# Navigating the Future of Finance

Innovations in Financial Technology

Dr. Alex Richards

Oxford University

November 25, 2023

Introduction

## Introduction

- This presentation compares AI Implementer, a systematic Artificial Intelligence fund, with industry peers (four randomly sampled ASISA actively managed funds) and the benchmark (Capped SWIX).
- Throughout, a modest management fee of 100bps was applied to simulate net returns for actively managed funds.

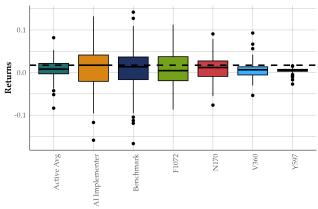
AI Implementer vs. Active Management

# AI Implementer vs. Active Management

- AI Implementer fund has a 2% median return, higher than peers.
- Superior consistency shown by a tighter IQR than active funds.
- Minimal outliers reflect reduced risk of significant losses.

#### Comparison of Returns\* Across Funds

Horizontal dashed line represents median of AI Implementer returns, which is 0.02.



Fund

\*After fees (Management fee is 100bps)

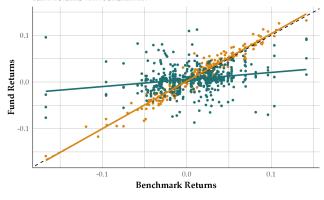
Correlation of Fund Returns to Benchmark

# Correlation of Fund Returns to Benchmark

- Performance aligns closely with benchmark standards.
- Actively managed funds show varied performance, while AI Implementer demonstrates consistent returns against the benchmark.

#### Comparison of Fund Returns\* vs. Benchmark

Dashed line represents a 45°-line, indicating a 1-to-1 correlation between fund returns and benchmark.



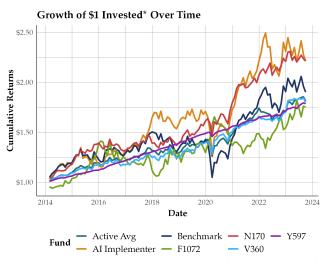
Fund Type - Actively Managed - AI Implementer

\*After fees (Management fee is 100bps)

## Cumulative Returns over Time

# Cumulative Returns over Time

- AI Implementer consistently outperforms the benchmark.
- Some funds, including N170 and F1072, outperform the benchmark at certain intervals.
- On average, however, actively managed funds are below the benchmark.



\*After fees (Management fee is 100bps)