

### Introduction

- Models are everywhere
- Eliminating all model risk is not possible
- But successfully managing model risk is possible



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### Some science...



## Inputs?

- Merlot, 2007, Uruguay
- Yield <1kg per vine</li>
- French oak aged for 12 months
- · Contains sulphites





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# What do we mean by model risk?

the possibility that [ a model ] causes you to not meet your goal



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## Familiar model risk events



Federal Reserve Seeks a Rescue for Long-Term Capital Management
- Wall Street Journal

J.P.Morgan

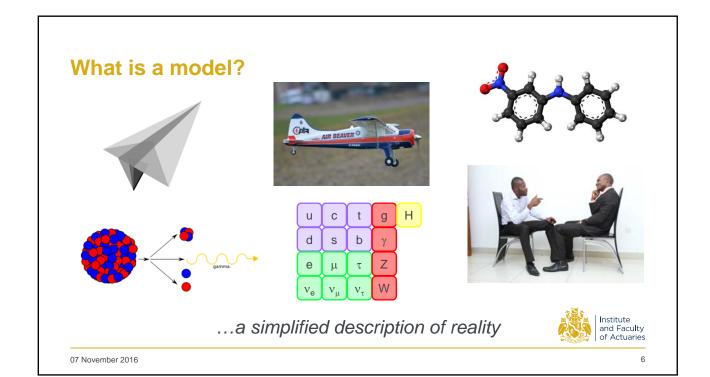
'London whale' traders charged in US over \$6.2bn loss - BBC

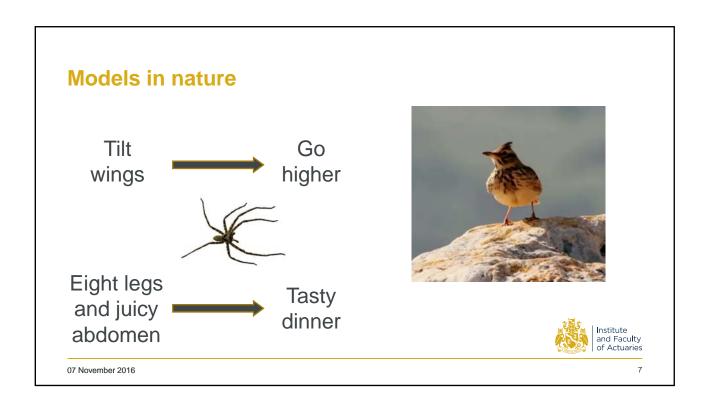


The error that could subvert George Osborne's austerity programme - The Guardian



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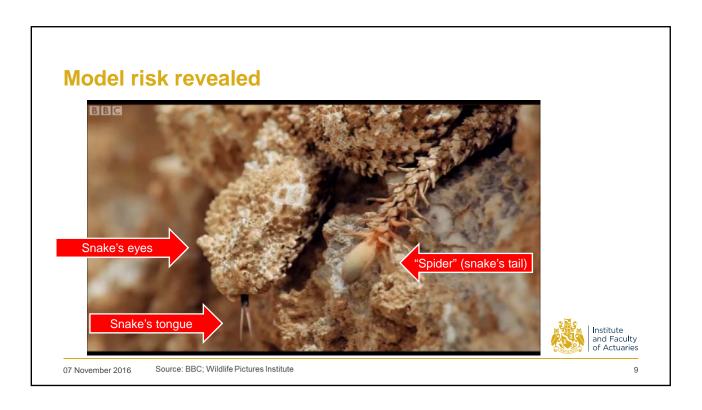


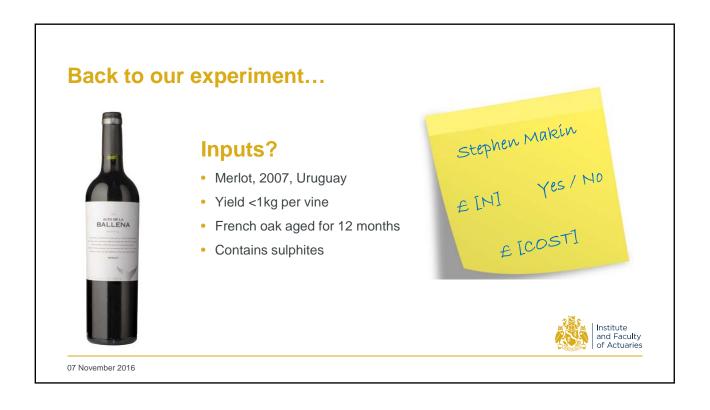


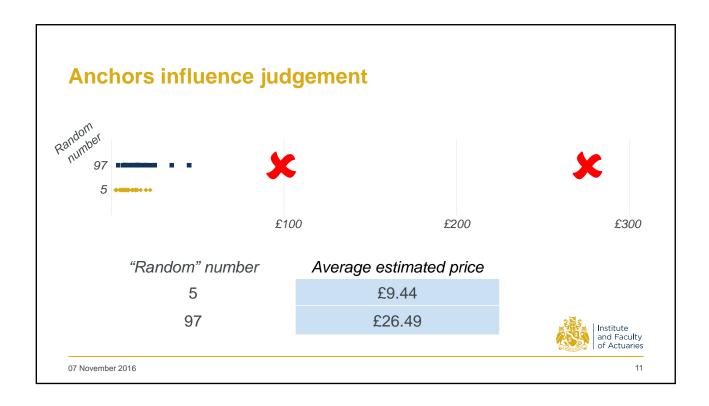
An example of models in the animal kingdom...

