# Pairs Trading - Relative Value

Rob Hayward

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### Outline

Introduction

- Pairs Trading
- Relative Value

This is a return full circle to the original hedge funds

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  - Use futures or contract-for-difference

The trade depends on a temporary brekdown in the correlation between two similar securities

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  - 5-year bond and 10-year bond
  - Gold and silver

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- Can use the Engle-Granger method and check that the residuals from the regression are *stationary*
- If the residuals are stationary, we expect the previous relationship to be restored
- An *Error-Correction Model* can be used to assess the speed of the return to the set relationship

Now the focus is on one part of the pair out-performing This can be based on, for example

■ Reltive PE ratios

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- Yield curve, durtion and changes in short-term interest rates