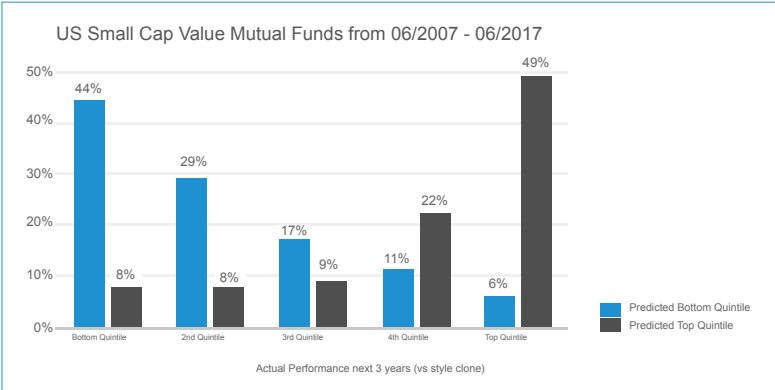# Aapryl can leverage your time, expertise and resources to improve performance

- Aapryl empowers you with predictive analytics to identify tomorrow's top performing managers, to better understand what is driving managers' performance and to monitor unwanted portfolio risks
- Aapryl saves you time and expenses by integrating large volumes of data from 3rd party sources to hone in on what's important – skill
- Aapryl maximizes your performance and convenience by distilling powerful analytics into a user-friendly and intuitive interface

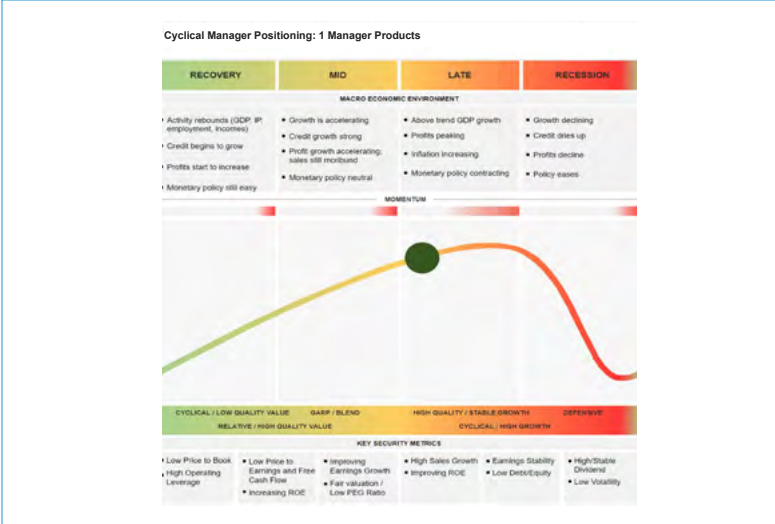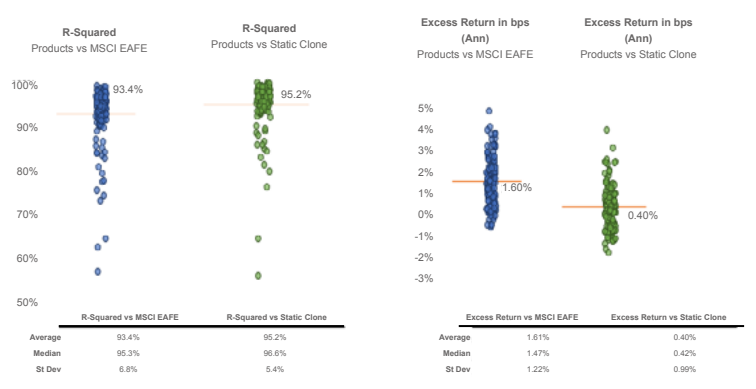US Small Cap Value Mutual Funds from 06/2007 - 06/2017

PREDICTIVE ANALYTICS

Problem: Traditional manager performance measurements (such as Information Ratio and Peer Group rankings) are useful for characterizing past performance; but they are not predictive

Solution: Aapryl's manager skill prediction algorithms increase the likelihood of choosing tomorrow's top performing managers, rather than yesterday's

MORE PRECISE PERFORMANCE BENCHMARKS AND PEER GROUPS

Problem: Performance benchmarks and peer groups are frequently imprecise measurements of manager skill

Solution: Aapryl's portfolio replication "clones", based on the manager's longitudinal factor profile, render more accurate benchmarks and are used to create more relevant peer group insights

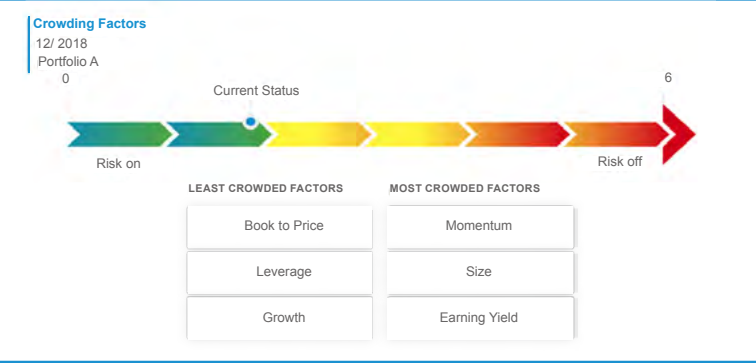## CONTEXTUALIZE MANAGER PERFORMANCE IN DIFFERENT MARKET CONDITIONS

Problem: Managers' performance is cyclical and varies under different market conditions

Solution: Aapryl normalizes manager skill estimates, contextualizes the market conditions under which they are likely to outperform, and renders more optimal and comprehensive portfolio construction

Cyclical Manager Positioning: 1 Manager Products

FACTOR CROWDING WARNING

Problem: When factors dominate market performance over prolonged periods, portfolio diversification deteriorates and multi-manager portfolios can become vulnerable to "factor crashing" after market reversals

Solution: Aapryl's crowding module allows allocators to evaluate their portfolio's factor diversification and the risk of factor crashing

COST EFFECTIVE DATA INTEGRATION AND ANALYSIS

Problem: There are thousands of investment products to evaluate and your time is finite and precious.
Aapryl integrates data from multiple data providers: ~6,500 separately managed accounts ~42,000 mutual funds ~3,600 ETFs.

Solution: Aapryl saves time and expense by integrating large volumes of data from 3rd party sources to hone in on what's important – skill.