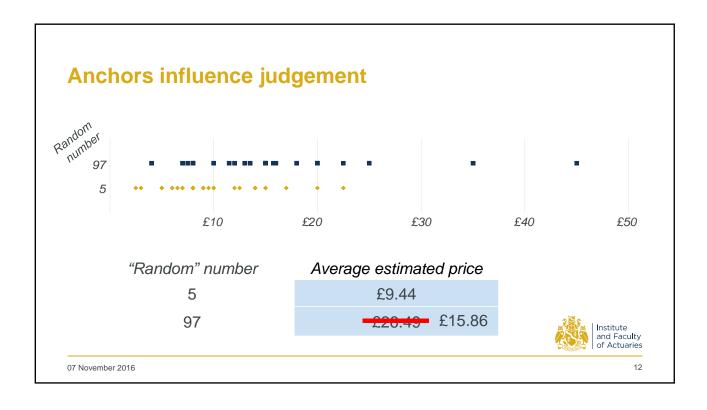


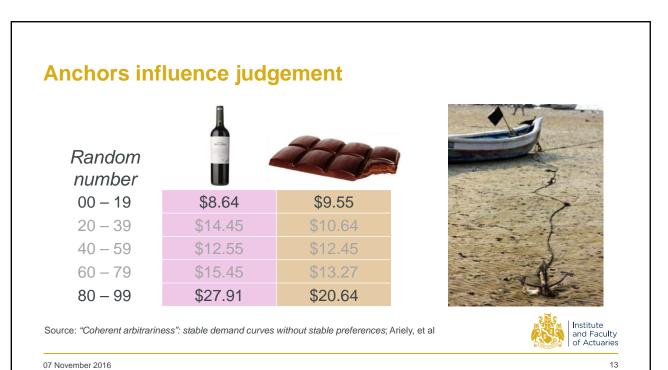
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### What else creates model risk?



group think



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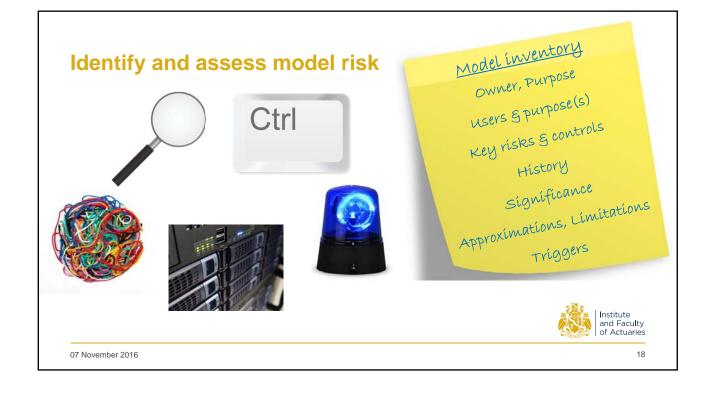
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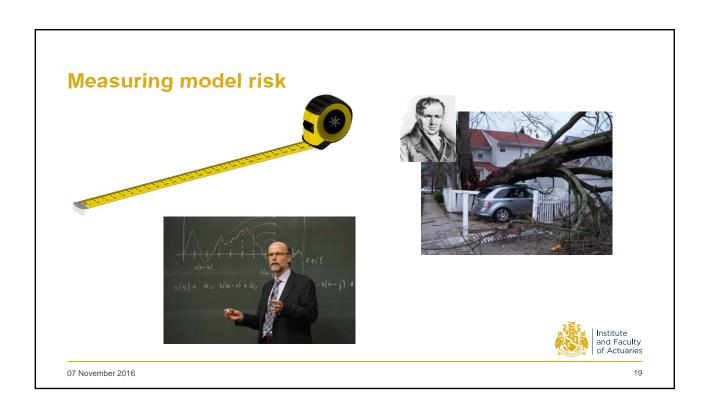
How can we identify, assess, measure and manage model risk?



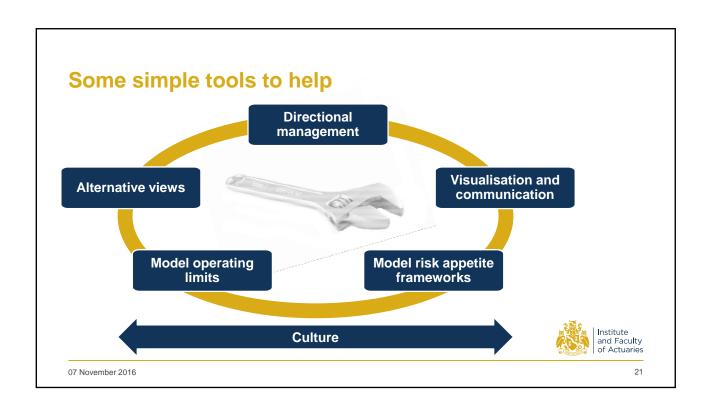
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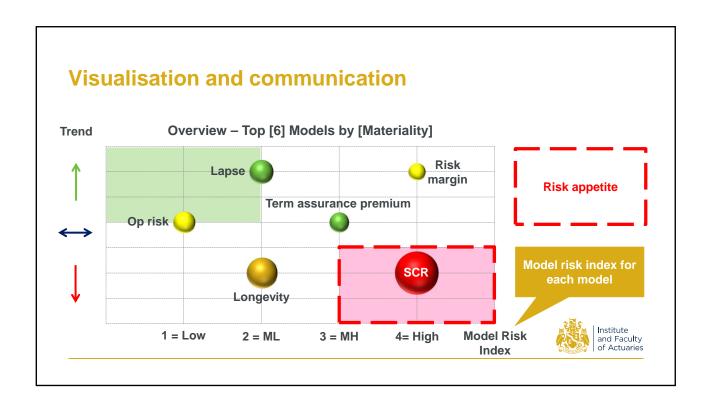














# **Alternative views**





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## **Conclusions**

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