



EQUITY RISK SCIENCES, INC
Institutional Investment Data Analytics

ERS's BENCHMARK STUDY

February 22, 2024

ERS's PREDICTIVE ANALYTICS -vs- S&P 500 INDEX



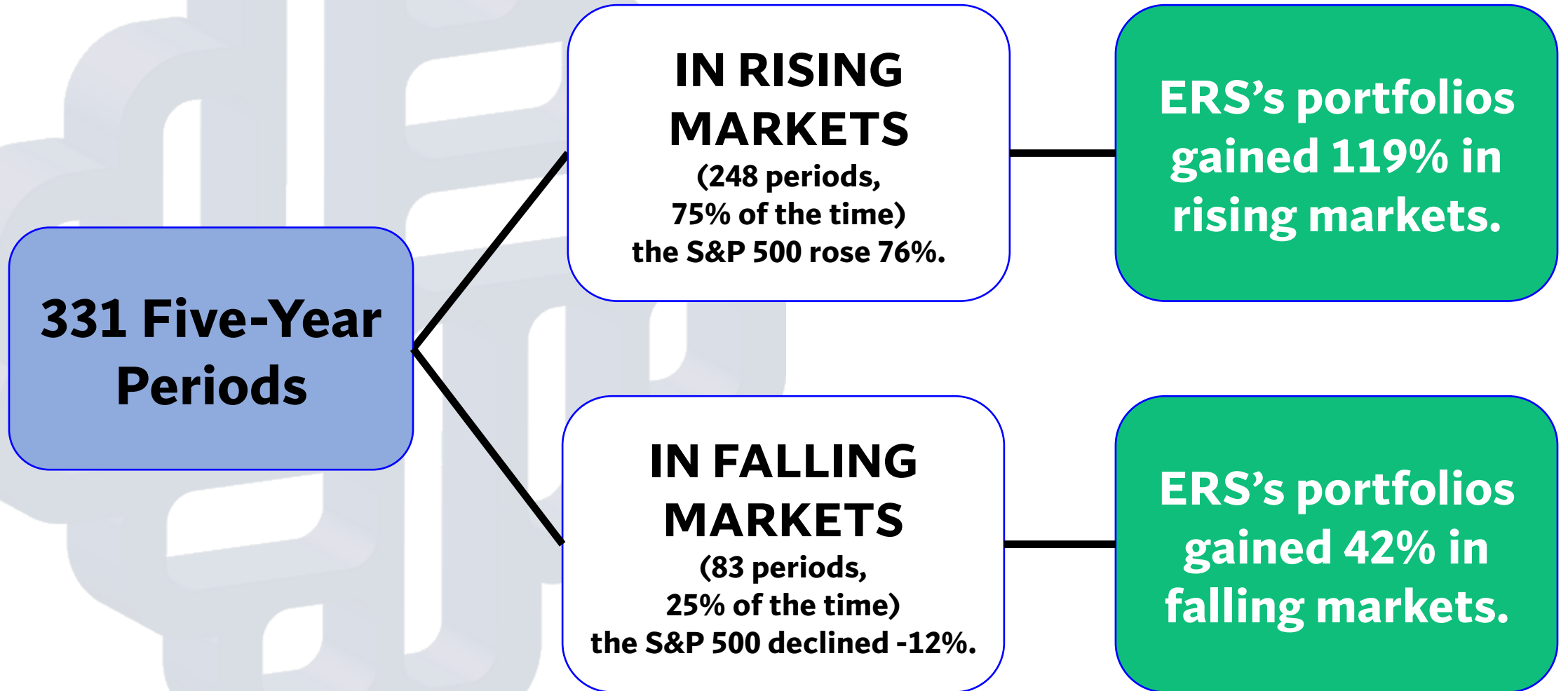
- 🌀 **Objective:** Employ a longitudinal study consisting of 331 5-year periods over 32 years to determine the performance results of using **ERS's Predictive Analytics** technology compared to the performance of the S&P 500 index in the same periods.
- 🌀 **Study Period:** 331 5-year periods: 12/1988 through 6/2016, monthly
Sample: 1,000* largest companies by market cap in each period
 - Minimum market cap of \$100 million
- 🌀 **Study Method:**
 - ERS assigned each company a **PRI Rating™** and an **ERI Rating™** at the beginning of each period.
 - Grouped companies into portfolios based on their **PRI Ratings™** and **ERI Ratings™** in each period
 - Calculated each portfolio's average return based on each company's 5-year rate of return

**If fewer than 1,000 companies met this criteria, all were used*

Conclusions:

ERS's proprietary predictive analytics technology produced far greater profitability than the S&P 500 Index, reduced volatility and reduced losses in flat, rising *and* falling markets.

