

QUANTAMENTAL INVESTING & MANAGED ACCOUNTS

THREE KEY PILLARS



Governance

- Individualised Mandates
- Risk Monitoring
- Performance Attribution



Cost

- Fundamental Stock Picking Approaches are too Expensive
- Productivity Efficiency of Data & Software

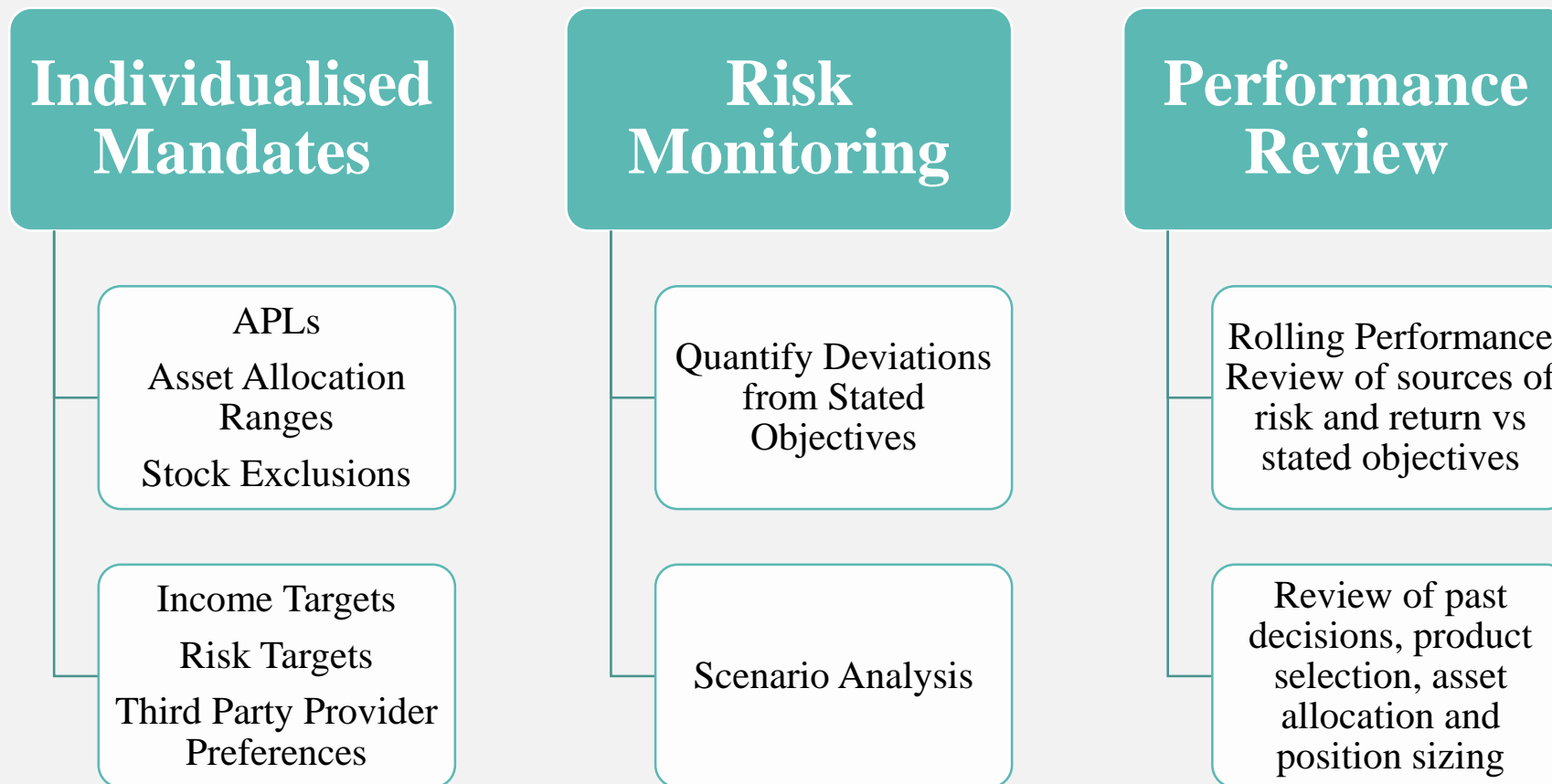


Portfolio Management

- Return Enhancement
