

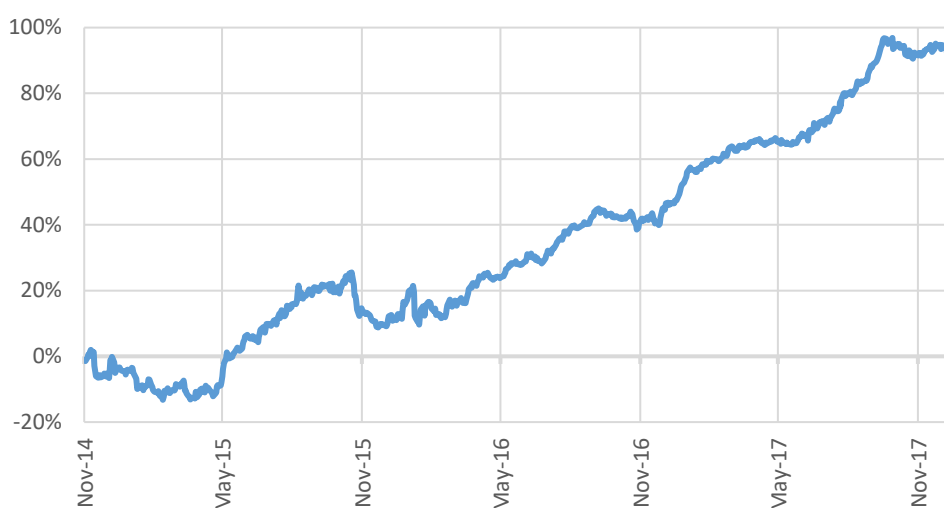
ClosingBell crowdsourced stock ratings – Fact Sheet

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ClosingBell is an app-based collaborative stock trading platform which allows its users to connect their online brokerage accounts and share their trades and portfolios with one another. Users, who are retail traders, can also share their trade ideas, or ratings, with the ClosingBell community.

The ClosingBell crowdsourced stock ratings dataset includes all such Buy and Sell ratings issued by the community’s members since 2014, currently over 43,000 ratings from 2,800 contributors. We find that the ratings are predictive of stock prices over a one to twenty trading day period. The returns of portfolios built using the ratings exhibit dollar neutral returns of 30% with a Sharpe ratio of 1.9. These returns are robust to trading costs and are not explained by common risk factors. The ClosingBell data represents a unique and powerful source of crowdsourced alpha which can improve systematic sentiment strategies.

Cumulative dollar neutral returns



	Ann ret	Sharpe
Overall	29.6%	1.94
2015	16.5%	0.97
2016	35.2%	2.35
2017	45.2%	3.78
Large cap	6.6%	0.52
Mid cap	6.8%	0.66
Small cap	33.2%	1.69

About ExtractAlpha

ExtractAlpha is an independent research firm dedicated to providing unique, curated, actionable data sets to institutional investors. We apply our extensive experience in quantitative analysis and the design of investment analytics products to interesting new data sets and tools. Our rigorously built quantitative models are designed for institutional investors to gain a measurable edge over their competitors. We also partner with top FinTech data firms to identify investment value in their data sets and help investors profit from these unique new sources of information.

ExtractAlpha’s founding team held senior positions in the original R&D and sales teams at StarMine and at top quantitative hedge fund groups including Morgan Stanley PDT.