

Seminar on Reinsurance

June 5-6, 2023

Westin Philadelphia

Philadelphia, PA

Antitrust Notice

The Casualty Actuarial Society is committed to adhering strictly to the letter and spirit of the antitrust laws. Seminars conducted under the auspices of the CAS are designed solely to provide a forum for the expression of various points of view on topics described in the programs or agendas for such meetings.

Under no circumstances shall CAS seminars be used as a means for competing companies or firms to reach any understanding – expressed or implied – that restricts competition or in any way impairs the ability of members to exercise independent business judgment regarding matters affecting competition.

It is the responsibility of all seminar participants to be aware of antitrust regulations, to prevent any written or verbal discussions that appear to violate these laws, and to adhere in every respect to the CAS antitrust compliance policy.





BATTLEBOTS

LIVE

~~E~~XTREME ACTUARIAL PRICING EDITION

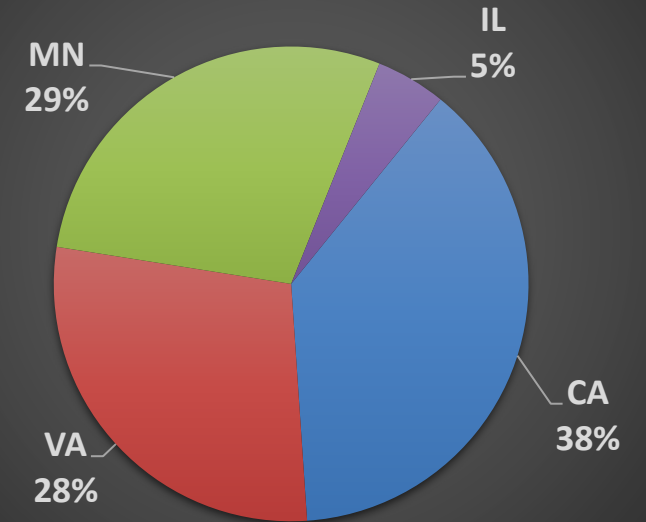


2023 Casualty Actuaries in Reinsurance

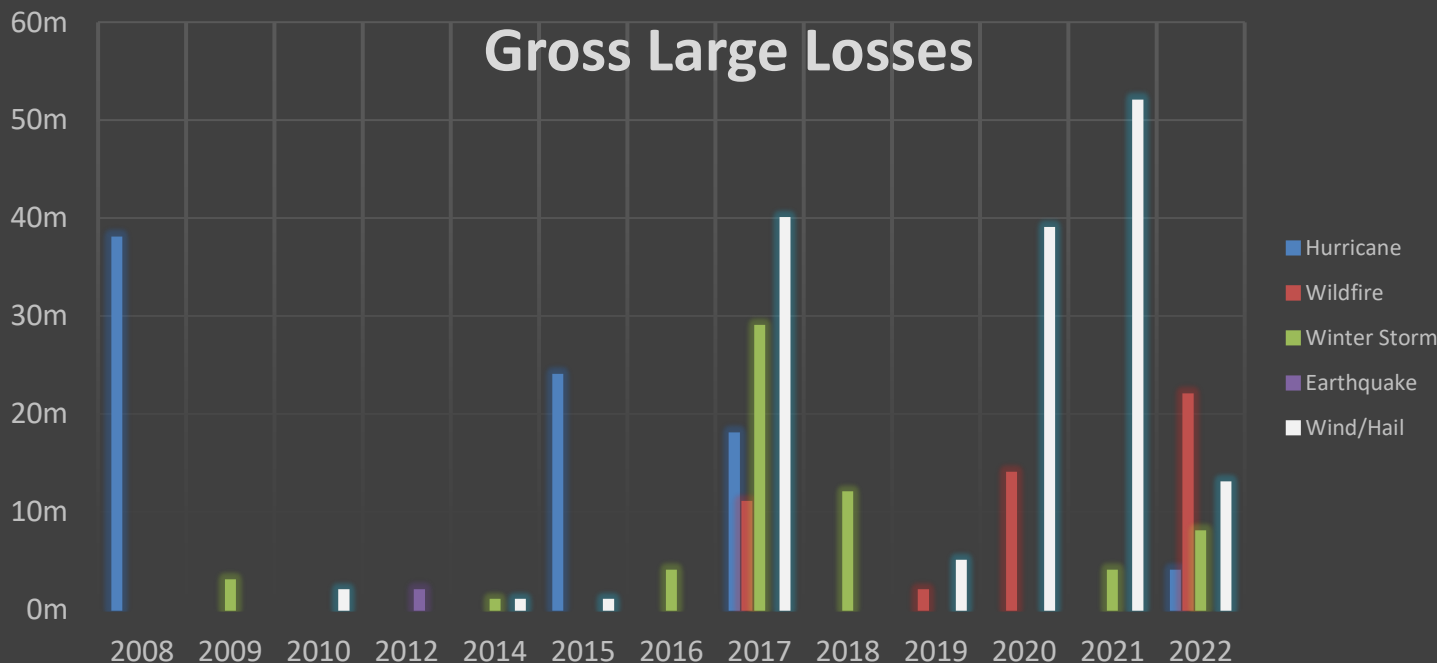
THE COMPANY:

- Personal Lines Carrier
- 130m Projected Premium
- Steady LOB Mix
- Recent Growth in IL

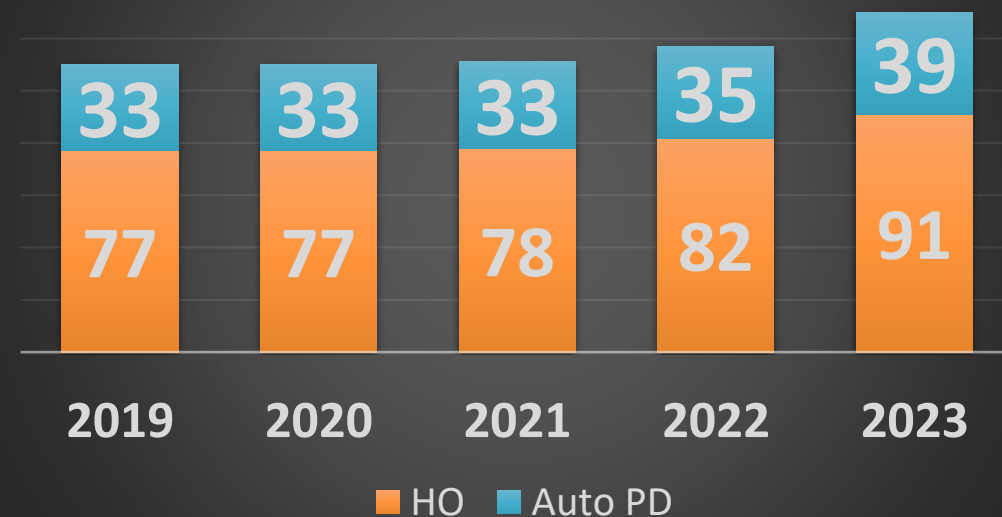
Projected Premium By State



Gross Large Losses



Premium by LOB



THE CHALLENGE:

....Same Data1 Structure



Per Occurrence



Aggregate



THE ROBOTS:



Dragon King

All of



You



Double Tap

Domba



Hydra



THE AGENDA

Data Observations

Come Back Together to Discuss

Loss Picks

Come Back Together to Discuss

Pricing

Come Back Together to Discuss



DATA OBSERVATIONS



LOSS PICKS

What Premium / Exposure Trend(s) would you pick and why??

What Loss Trend would you use and why?

What level of reliance on experience vs. model?

Any other adjustments?



FINAL PRICE PICK

Does the structure make sense? Would you suggest a different layer(s)?





What does your “Bot’s” company consider from a risk management perspective?

i.e. High / Low risk, Big Lines on Big Deals, Profit (CR) target, Rating agency constraints

What price and what share?



FINAL PRICE PICK

					
Occ L1	Price				
	Share				
Occ L2	Price				
	Share				
Agg	Price				
	Share				