- Whole of Portfolio Risk
- Objectivity

GOVERNANCE

Resonant, clients and an independent chair collaborate to govern the investments. Our sub-committees are armed with the following “Quantamental” evidence-based toolkit.

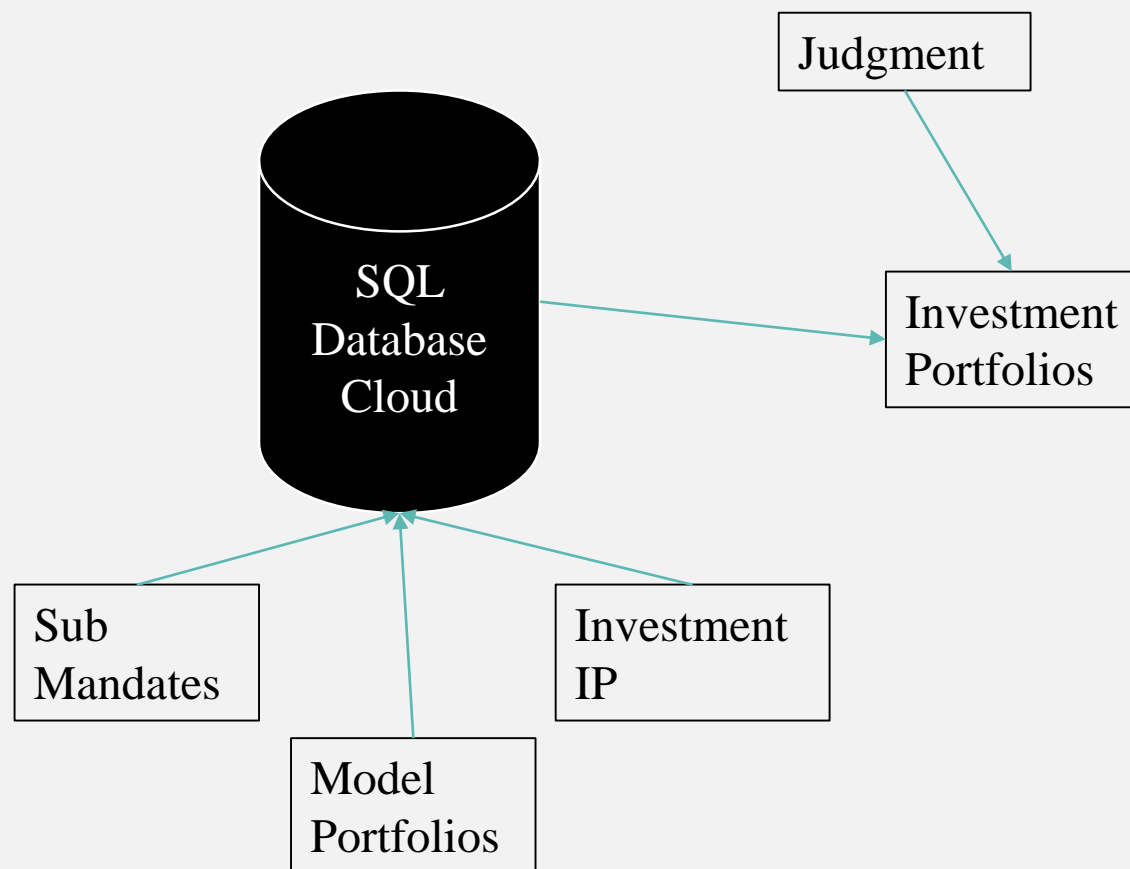


COST

Downward Pressure Inevitable in a ‘Best Interests’ Focused World

Where Are the Potential Savings?

