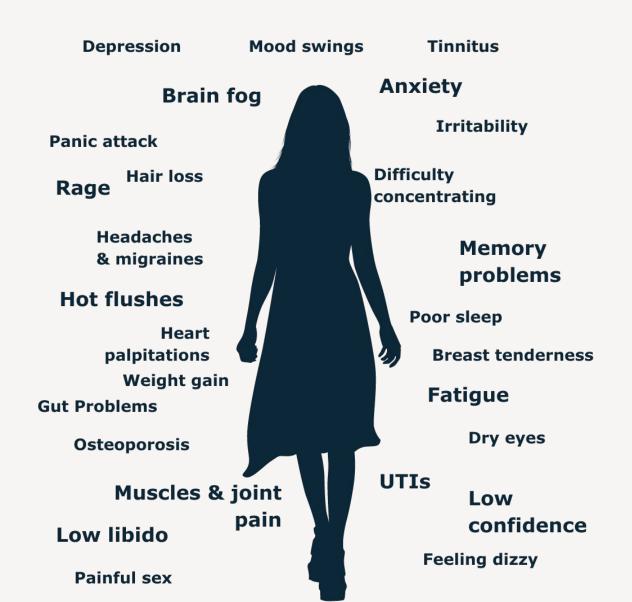


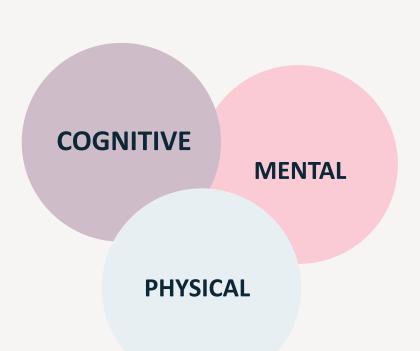
What's Going On? Hormones....





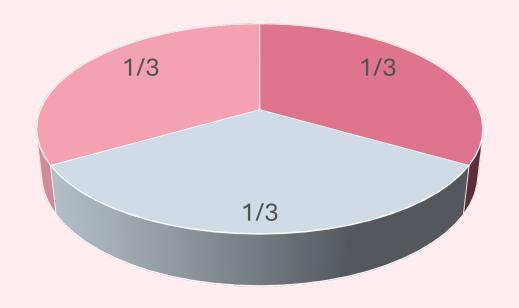
Menopause Reaches ALL, but Symptoms Are Different







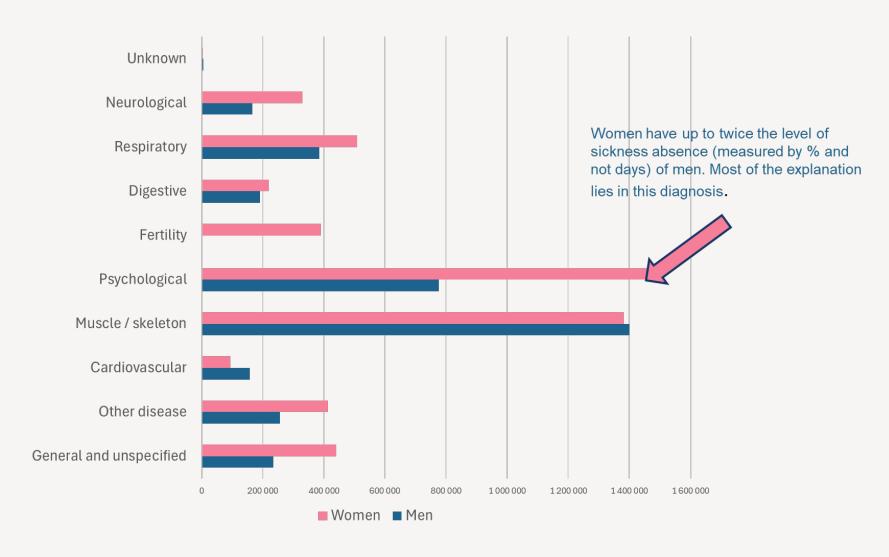
How Many Get Symptoms?