ERS's 32-YEAR BENCHMARK PERFORMANCE STUDY



ANALYSIS OF ERS'S PORTFOLIOS USING ERI RATING™

Portfolio ERI Rating™	# Periods	Average 5Y Performance	Average S&P 500
5.9 to 10.9	165	144%	77%
10.9 to 20.1	166	56%	32%

Portfolio ERI Rating™	# Periods	Average 5Y Performance	Average S&P 500
5.9 to 9.6	110	161%	84%
9.6 to 12.3	110	82%	42%
12.3 to 20.1	111	56%	37%

Portfolio ERI Rating™	# Periods	Average 5Y Performance	Average S&P 500
5.9 to 9	83	162%	87%
9 to 10.9	82	125%	67%
10.9 to 13.1	83	54%	24%
13.1 to 20.1	83	59%	39%

**IN 331 5-YEAR TESTS, OVER 32 YEARS IN RISING, FALLING & FLAT MARKETS
ERS'S TECHNOLOGY AVERAGE ANNUAL PROFITS: 99.8% VS 54.3% ON THE S&P INDEX**

Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI
12/88	68%	172%	9.0	4/91	74%	116%	10.1	8/93	107%	133%	9.5	12/95	114%	127%	7.2
1/89	62%	165%	9.6	5/91	72%	124%	10.3	9/93	122%	137%	9.5	1/96	115%	147%	7.2
2/89	62%	147%	9.2	6/91	81%	137%	9.6	10/93	135%	131%	9.7	2/96	94%	86%	6.9
3/89	51%	181%	9.0	7/91	65%	112%	9.8	11/93	152%	141%	9.9	3/96	80%	113%	6.6
4/89	46%	135%	9.9	8/91	65%	105%	10.6	12/93	164%	166%	10.2	4/96	91%	151%	6.9
5/89	42%	82%	10.7	9/91	77%	243%	9.8	1/94	166%	149%	10.2	5/96	88%	152%	7.9
6/89	40%	128%	10.7	10/91	80%	242%	9.3	2/94	165%	159%	9.9	6/96	83%	195%	7.9
7/89	32%	149%	10.9	11/91	102%	263%	8.5	3/94	189%	159%	8.9	7/96	89%	233%	6.8
8/89	35%	159%	10.6	12/91	78%	130%	9.5	4/94	196%	224%	8.7	8/96	74%	201%	6.8
9/89	33%	104%	10.5	1/92	92%	109%	10.0	5/94	185%	240%	8.7	9/96	51%	126%	7.0
10/89	39%	153%	9.5	2/92	92%	102%	10.5	6/94	209%	260%	8.1	10/96	50%	182%	6.7
11/89	31%	186%	9.5	3/92	88%	89%	9.6	7/94	190%	254%	8.1	11/96	51%	166%	6.7
12/89	30%	172%	9.5	4/92	93%	84%	8.8	8/94	178%	230%	8.8	12/96	55%	182%	7.1
1/90	43%	207%	9.5	5/92	104%	170%	8.7	9/94	177%	177%	8.8	1/97	44%	187%	7.2
2/90	47%	207%	8.8	6/92	117%	241%	9.0	10/94	189%	208%	9.1	2/97	40%	185%	7.6
3/90	47%	184%	9.2	7/92	125%	205%	9.4	11/94	206%	188%	7.7	3/97	52%	119%	6.2
4/90	56%	187%	8.6	8/92	117%	187%	9.0	12/94	220%	215%	7.4	4/97	34%	194%	6.5
5/90	48%	100%	9.8	9/92	127%	228%	9.1	1/95	196%	206%	7.2	5/97	26%	150%	8.2
6/90	52%	275%	9.7	10/92	118%	169%	9.4	2/95	180%	202%	7.5	6/97	12%	121%	8.2
7/90	58%	342%	9.4	11/92	121%	174%	10.7	3/95	199%	272%	7.3	7/97	-4%	91%	8.9
8/90	74%	541%	7.6	12/92	123%	138%	11.3	4/95	182%	166%	7.2	8/97	2%	75%	9.3
9/90	91%	554%	7.0	1/93	123%	120%	11.1	5/95	166%	148%	7.8	9/97	-14%	38%	9.5
10/90	91%	661%	7.0	2/93	137%	195%	10.3	6/95	167%	128%	8.8	10/97	-3%	58%	8.7
11/90	88%	376%	7.1	3/93	144%	157%	10.0	7/95	155%	108%	8.7	11/97	-2%	45%	9.0
12/90	87%	234%	8.2	4/93	153%	183%	9.5	8/95	170%	116%	8.6	12/97	-9%	14%	8.0
1/91	85%	211%	9.0	5/93	142%	139%	9.3	9/95	146%	114%	8.3	1/98	-13%	19%	7.8
2/91	74%	223%	10.0	6/93	152%	146%	9.0	10/95	146%	96%	7.9	2/98	-20%	14%	8.8
3/91	72%	172%	10.5	7/93	150%	166%	8.6	11/95	117%	107%	7.6	3/98	-23%	12%	8.5

**IN 331 5-YEAR TESTS, OVER 32 YEARS IN RISING, FALLING & FLAT MARKETS
ERS'S TECHNOLOGY AVERAGE ANNUAL PROFITS: 99.8% VS 54.3% ON THE S&P INDEX**

Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI
4/98	-18%	24%	8.6	8/00	-20%	98%	12.0	12/02	67%	107%	11.4	4/05	3%	21%	11.2
5/98	-12%	38%	8.9	9/00	-14%	91%	11.1	1/03	61%	89%	10.7	5/05	-9%	24%	12.4
6/98	-14%	25%	8.2	10/00	-16%	96%	10.8	2/03	58%	95%	9.0	6/05	-13%	22%	12.1
7/98	-12%	45%	7.0	11/00	-5%	90%	9.2	3/03	56%	99%	9.3	7/05	-11%	19%	13.0
8/98	5%	132%	6.4	12/00	-5%	99%	9.2	4/03	51%	92%	10.7	8/05	-14%	10%	13.6
9/98	-2%	152%	6.2	1/01	-6%	49%	10.5	5/03	45%	77%	12.0	9/05	-7%	14%	12.7
10/98	-4%	101%	6.9	2/01	3%	63%	9.7	6/03	31%	43%	12.4	10/05	-2%	29%	11.6
11/98	-9%	91%	8.5	3/01	12%	74%	8.7	7/03	28%	45%	12.9	11/05	-6%	29%	13.2
12/98	-10%	59%	11.8	4/01	5%	39%	10.0	8/03	27%	40%	13.8	12/05	1%	25%	13.1
1/99	-12%	62%	11.5	5/01	1%	37%	10.3	9/03	17%	35%	13.3	1/06	0%	22%	14.0
2/99	-8%	88%	11.2	6/01	4%	32%	10.1	10/03	-8%	7%	15.2	2/06	4%	12%	13.3
3/99	-12%	81%	11.0	7/01	5%	39%	10.3	11/03	-15%	6%	15.2	3/06	2%	5%	13.2
4/99	-17%	58%	11.6	8/01	15%	62%	10.0	12/03	-19%	9%	15.8	4/06	4%	6%	12.9
5/99	-14%	66%	13.2	9/01	28%	95%	7.7	1/04	-27%	-12%	15.8	5/06	6%	16%	11.9
6/99	-17%	71%	13.7	10/01	30%	81%	9.0	2/04	-36%	-16%	14.6	6/06	4%	22%	11.9
7/99	-17%	65%	13.2	11/01	23%	86%	12.3	3/04	-29%	-7%	14.3	7/06	1%	42%	10.9
8/99	-16%	66%	11.0	12/01	24%	56%	13.8	4/04	-21%	8%	13.4	8/06	-7%	38%	11.6
9/99	-13%	75%	11.3	1/02	27%	58%	13.7	5/04	-18%	15%	12.8	9/06	-15%	15%	11.6
10/99	-17%	71%	11.2	2/02	27%	76%	13.7	6/04	-19%	15%	12.2	10/06	-9%	13%	12.0
11/99	-15%	69%	12.1	3/02	24%	61%	13.8	7/04	-10%	15%	11.7	11/06	-11%	5%	12.1
12/99	-18%	90%	13.6	4/02	38%	75%	13.3	8/04	-8%	27%	11.3	12/06	-11%	7%	11.8
1/00	-15%	83%	13.3	5/02	43%	91%	12.7	9/04	-5%	32%	11.5	1/07	-9%	13%	12.1
2/00	-12%	108%	14.1	6/02	52%	87%	11.3	10/04	-8%	22%	12.0	2/07	-3%	11%	11.9
3/00	-21%	86%	14.3	7/02	60%	117%	10.0	11/04	-7%	19%	12.4	3/07	-1%	28%	11.7
4/00	-20%	82%	13.6	8/02	61%	108%	10.2	12/04	-8%	25%	13.1	4/07	-6%	9%	11.6
5/00	-16%	101%	13.9	9/02	87%	111%	9.8	1/05	-9%	20%	12.5	5/07	-14%	-8%	13.2
6/00	-18%	114%	13.4	10/02	75%	122%	10.6	2/05	-8%	13%	12.2	6/07	-9%	-2%	12.7
7/00	-14%	109%	12.4	11/02	58%	84%	11.6	3/05	-1%	13%	11.9	7/07	-5%	11%	12.2

**IN 331 5-YEAR TESTS, OVER 32 YEARS IN RISING, FALLING & FLAT MARKETS
ERS'S TECHNOLOGY AVERAGE ANNUAL PROFITS: 99.8% VS 54.3% ON THE S&P INDEX**

