February 01 ,2024

Exceptional & Rich U.S. 100™ Goldring Factsheet

Inception date January 2023

Description

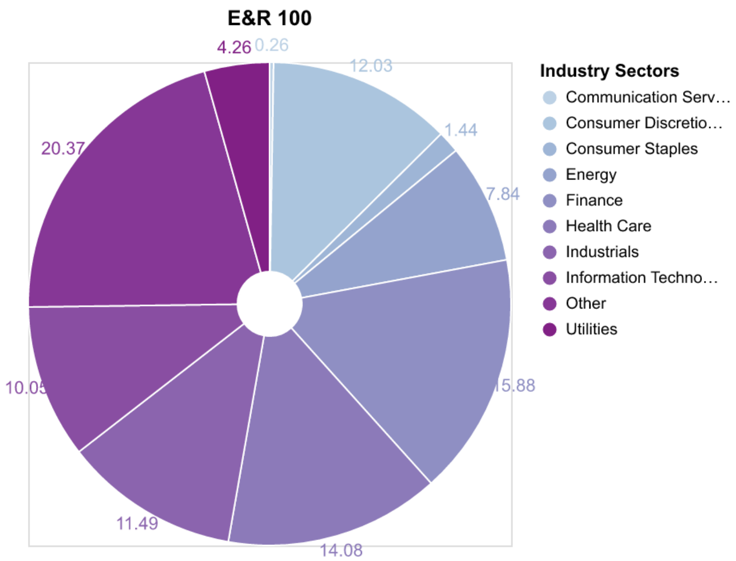
Exceptional & Rich U.S. 100 Index [E&R 100] has been created to improve the statistical and scientific design flaws of the market capitalization methodology used in the S&P 100, which is widely regarded as the best single gauge of large-cap U.S. equities. Unlike market capitalization methodology which is risk-increasing and return-reducing owing to its concentration, the E&R is designed to own 100 large-cap U.S. equities, and deliver higher risk-weighted excess returns while maintaining low tracking error vs. the S&P 100.

Methodology

The methodology is based on a modern science innovation, which uses Reversion-Divergence framework to dynamically score, weight and rebalance components in a group to deliver higher risk-weighted excess returns. The method removes the conflict between Efficient and Inefficient market thinking, statistically normal and non-normal behavior, or in simple terms the conflict between Value and Growth investing. The methodology is not Size biased, and obviates the need for concentration and running after winners but rather adopts a slower weight readjustment compared to the S&P 100.