- 1/3 Few or no symptoms
- 1/3 Moderate symptoms
- 1/3 Severe symptoms that impacts on quality of life and capacity to work



Sickness Absence Norway Gender and Diagnosis



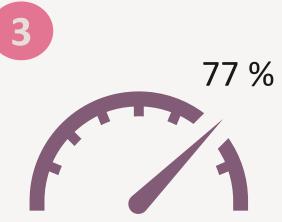


Menopause Consequences at Work

1

- 90 % have been impacted in daily work
- More than 50% have had sick leave due to menopause
- Only 5% gave the real reason





Say they would have continued full time in their position or sought promotion if their symptoms were treated

Sources: Hvild Survey



Menopause Impact

The Cost of Inaction

Harvard Business Review

While some business leaders may scoff at adding yet another set of benefits, especially for a widely misunderstood and maligned healt condition, they must realize that the cost of replacing an employ today is incredibly high in a tight labor market.

\$150

Billion

In 2022, findings released by the UK menopause support app Balance estimated a staggering £10 billion (\$12.15 billion) in menopause-related business losses, generating significant costs for organizations nationwide. And according to research from the Mayo Clinic, American companies face menopause-related losses of \$26 billion annually, including an estimated \$1.8 billion worth of lost working time alone. Bloomberg went further, reporting that worldwide menopause-related productivity losses can top \$150 billion a year.



Menopause in the Workplace Has an Economic Impact

Globally, menopausal symptoms cost an estimated \$150 billion in worker productivity, according to a new AARP survey, and related symptoms cost \$600 billion.

