

Institute and Faculty of Actuaries

GIRO Conference 2022 21-23 November, ACC Liverpool





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Don't ask what pricing(*) can do for reserving(+), ask what we can achieve together! **Neil Bruce and Maggie Belcher**

#GiroConf22

(*), (+) = "and anyone else"

Format

This session is INTERACTIVE: it is a **workshop**, not a **talk**

What we will do:

- Provide hypotheses
- Include opposing points of view.

What we ask of you:

- Stay awake
- Consider the proposals
- Contribute to the discussion

There is no correct answer!



Overarching thesis

- Actuaries try to make "financial sense of the future"
- They do this by modelling how uncertain future events might turn out
- Many of the techniques and data used are very similar across technical functions

Examples

- Reserving actuaries project future claim movements to determine a best estimate (weighted average of all possible outcomes) of claims relating to policies already written (and potentially written in the future)
- Capital actuaries model future claim movements to determine the range of possible outcomes relating to policies already written (and potentially written in the future)
- Pricing actuaries model future claim movements to determine a best estimate (weighted average of all possible outcomes) of claims relating to policies potentially written in the future

All actuaries are doing very similar analyses on very similar data



What we are not saying

- Actuaries are all doing the same job
- The purposes of the work being carried out are similar
- There is no need for reserving, pricing and/or capital actuaries





The rest of this talk-workshop

- IS INTERACTIVE
- We may take notes of particular points that strike a chord with many people (non-attributable)
- We are happy to provide a summary of those notes to anyone in the audience



Hypothesis 1: Pricing and reserving actuaries are both aiming for the same target





Hypothesis 2: Claims team and reserving actuaries are both aiming for the same target





Hypothesis 3: Claims team is best placed to assess reserve uncertainty





Hypothesis 4: Monitoring of trends doesn't have to be carried out by actuaries

For

- Majority of expectations are set infrequently compared to capture of experience
- Automated systems can process data without any manual intervention
- Pre-agreed thresholds can be used to assess materiality of deviation

Against

- There are always manual
 - adjustment e.g. specific IBNR
- Interpretation will be necessary in the majority of cases



Hypothesis 5: Inflation assumptions are not only an actuarial assumption





Hypothesis 6: Actuarial skillsets are becoming more aligned





Conclusion

- Fundamentally, working in silos increases confusion within an organisation and adds cost
- Although not all aspects of actuarial work are common across functions, we think that there is some duplication of effort
- We also think that actuaries could learn from other technical functions and use their work more
- The influence and impact of actuaries across the organisation could be increased

All actuaries are doing very similar analyses on very similar data And so are other functions





Expressions of individual views by members of the Institute and Faculty of Actuaries and its staff are encouraged.

The views expressed in this presentation are those of the presenter.





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Thank you



