

BATTLEBOTS

ACTUARIAL PRICING EDITION



2018 Casualty Actuaries in Reinsurance

MEET THE ROBOTS

CHOMP



Lesley Bosniack
LT Analytics

HUGE



Sean Devlin
Swiss Re

KRAKEN



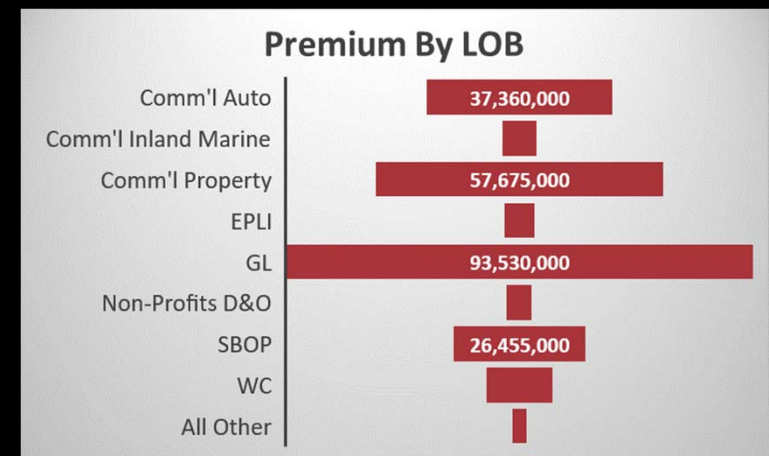
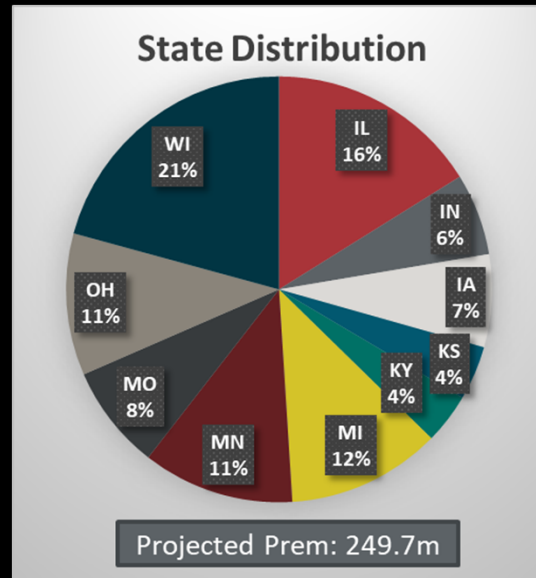
Chris Swan
Allied World Reinsurance



ABC INSURANCE:

Specialty Insurance Company

- Not E&S → Unique Programs on an Admitted basis (i.e. Assisted Living, Childcare, Social Services)
- Many programs written since 1980
- A-Rated Paper
- 35% Ultimate Loss & LAE Ratio



THE CHALLENGE:

- What is your Loss Pick for a Multi-Line Reinsurance Layer?

- Submission includes:

- *Historical Premiums*
- *Historical Large Losses & Development (Paid, Incurred, LAE)*
- *Target Loss Ratios by LOB*
- *Rate Change History By State and Line*
- *Limits Profiles: Property, Casualty*
- *GL Class Code Profile*
- *WC Premium by Class Code*

Limit and Retention	\$500,000 xs \$750,000
Reinstatements	Free & Unlimited
Property Occurrence Limit	\$1,500,000
Annual Terrorism Limit	\$2,500,000
LAE	Pro Rata In Addition
ECO/XPL Coverage	95%