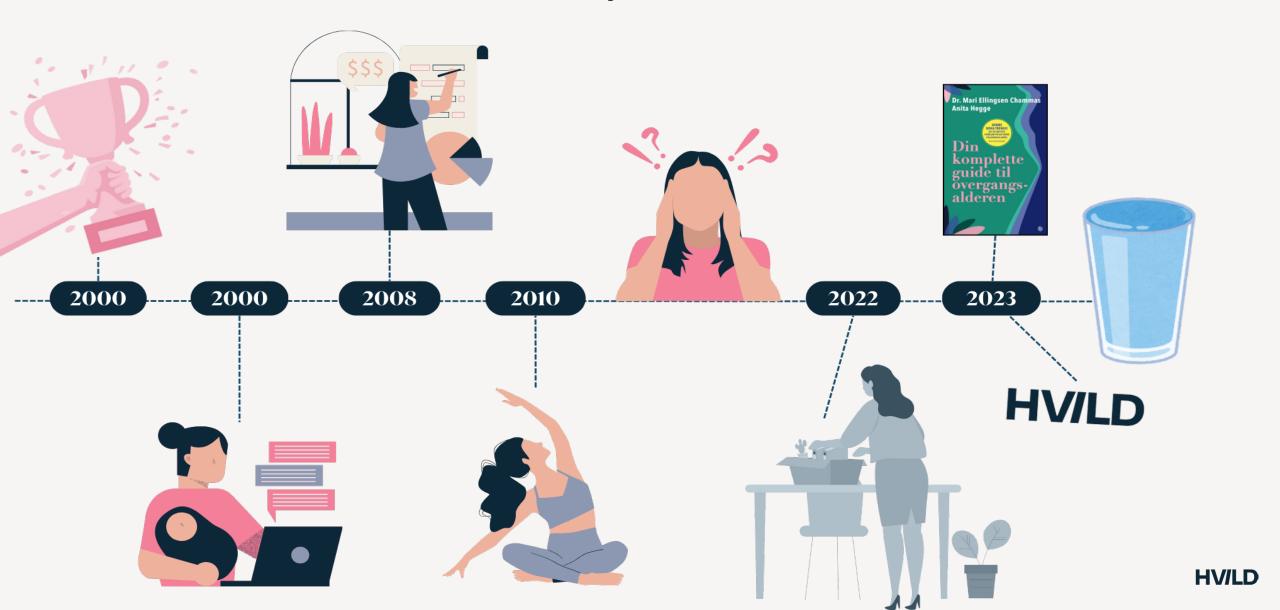
April 25 2024



\$600 Billion



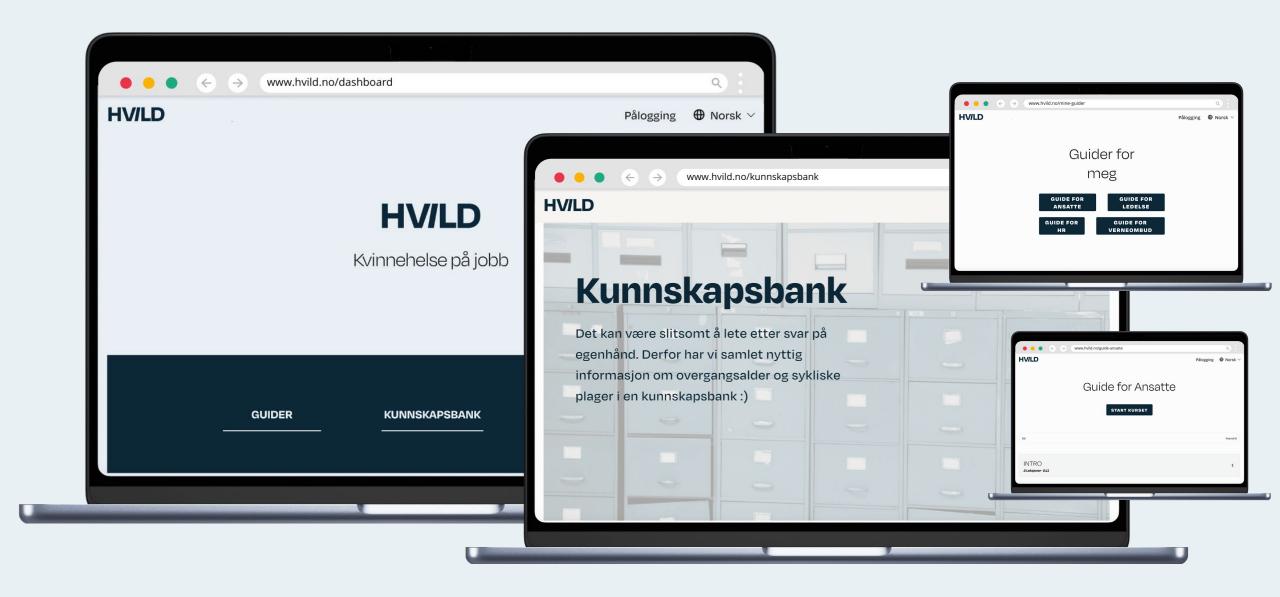
Women's Health & My Career



Where did we start...

Will femtech save the world?







How to make it scalable...

Insurtech



Hvild Women's Health Insurance Solution Covers

An employer-paid group cover, for all female employees, to protect women who suffer symptoms from menopause. **THE COVER IS IN 4 PARTS:**



Member Acess to Hvild Digital Platform

Practical guidelines and digital non-medication solutions

- NO COST TO EMPLOYEE



Digital Consultations with Specialist Gynecologists

Direct booking for menopause evaluation / diagnosis, no prior referral required

- NO COST TO EMPLOYEE



Hormone Replacement Treatment (HRT)

If menopause is established and there is an absence of negative indications, HRT is prescribed

- NO COST TO EMPLOYEE



Medication Delivered at Home

HRT is delivered at home or to a delivery point Further consultations are included to evaluate HRT

- NO COST TO EMPLOYEE

Longevity & women's health

Good news

- Global life expectancy has grown 20 years since the
 1950s
- By 2050, the number of 65 + will more than double
- The average person will live decades beyond current retirement age
- The 50+ group will contribute \$12.6 trillion to the economy by 2030 (US)
- Each extra year of working life may grow global GDP
- And this is before technology and medical advances







Bad news

- The expectancy of healthy lives has not grown at the same pace. Of those extra 20 years, at least 10 are in medium to poor health.
- Women already spend 25% more time in poor health than men
- Untreated symptoms for menopause can lead to long term poor health (cardiovascular, osteoporoses, weight gain)

A part of the solution

Ensure that menopause symptoms do not turn into poor health!







Dr. Mari Ellingsen Chammas Anita Hegge

DENNE
BOKA TRENGS!
ALT DU MÅ VITE,
FORKLART PÅ EN SVÆRT
TILGJENGELIG MÅTE.
Dora Thorhallsdottir

Din komplette guide til overgangs-alderen

hvild.no

Anita Hegge

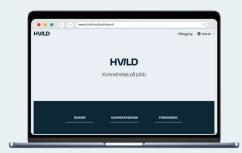


Hvild Women's Health Insured Solution Overview

1 Preventive issues

- · Information, training and coaching
- Tools to integrate menopause and women's health care in wellbeing offers to employees
- Tools to allow managers to efficiently and emphatically speak about and manage menopause, at work
- Tools to qualify women's health representatives and measure compliance with CSRD

Digital Platform



Treatment for women in menopause

- Access to specialized doctors getting the diagnosis right is the first step
- HRT where required and suitable
- Access to specialized doctors to adjust / change HRT as required

Treatment infrastructure







DIRECT AT HOME HRT DELIVERY





Hvild Women's Health Insurance Model



Risk cover model developed with and underwritten by SCOR



Pharmaceutical services is subprovided by Apomed



Eir provides insurance fronting and admin systems



Medical services are sub-provided by Oslo Vitality Clinic



Hvild performs development and distribution, policy issue, claims management, and provides all underlying benefits



Licensed by the Norwegian regulator, with EU cross border authorization

Why me...?



