

Position Close Update: Redfin Corp (RDFN)

Redfin Corp (RDFN) – Closing Short Position – up 187% vs. S&P up 81%

We made Redfin Corp (RDFN: \$55/share) a Danger Zone pick on <u>July 24, 2017</u>. At the time of the report, RDFN earned an Unattractive <u>rating</u>. We felt the firm's industry-low profitability, strong competition from traditional real estate brokerages, and expensive IPO valuation provided dangerous risk/reward.

This report, along with all of our research¹, leverages our <u>more reliable fundamental data²</u> to get the truth about earnings, as shown in the Journal of Financial Economics paper, "<u>Core Earnings: New Data and Evidence</u>."

Learn more about the best fundamental research

During the 4+ year holding period, RDFN underperformed as a short position, rising 187% compared to an 81% gain for the S&P 500.

We underestimated Redfin's ability to leverage its tech-based model to use lower fees to attract clients, grow its business, and then eventually expand into the rising iBuying market. Now, Redfin just reported its first profitable year (based on <u>net operating profit after-tax</u>) as a public company in 2020, and its return on invested capital (<u>ROIC</u>) improved from -26% in 2015 to 8% over the trailing-twelve-months.

The hot housing market, which is unlikely to slow (at least until the Fed raises rates) given low supply and strong demand, could drive shares even higher. While RDFN remains overvalued, macro trends, coupled with an improving business mean the stock no longer provides quality risk/reward as a short and we're closing this short position.

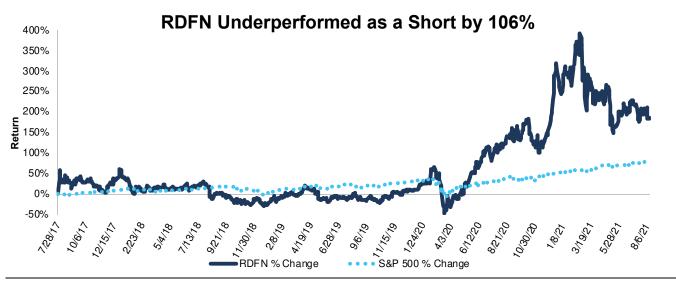


Figure 1: RDFN vs. S&P 500 - Price Return - Unsuccessful Short Idea

Sources: New Constructs, LLC and company filings Note: Gain/Decline performance analysis excludes transaction costs and dividends.

Return measured from opening prices on July 28, 2017, which is Redfin's IPO date.

This article originally published on <u>August 13, 2021</u>.

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Important Disclosure Information is contained on the last page of this report. The recipient of this report is directed to read these disclosures.

¹ Harvard Business School features our Robo-Analyst research automation technology in the case <u>New Constructs: Disrupting Fundamental</u> <u>Analysis with Robo-Analysts</u>.

² Three independent studies from respected institutions prove the superiority of our data, models, and ratings. Learn more here.



Disclosure: David Trainer, Kyle Guske II, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.

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It's Official: We Offer the Best Fundamental Data in the World

Many firms claim their research is superior, but none of them can prove it with independent studies from highlyrespected institutions as we can. Three different papers from both the public and private sectors show:

- 1. Legacy fundamental datasets suffer from significant inaccuracies, omissions and biases.
- 2. Only our "novel database" enables investors to overcome these flaws and apply <u>reliable</u> fundamental data in their research.
- 3. Our proprietary measures of <u>Core Earnings</u> and <u>Earnings Distortion</u> materially improve stock picking and forecasting of profits.

Best Fundamental Data in the World

Forthcoming in <u>The Journal of Financial Economics</u>, a top peer-reviewed journal, <u>Core Earnings: New Data &</u> <u>Evidence</u> proves our Robo-Analyst technology overcomes material shortcomings in legacy firms' data collection processes to provide superior <u>fundamental data</u>, <u>earnings</u> models, and <u>research</u>. More <u>details</u>.

Key quotes from the paper:

- "[New Constructs'] Total Adjustments differs significantly from the items identified and excluded from Compustat's adjusted earnings measures. For example... 50% to 70% of the variation in Total Adjustments is not explained by S&P Global's (SPGI) Adjustments individually." – pp. 14, 1st para.
- "A final source of differences [between New Constructs' and S&P Global's data] is due to data collection oversights...we identified cases where Compustat did not collect information relating to firms' income that is useful in assessing core earnings." – pp. 16, 2nd para.

Superior Models

A top accounting firm features the superiority of our ROIC, NOPAT and Invested Capital research to Capital IQ & Bloomberg's in <u>Getting ROIC Right</u>. See the <u>Appendix</u> for direct comparison details.

Key quotes from the paper:

- "...an accurate calculation of ROIC requires more diligence than often occurs in some of the common, off-the-shelf ROIC calculations. Only by scouring the footnotes and the MD&A [as New Constructs does] can investors get an accurate calculation of ROIC." – pp. 8, 5th para.
- "The majority of the difference...comes from New Constructs' machine learning approach, which leverages technology to calculate ROIC by applying accounting adjustments that may be buried deeply in the footnotes across thousands of companies." – pp. 4, 2nd para.

Superior Stock Ratings

Robo-Analysts' stock ratings outperform those from human analysts as shown in this <u>paper</u> from Indiana's Kelley School of Business. Bloomberg features the paper <u>here</u>.

Key quotes from the paper:

- "the portfolios formed following the buy recommendations of Robo-Analysts earn abnormal returns that are statistically and economically significant." pp. 6, 3rd para.
- "Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts." pp. 20, 3rd para.

Our mission is to provide the best fundamental analysis of public and private businesses in the world and make it affordable for all investors, not just Wall Street insiders.

We believe every investor deserves to know the whole truth about the profitability and valuation of any company they consider for investment. More details on our cutting-edge technology and how we use it are <u>here</u>.



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