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Portable Alpha: Potent or Pointless?

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Agenda

- What is portable alpha?
- Why might it be attractive?
- Concept v reality
 - Three forms of portable alpha
 - Getting at Alpha
 - Residual Beta
 - Fees and costs
- What next?

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What is 'portable alpha'

- Market return or 'economic rent' β
 - Normally thought of as 'asset classes'
- Return from skill or judgment (risk adjusted)
 Includes stock selection, asset allocation

 - Portable alpha is a strategy that aims to combine these in the most efficient way possible

Portable α – Basics

- I want bonds +2%
- The most I can get from conventional bond management is +1.5% (see session A4!)
- My equity manager targets market plus 2.0%
- Can I swap my equity relative return for a bond relative return?

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Alpha Philosophy: Diversification is Key

- The optimal alpha portfolio should be diversified across instruments, regions, and strategy styles
- Example range:

Instruments Regions Strategy Styles Stocks US Arbitrage Large Cap US US Smail Cap US US Value Usrope US Growth Japan Captility Bonds Emerging Markets Captornal Tessuries Anstralia Dottom: Do Security Selection Hor Yield Convertibles Matrian













Historical Characteristics of Sample Alpha Portfolio

Monthly Statistics	
average	0.4%
standard deviation	0.8%
minimum	-1.1%
maximum	2.3%
# below -1%	1
# bet 0, -1%	16
# bet 0, 1	31
# bet 1,2	10
# bet 2,3	2
Total months	60
Source: BlackRock. Analysis of historical performance return	s based on mutual funds and institutional separate accounts. The Actuarial Profession making francuis errors of







Beta Management

Objective function:

Minimize beta exposure between alpha portfolio and client benchmark

- By varying exposures to: Iisted futures and customized swaps May also need selective stock shorts

Subject to:

- maximum residual beta of 100 bps (or as set by client)
- derivative notional not to exceed market value of alpha portfolio

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