1. Exceptional & Rich U.S. 100

1.1. Sector Breakdown (percentage)

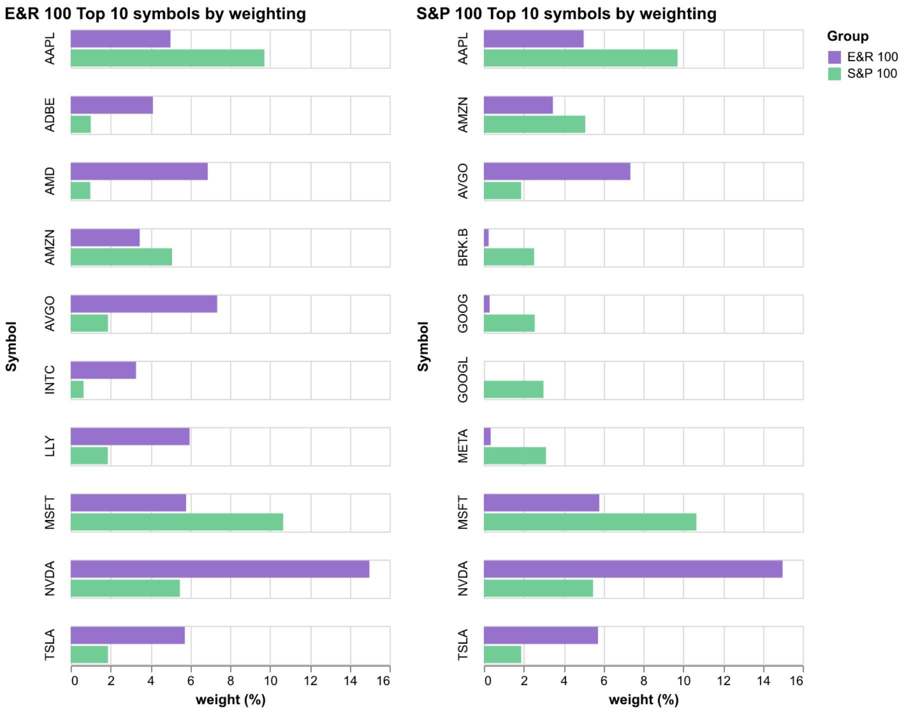


1.2. Top 10 Components

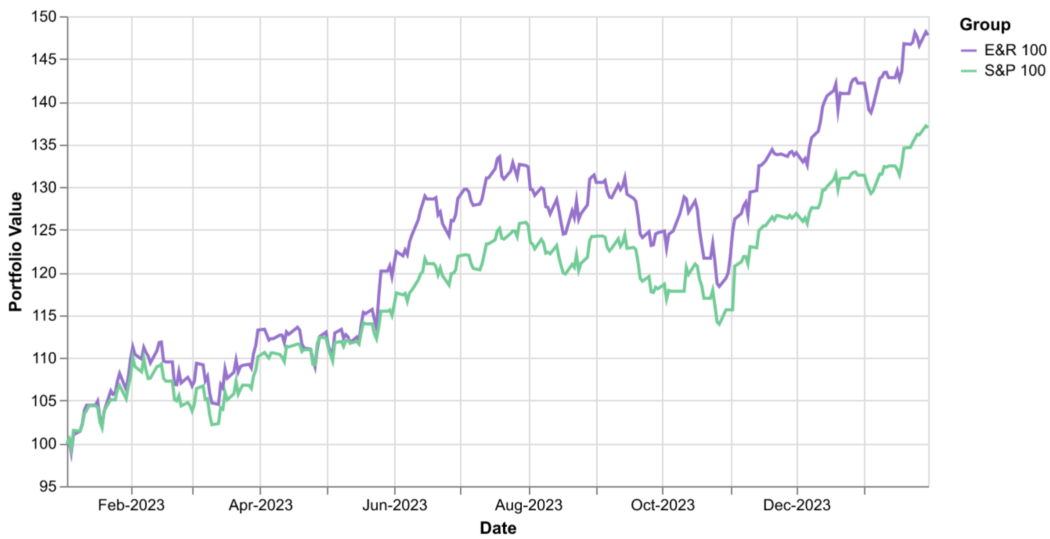
	Nr./Symbol	Name	Current Price	P&L(%)	E&R 100 Proportion(%)
1	NVDA	NVIDIA Corp	627.74	44.25	14.99
2	AVGO	Broadcom Ltd	1208.16	88.05	7.35
3	AMD	Advanced Micro Devices Inc	172.06	45.11	6.88
4	LLY	Eli Lilly & Co	644.98	45.18	5.97
5	MSFT	Microsoft Corp	408.59	34.23	5.79
6	TSLA	Tesla Inc	191.59	-25.30	5.73
7	AAPL	Apple Inc	188.04	-1.64	5.01
8	ADBE	Adobe Systems Inc	627.96	11.41	4.13
9	AMZN	Amazon.Com Inc.	159.00	7.09	3.46
10	INTC	Intel Corp	42.92	20.26	3.28

*In case components hit maximum weight constraints they are rebalanced back to lower inception weights.