“Quantamental” enables us to automate low value investment management tasks at scale, without sacrificing judgment.



Examples of low value tasks that a machine can do better

Data Collection (e.g. manually collecting and calculating P/Es)

Mandate Monitoring

Customised Portfolios

Standardised Reporting

Upload/Download of Data

Upload/Download of Positions

Elements of Portfolio Construction

COST

Even five years ago, the savings would not be as dramatic as they are now.

The cloud software revolution is here to stay with associated massive productivity improvements.

The ubiquity and availability of reliable data means many more tasks can be automated – careful to only automate low value tasks

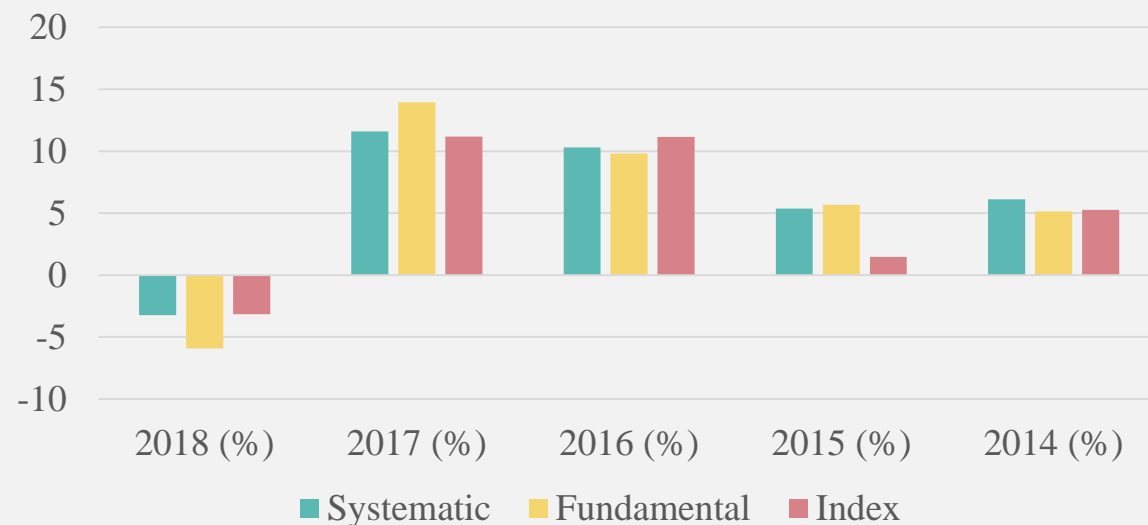
Cannot sacrifice judgment however – “Quantamental” is about preserving the power of judgment but harnessing the productivity benefits of data and software

➤ **That is the key to delivering active management at close to passive cost!**

PORTFOLIO MANAGEMENT

2018 was a terrible year for fundamental active funds.

- Risk management practices found wanting.
 - Over-concentration
 - Inappropriate sizing of positions
- Ignored factors.
 - Portfolios often embedded with inappropriate or outsized factor bets
 - Not taking into account big macro-picture



	Systematic	Fundamental
YTD (%)	13.9	12.9
2018 (%)	-3.2	-5.9
2017 (%)	11.6	13.9
2016 (%)	10.3	9.8
2015 (%)	5.4	5.7
2014 (%)	6.1	5.1

PORTFOLIO MANAGEMENT

“Quantamental” is a solution for many of the issues

Fundamental Portfolio Management

Behavioural
bias

Lack of
awareness

Organisational

Risk
Management

“Quantamental” Portfolio Management

Investments
constantly re-
evaluated

Factors and
Macro part of
the process

Less decision
makers enables
decisiveness

Quantitative
risk
management

PORTFOLIO MANAGEMENT

Additional Advantages in Multi-Asset Space

