



#### Solvency II

- · Technically challenging
- · Enhanced modelling skills
- More focus on governance
- Complex regulation
- Complex reporting requirements



Institute and Faculty of Actuaries Data from many sources in different formats Issues we've faced Data cleansing

New processes for everyone concerned

- Missing information or open to interpretation
- Comprehensive data conversion program
  - Data Categorisation using CIC (if provided!)



External advice necessary



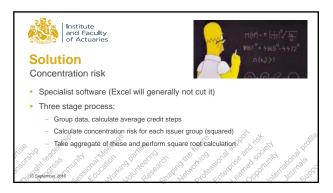
## Issues we've faced

Modelling

- Property and equity risks are straightforward (usually)
  - Exceptions are property funds and infrastructure funds
- Spread and interest rate risks are more complicated
- Lots of unfamiliar parameters that need updating
- Index-linked assets require historic information too





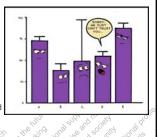




### Issues we've faced

Counterparty risk

- Data tends to be limited (and unreliable)
- Complex calculation
- · Flexibility across clients is required





#### Solution



- EIOPA supply calculator (Excel) but the data is the tricky bit
- Specialist software helps with data and calculation
- Three stage process:
  - Identify and group assets
  - Calculate probability of default for each
- Perform matrix multiplication

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## **Summary/conclusion**

- Main issue for us has been data cleansing
- Likely to be an ongoing improvement process for a few years....



