# Fee Impact and AI Advantage

**Rethinking Fund Performance** 

Jan-Hendrik Pretorius

2023-11-27

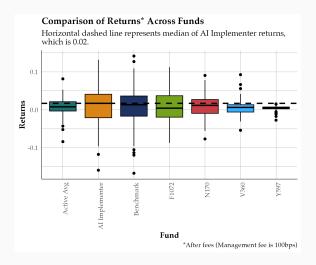
Stellenbosch University

#### 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.

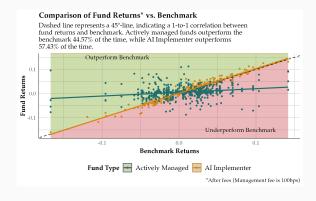
## Al Implementer vs. Active Management

- AI Implementer fund has a 2% median return, higher than peers.
- While there is higher volatility (larger IQR), it generally outperforms other funds



#### **Correlation of Fund Returns to Benchmark**

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



## **Rolling Returns over Time**

- Al 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.