«Raised in finance» and got bankers in the DNB group to sell funds and insurance,

- which everyone said they would never succeed in doing.
- but made the company a market leader with billions in subscriptions in both areas

Got SATS to deliver quality yoga with competent and happy yoga instructors,

- which everyone said was impossible,
- but has resulted in more than one million annual yoga visits (Europe´s largest)

Getting businesses to include women 's health in the workplace in their strategies,

- which many say we cannot achieve
- just watch this space!



















ON CLAIMS RESERVING WITH MACHINE **LEARNING TECHNIQUES**

Vilma Guevara Härkönen

Aktuarie, Folksam

Folksam

AGENDA









INTRODUKTION

01

Försäkringsbolag lägger undan pengar för att kunna betala framtida ersättningar för skador eller krav som kan uppstå senare. Reserv är som en ekonomisk buffert. 02

För att skatta reservens storlek används välbeprövade traditionella statistiska modeller som har varit branschstandard i årtionden. 03

Maskininlärningsmetoder är fortfarande relativt nya och har ännu inte fått bred användning inom branschen för reservsättning.

04

Implementera tre olika maskininlärningsmodeller för att skatta reserven och kassaflöden och jämför dessa med traditionella modeller. 05

Maskininlärning ger mer precisa skattningar av reservens storlek och minskar systematiska skattningsfel jämfört med traditionella modellerna.

RESERVSÄTTNINGSMODELLER

Vad vet vi idag?

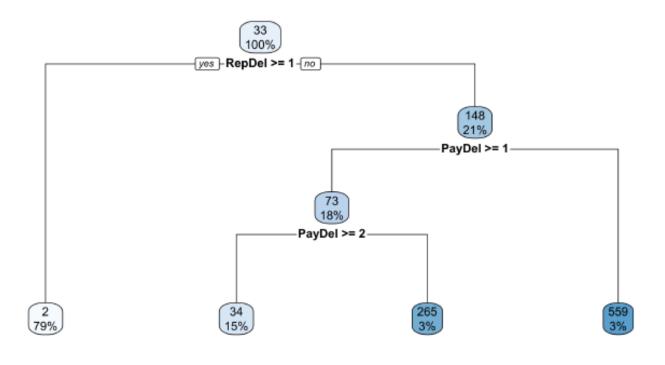
Vad vill vi uppnå?

Hur?

- Antal skador till idag
- Skadekostnad till idag
- Datum då skadan inträffat
- Datum då skadan anmälts till försäkringsbolaget
- Datum för genomförda utbetalningar

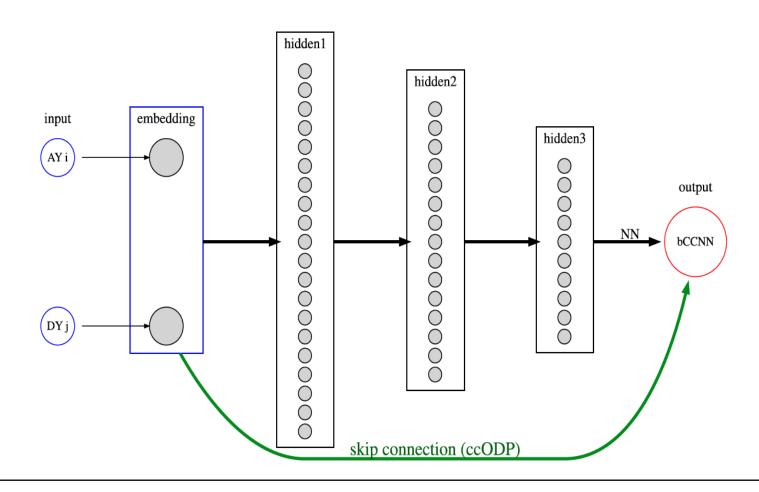
- Kommande utbetalningar på skador som redan har anmälts
- Skadekostnad och antal skador för inträffade men ännu ej anmälda skador till försäkringsbolaget
- Historisk data
- Statistiska modeller som skattar förväntade antal skador och skadekostnader