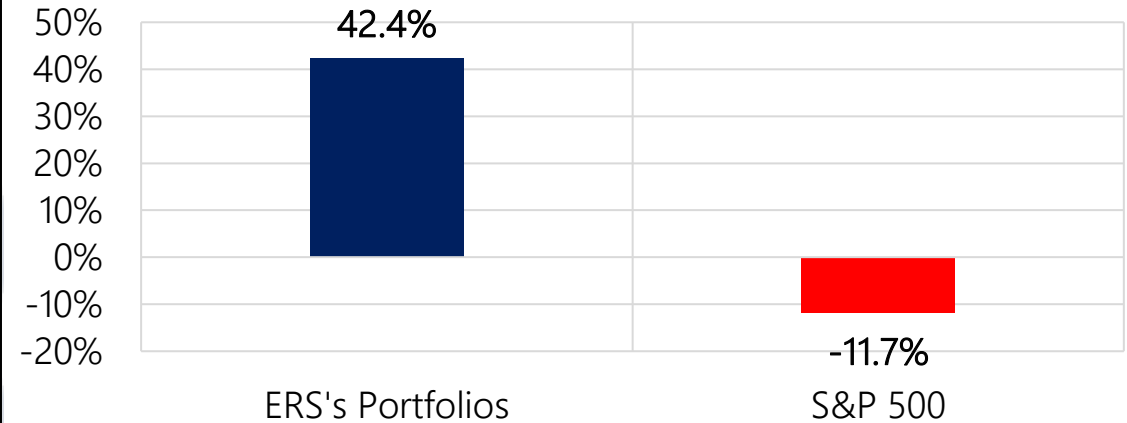
Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI	Date	S&P 500	ERS's Portfolio	Avg. ERI
8/07	-5%	23%	12.3	12/09	85%	137%	12.5	4/12	71%	77%	12.9	8/14	46%	19%	18.2
9/07	-6%	28%	11.9	1/10	86%	123%	12.5	5/12	84%	76%	11.8	9/14	51%	34%	16.6
10/07	-9%	21%	12.1	2/10	91%	131%	13.2	6/12	78%	63%	12.3	10/14	51%	43%	15.9
11/07	-4%	27%	12.3	3/10	77%	120%	13.6	7/12	79%	72%	12.3	11/14	52%	37%	18.2
12/07	-3%	28%	12.4	4/10	76%	113%	13.5	8/12	76%	61%	13.2	12/14	57%	27%	17.7
1/08	9%	34%	10.8	5/10	93%	140%	12.2	9/12	75%	103%	13.2	1/15	62%	33%	16.7
2/08	14%	47%	10.8	6/10	100%	156%	10.9	10/12	82%	128%	13.1	2/15	40%	11%	19.8
3/08	19%	50%	10.0	7/10	91%	147%	11.3	11/12	87%	112%	14.1	3/15	25%	-8%	18.7
4/08	15%	41%	10.6	8/10	88%	109%	10.2	12/12	87%	122%	14.1	4/15	40%	6%	17.8
5/08	16%	46%	11.9	9/10	68%	74%	11.5	1/13	88%	126%	15.6	5/15	44%	20%	20.1
6/08	25%	65%	10.1	10/10	76%	70%	12.3	2/13	79%	121%	15.5	6/15	50%	35%	18.8
7/08	33%	82%	9.9	11/10	76%	66%	12.4	3/13	68%	96%	15.6	7/15	55%	42%	18.0
8/08	27%	54%	10.6	12/10	63%	55%	13.0	4/13	66%	108%	15.7	8/15	77%	49%	17.8
9/08	44%	82%	8.5	1/11	51%	43%	13.4	5/13	66%	89%	17.2	9/15	75%	69%	16.2
10/08	81%	133%	6.6	2/11	46%	27%	13.0	6/13	69%	99%	16.7	10/15	57%	56%	17.0
11/08	101%	164%	6.3	3/11	55%	35%	12.4	7/13	67%	105%	17.6	11/15	74%	55%	19.4
12/08	105%	159%	6.4	4/11	51%	29%	12.5	8/13	78%	107%	17.4	12/15	84%	73%	18.4
1/09	116%	173%	5.9	5/11	56%	36%	11.3	9/13	73%	99%	18.0	1/16	91%	100%	16.7
2/09	153%	173%	7.1	6/11	59%	44%	11.5	10/13	54%	75%	18.6	2/16	97%	122%	18.0
3/09	135%	164%	7.1	7/11	68%	49%	11.1	11/13	53%	54%	19.3	3/16	93%	93%	18.9
4/09	116%	116%	8.1	8/11	78%	59%	10.2	12/13	36%	27%	19.9	4/16	102%	121%	18.0
5/09	109%	137%	9.2	9/11	92%	65%	8.7	1/14	52%	38%	18.5	5/16	100%	109%	19.3
6/09	113%	105%	8.7	10/11	70%	38%	10.3	2/14	50%	21%	19.5	6/16	105%	143%	18.4
7/09	96%	100%	9.8	11/11	76%	70%	10.9	3/14	51%	24%	17.8				
8/09	96%	136%	10.8	12/11	78%	75%	10.8	4/14	56%	36%	17.6				
9/09	87%	124%	11.2	1/12	74%	55%	12.0	5/14	43%	20%	17.6				
10/09	95%	143%	10.9	2/12	73%	44%	13.4	6/14	50%	27%	17.3				
11/09	89%	145%	12.1	3/12	68%	53%	13.5	7/14	54%	28%	16.4				

