Pricing Risk Excess Reinsurance

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A varied market....

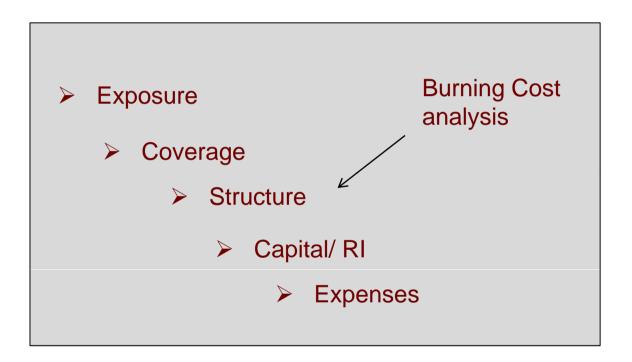
- ➢Property RI: cat, risk excess, QS
- Hull, cargo;. Working / high excess
- D&F, Terrorism
- Specialty
- Liability
- Satellite
- ➢ PA.....etc

Different Pricing Methodologies

- External exposure analysis
- Loads on key exposure metrics
- Historical burning cost
- Allocation of income / profit share
- Explicit price for volatility
- Other market share

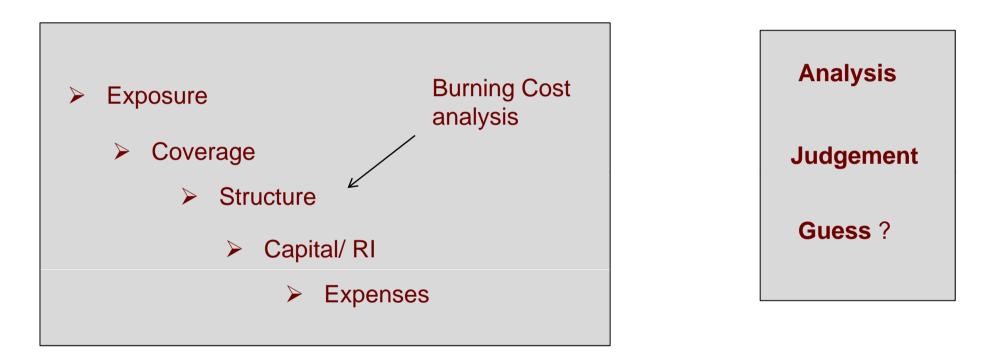


Rigorous Analysis.....orGuessing?





Rigorous Analysis....orGuessing?



> What's the right balance between rigour, detail, complexity.....and judgement?



Pricing Risk Excess Reinsurance

This session will be a...

- 1. Step-by-step demonstration of a...
- 2. A per risk pricing engine...
- 3. With consideration of the methodologies,...
- 4. The approximations & practical pitfalls contained therein...
- to allow us to consider...
 - 5. How best to Price Per Risk & what to watch out for in the current market environment?

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Managing for Profit...

Risk profiles

- ➢ Is the level of grouping reasonable? Is it changed from last year?
- Is using average Sums Insured enough?
- Base rates & mix of business, stacking
- Policy listings
- Primary vrs Excess business
- Inuring reinsurances
- Deductibles & Self insured retentions (SIRs)
- Sums Insured or PMLs



Expected Loss to Layer

- Commissions & deductions
- Level of profit in the underlying book
- Knowing your curves
 - Guidelines when to use different ones
- Rating for PML bust
- Free & unlimited cost

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Pricing for Structure

- Frequency assumptions
- Allowing for AAD, AAL
- Allowing for reinstatement premiums
- > Be ready for challenge here; Model result vrs Established practice



Loading for Profit on RXL

- ➢ % load
- > % load matrix/curve
- Calculating a Standard Deviation
- Loading for profit portfolio view

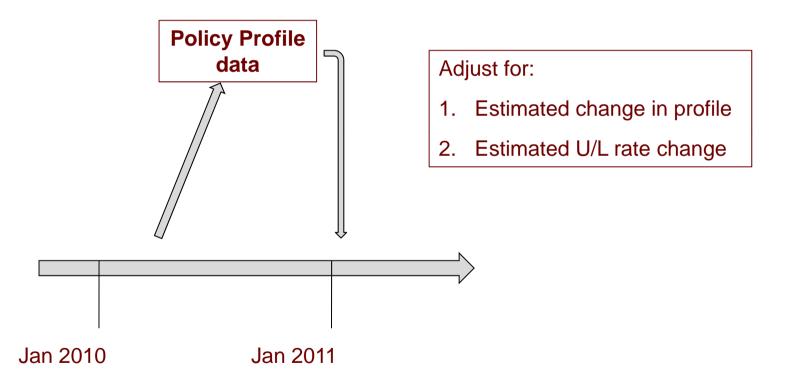


Experience rating

- Allowing for inflation
- Allowing for trend
- Pareto methodology
- When is experience of any value?
- Which years should I include/exclude?

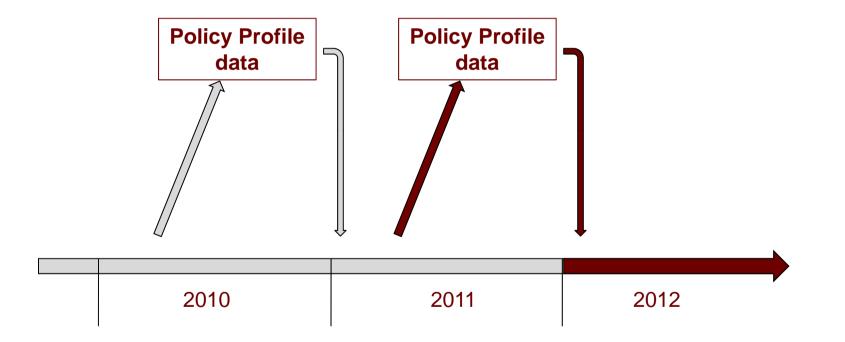


Trending and Roll-forward



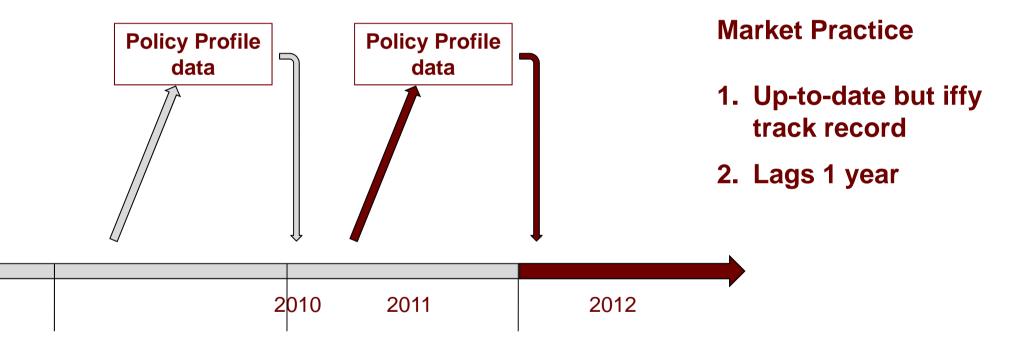


Rate Monitoring gets complicated......





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Bringing it all together

- Pricing model specification
- How will the model be used by the underwriters
 - Quote vrs lead vrs follow market
 - Issues of volume
- Pricing for Cat exposures



Pricing Risk Excess in the Current Market

- Current profitability of the market
- Inuring reinsurances
- Aggregate features
- Wordings
- Underlying rating
- Paucity of information/brokered data
- Loading for profit, component pricing

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