GRADIENT BOOSTING MACHINES (GBM)

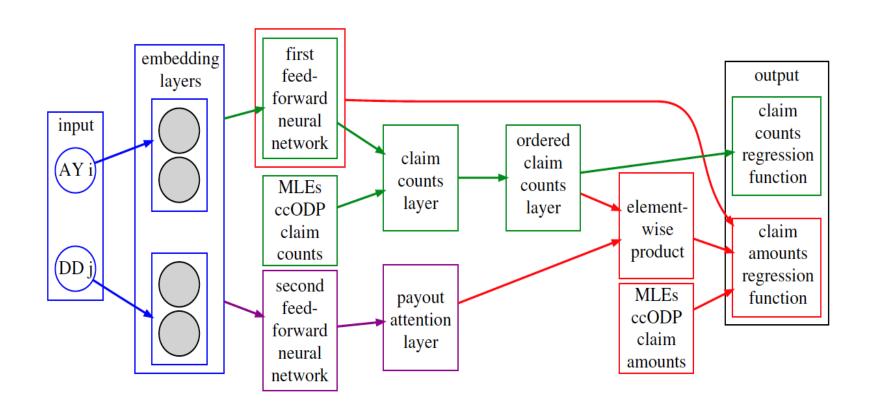


- Trädbaserade modeller där observationer fördelas med Ja/Nej-frågor
- Kombinera flera svara skattare för en starkare skattare
- Anpassa flera träd med låg djuphet
- Fyra hyperparametrar:
 - Djuphet (Depth)
 - Bootstrap-aggregering (Bagging)
 - Krympning (Shrinkage)
 - Minimum antal observationer per blad
- Modellen anpassas och de hyperparametrar som minimerar prediktionsfelet väljs

NEURALA NÄTVERK (NN)



ARKITEKTUR AV DUBBEL NEURAL NÄTVERK



DATA



Simulerad

Sex olika produkter
12 skadeår
Skador inträffade mellan 1994 till 2005
Enklare att prediktera

Från: Gabrielli, A. & Wüthrich, M. V. (2018). An Individual Claims History Simulation Machine. Risks, 6(2):29.