BENCHMARK STUDY RESULTS

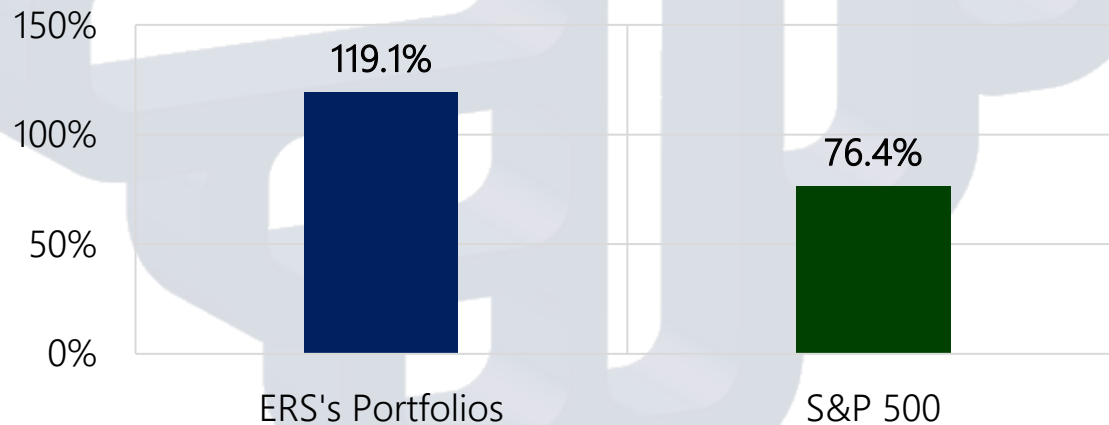
Number of 5-Year Losses



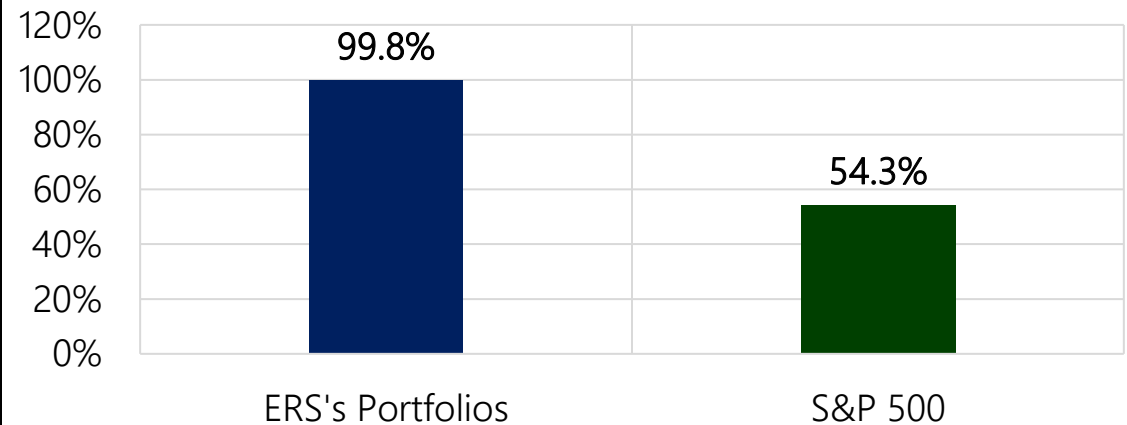
Average Performance During 83 Falling Periods