1.3. Top 10 Comparisons



1.4. Performance Plot Since January 2023



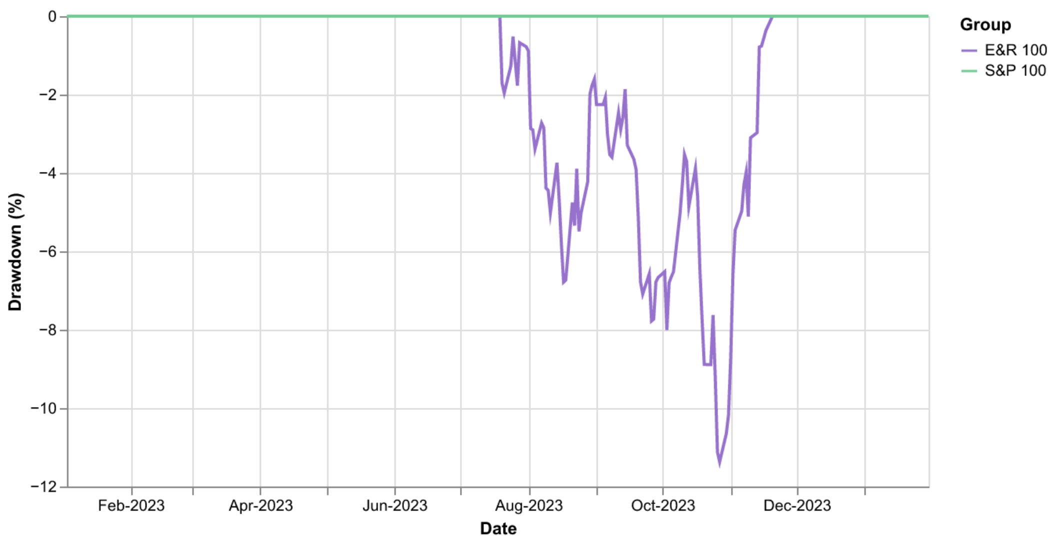
1.5. Performance Metrics

The table illustrates the performance across various parameters. The Performance (%) of Portfolio from different starting points, Current portfolio value of the funds invested at inception, Annualized (%) Returns, Annualized Standard Deviation (%), Average Tracking Error (%) and Average Information Ratio (%).

	Nr./Name	E&R 100	S&P 100
1	Performance (%) since January 2024	3.95	4.23
2	Current Portfolio Value (Invested in January 2023)	147.77	136.94
3	Annualized (%) Return (Since January 2023)	43.85	34.01
4	Annualized Std. Deviation (%)	16.09	13.65
5	Average Tracking Error (%)	4.85	-
6	Average Information Ratio (%)	0.75	-

1.6. Drawdown Analysis

A daily time series plot illustrating drawdowns of more than 10% from peak equity.



	Nr./Portfolio Drawdowns (%)	Start date	End date	Maximum (%)	Days
1	-	19-Jul-23	20-Nov-23	-11.37	124

	Nr./Benchmark Drawdowns (%)	Start date	End date	Maximum (%)	Days
1	-	-	-	-	-

Bibliography

[1] Matia, Kaushik and Pal, Mukul and Stanley, H. Eugene and Salunkay, H., Scale-Dependent Price Fluctuations for the Indian Stock Market. EuroPhysics Letters, Aug 2003

[2] M. Pal, M. Shah, A. Mitroi, Temporal Changes in Shiller's Exuberance Data, SSRN, Feb 2011

[3] M. Pal, Mean Reversion Framework, SSRN, May 2015

[4] M. Pal, Markov and the Mean Reversion Framework, SSRN, May 2015

[5] M. Pal, Momentum and Reversion, Aug 2015

[6] M. Pal, What is Value, SSRN, Sep 2015

[7] M. Pal, M. Ferent, Stock Market Stationarity, SSRN, Sep 2015

[8] M. Pal, Reversion Diversion Hypothesis, SSRN, Nov 2015

[9] M. Pal, How Physics Solved your wealth problem, SSRN, Oct 2016

[10] M. Pal, Human AI, SSRN, Jul 2017

[11] M. Pal, The Size Proxy, Aug 2017

[12] M. Pal, The Beta Maths, SSRN, Mar 2017

[13] Maureen, O. Bhattacharya, A. ETFs and Systematic Risk. CFA Research Institute, Jan 2020

[14] M. Pal, [3N] model of life, SSRN, Apr 2021

[15] M. Pal, The S&P 500 Myth, SSRN, Jul 2022

[16] M. Pal, The Snowball Effect, SSRN, Jul 2022

[17] M. Pal, Mechanisms of Psychology, SSRN, Jun 2022

[18] M. Pal, The [3N] model of life, SSRN, Feb 2023

[19] M. Pal, R. Fenesi, O.D. Cigan, A.G. Berciu, R.C. Tiric, F. Pal, D. Todor, E.H. Dulf, Revolutionizing Active Investing With Machine Learning, SSRN, Jan 2024

[20] M. Pal, R.C. Tiric, F. Pal, Machine Beta, Statistical Factors, Non-Linear Mechanisms And The [3N] Methodology, SSRN, Jan 2024

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