Folksam

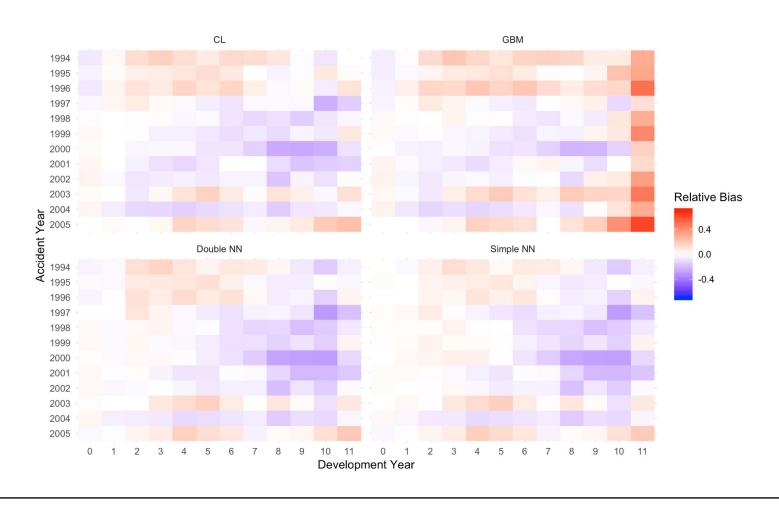
Tre olika produkter

10 till 16 skadeår

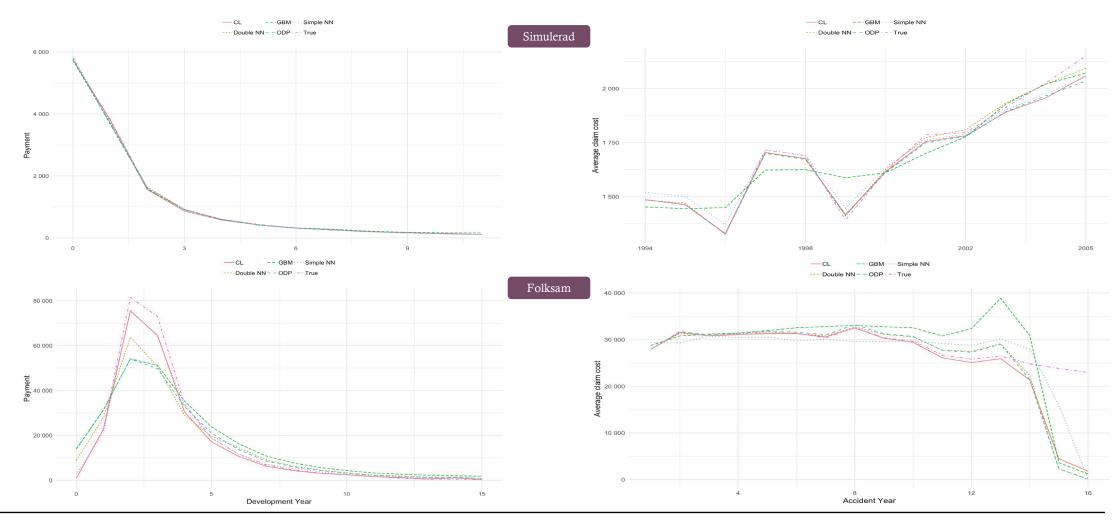
Skador inträffade mellan 1990-2007

Mer utmanande att prediktera framtida utbetalningar

SKATTNINGSFEL MED OLIKA MODELLER



SKATTAD KASSAFLÖDE OCH MEDELSKADA



SLUTSATSER



Maskininlärning kan förbättra reservsättning



Vilken modell är bäst?

Punktskattning? GBM
Minst variation? CL/NN
Minimera skattningsfel? CL/ODP
Enkel implementering? GBM



Förbättringar

Olika uppdelningar av träning- och valideringsdata Kategoriska förklarande variabler Finjustering av neurala nätverk

TACK!











ETT CP-BRALIV

Jonas Helgesson

6 saker jag har lärt mig som CP-skadad

1. Alla kan ha en dålig start

2. Etiketter ska man sätta på julklappar - inte människor

3. Se det möjliga

4. Skit händer!

5. Omgivningen är viktig

6. Livet är en FET bonus!

Tack för ni har lyssnat!!!







Livförsäkringskonferens 13 oktober 2023

- Tackmail till deltagarna
- Utvärderingen gick till 208 personer
- Enkät på 7 frågor med fritext





och dess innehåll.

Vänligen klicka här för utvärderingen

En ny utgåva av vår tidning ReNews kommer skickas ut till dig om några veckor, så håll utkik i din mailkora.

Bästa hälsningar Svein Børre Solvang, VD





Feedback on the 2023 Conference

- The best conference ever
- To cold in the conference hall. I was freezing and the chairs were very uncomfortable
- Very interesting about the vegan diet but to negative about meat
- The lunch should have been aligned with the vegan speech
- Rishi Behl: Great english and interesting on consumer studies
- Too many figures from Rishi Behl
- Stefan Löfven very charismatic and interesting speech
- Stefan Löfven didn't bring any news and to vague
- Great to see SCOR's engagement regarding actuarial science
- Actuarial price. I did not understand anything, as always
- Interesting from the actuary despite I am not an actuary. Very surprising
- Why do you not have a medical underwriting price?
- More cake and sweets during the breaks
- The food 10000 times better than last year. Great wine but breakfast was a disaster
- Where are the female speakers?
- Next year I want to hear something about AI
- Not his best performance, closer to his worst
- I think he believe he is funny, but he is not
- I was late and missed his presentation, and thank God for that
- Nice & friendly



Feedback on the 2023 Conference

- The best conference ever
- To cold in the conference hall. I was freezing and the chairs were very uncomfortable
- Very interesting about the vegan diet but to negative about meat
- The lunch should have been aligned with the vegan speech
- Rishi Behl: Great english and interesting on consumer studies
- Too many figures from Rishi Behl
- Stefan Löfven very charismatic and interesting speech
- Stefan Löf
- Great to se

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Please give us your valuable feedback also in 2024

- Interesting
- Why do you not nave a medical underwriting price?
- More cake and sweets during the breaks
- The food 10000 times better than last year. Great wine but breakfast was a disaster
- Where are the female speakers?
- Next year I want to hear something about AI
- Not his best performance, closer to his worst
- I think he believe he is funny, but he is not
- I was late and missed his presentation, and thank God for that
- Nice & friendly