Average Performance During 248 Rising Periods



Average Performance During All 331 Periods



CONCLUSIONS

ERS's Portfolios



Greatly Reduces Losses

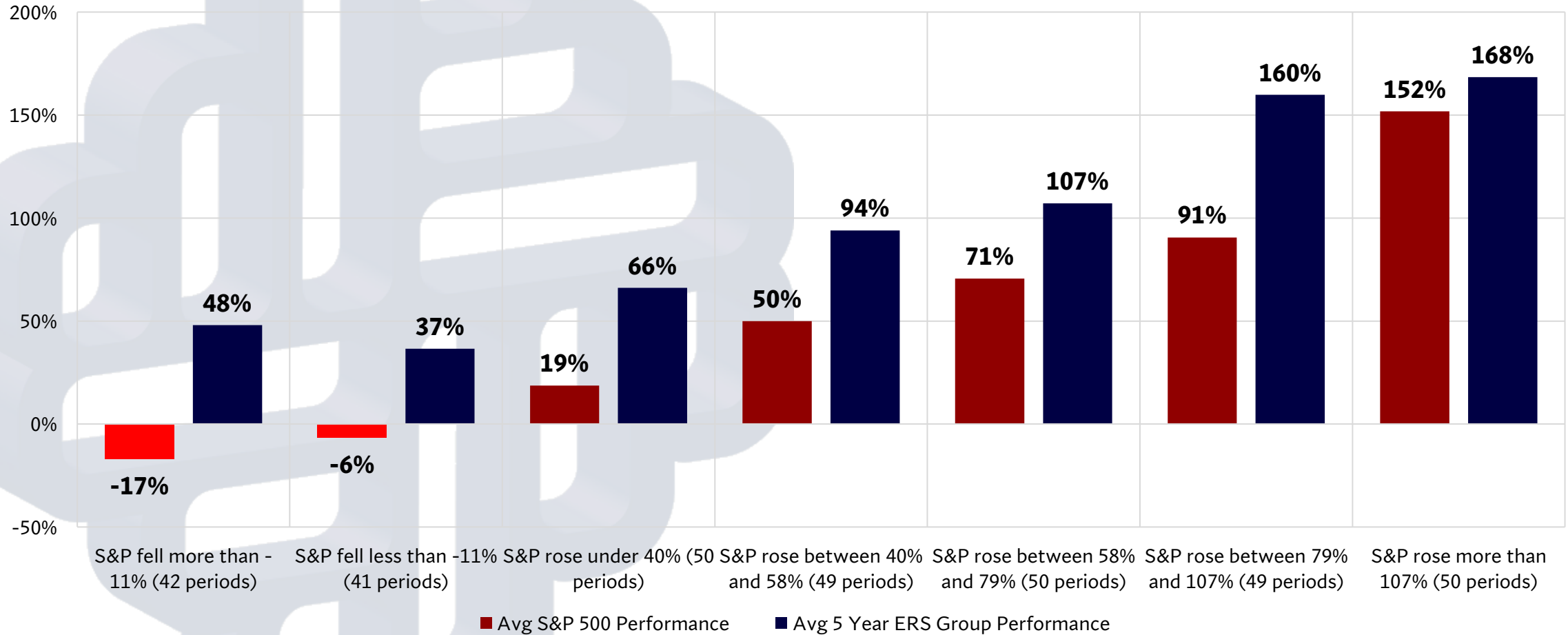


Greatly Improves Profitability

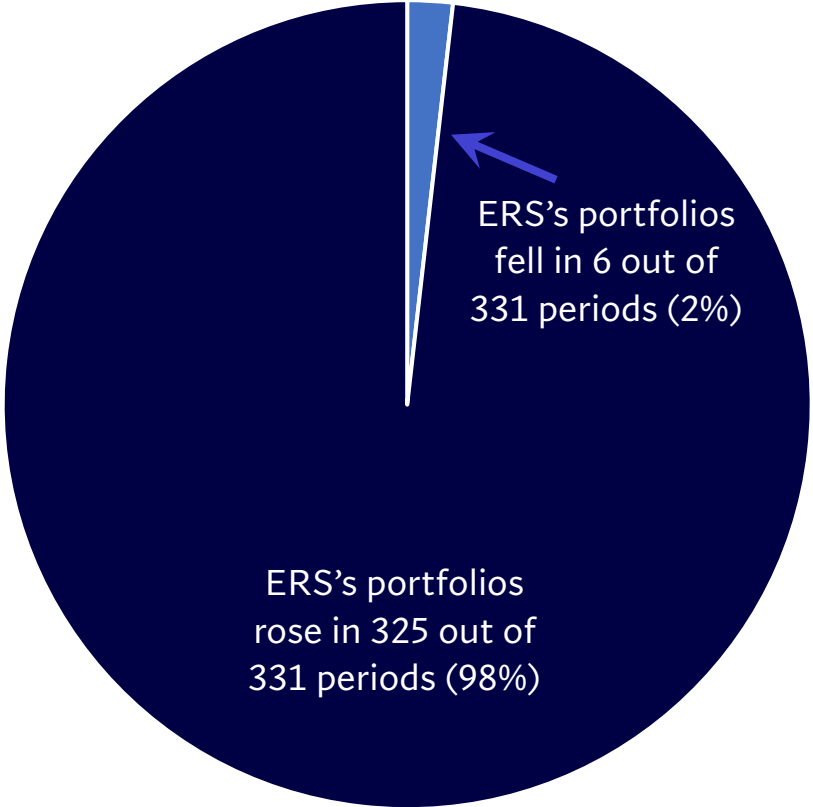
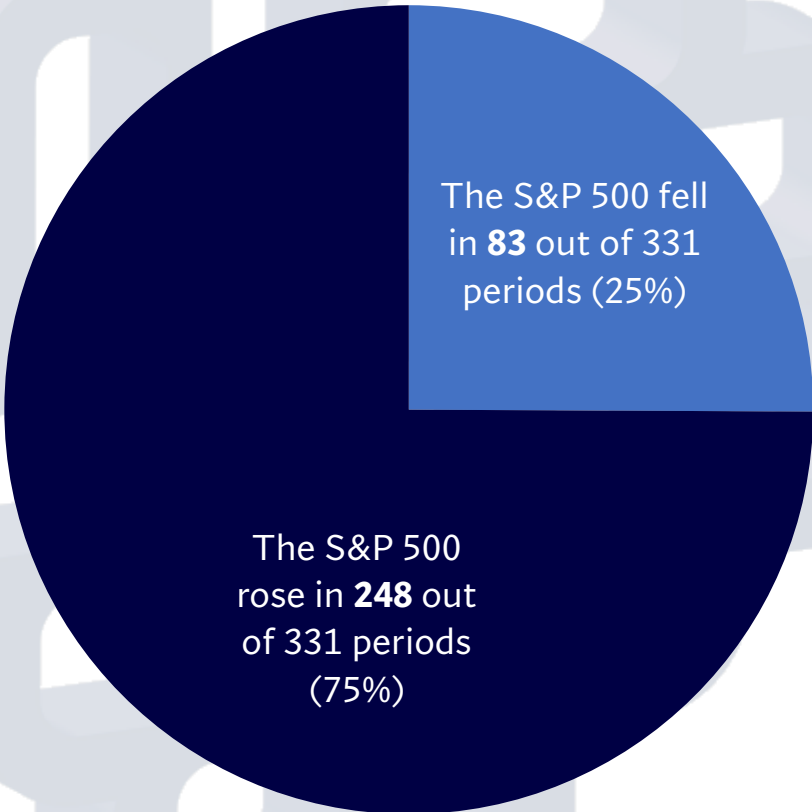


No other research that we know of is as reliable or as valuable.

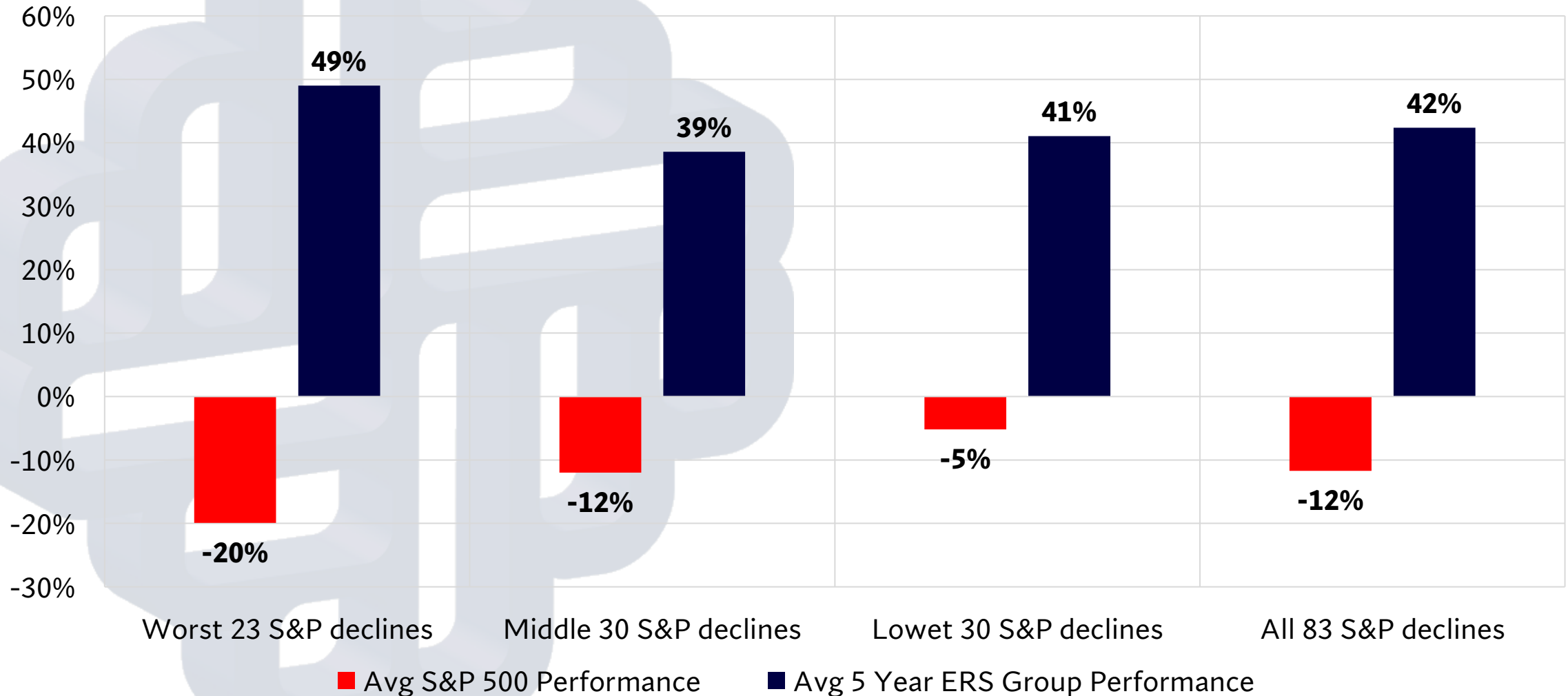
THE ALPHA OF ERS'S PORTFOLIOS BY 7 CATEGORIES



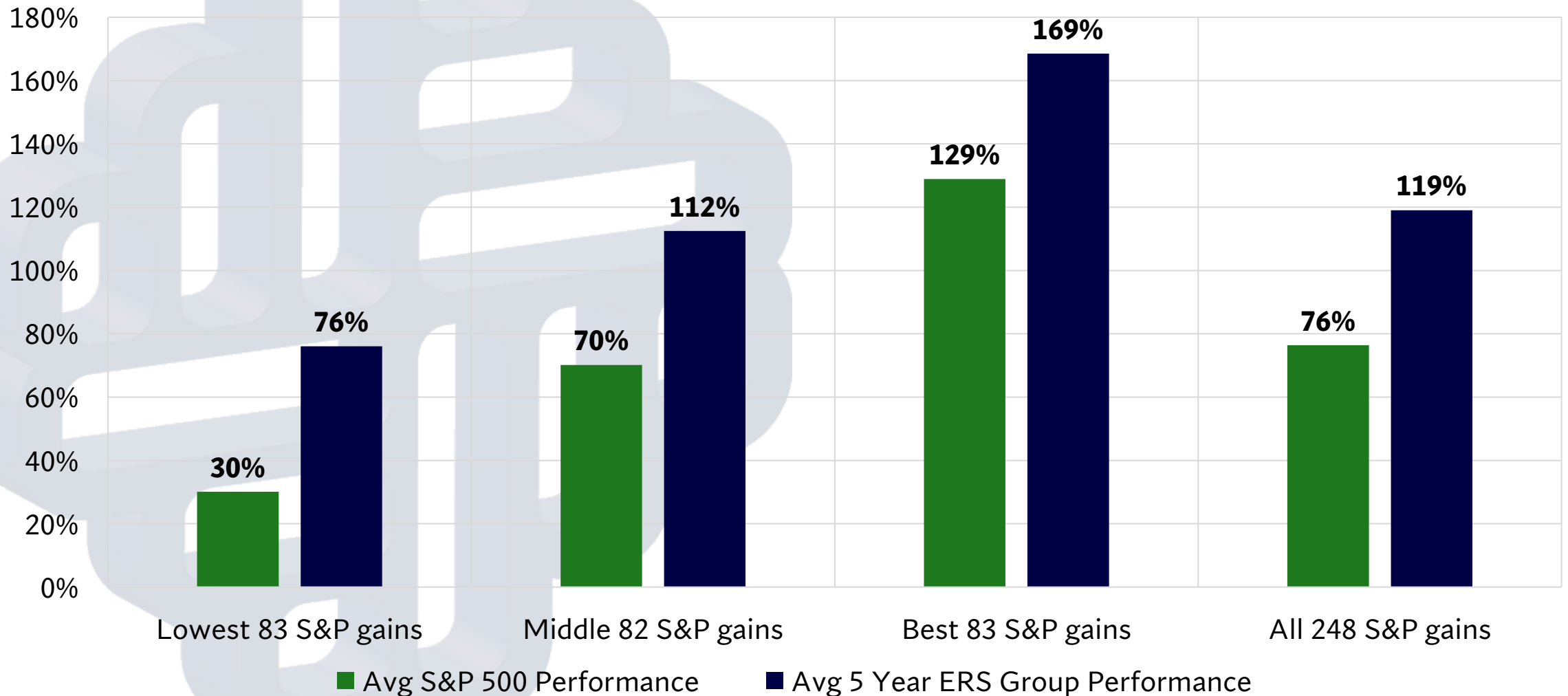
ERS's PORTFOLIOS PROVIDED CONSISTENT PROFITABILITY



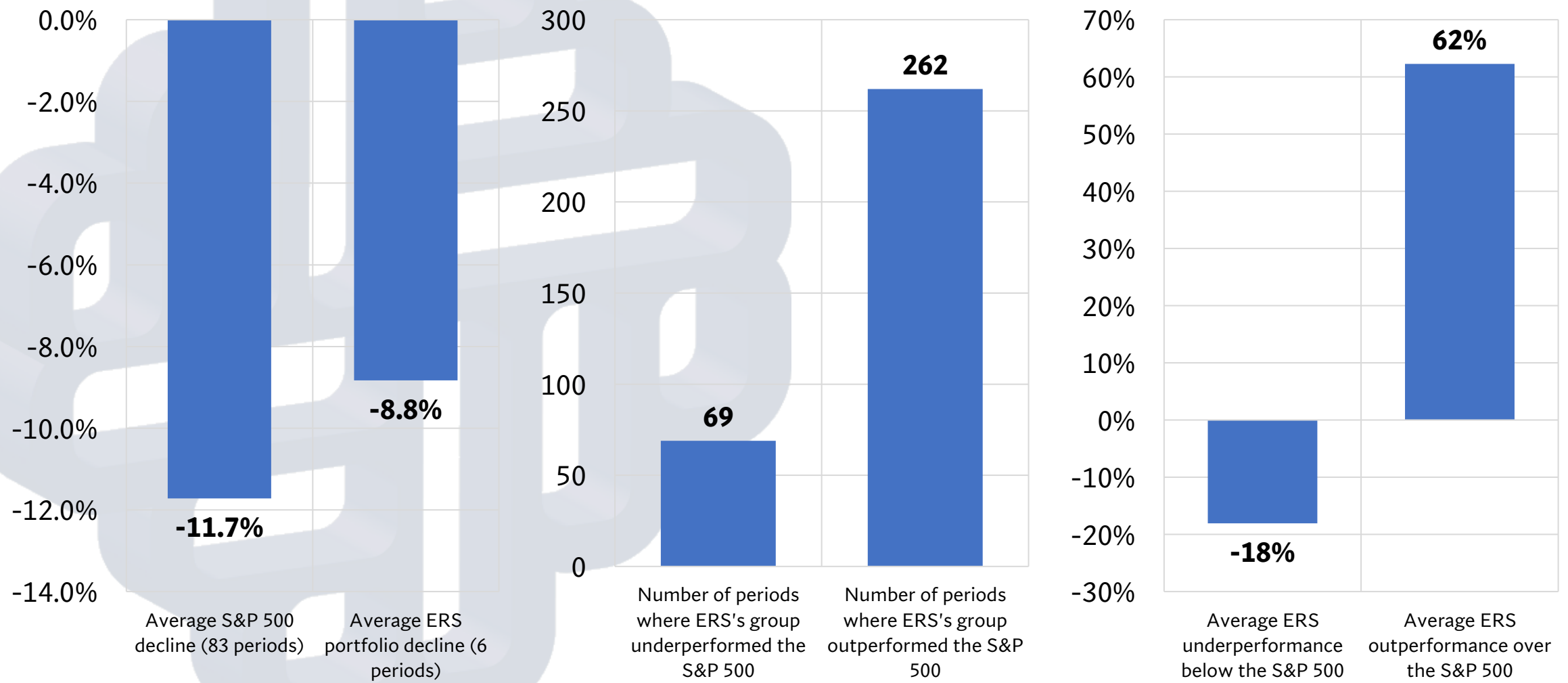
IN THE 83 PERIODS WHEN THE S&P 500 FELL, ERS'S PORTFOLIOS OUTPERFORMED



IN THE 248 PERIODS WHEN THE S&P 500 ROSE, ERS'S PORTFOLIOS OUTPERFORMED

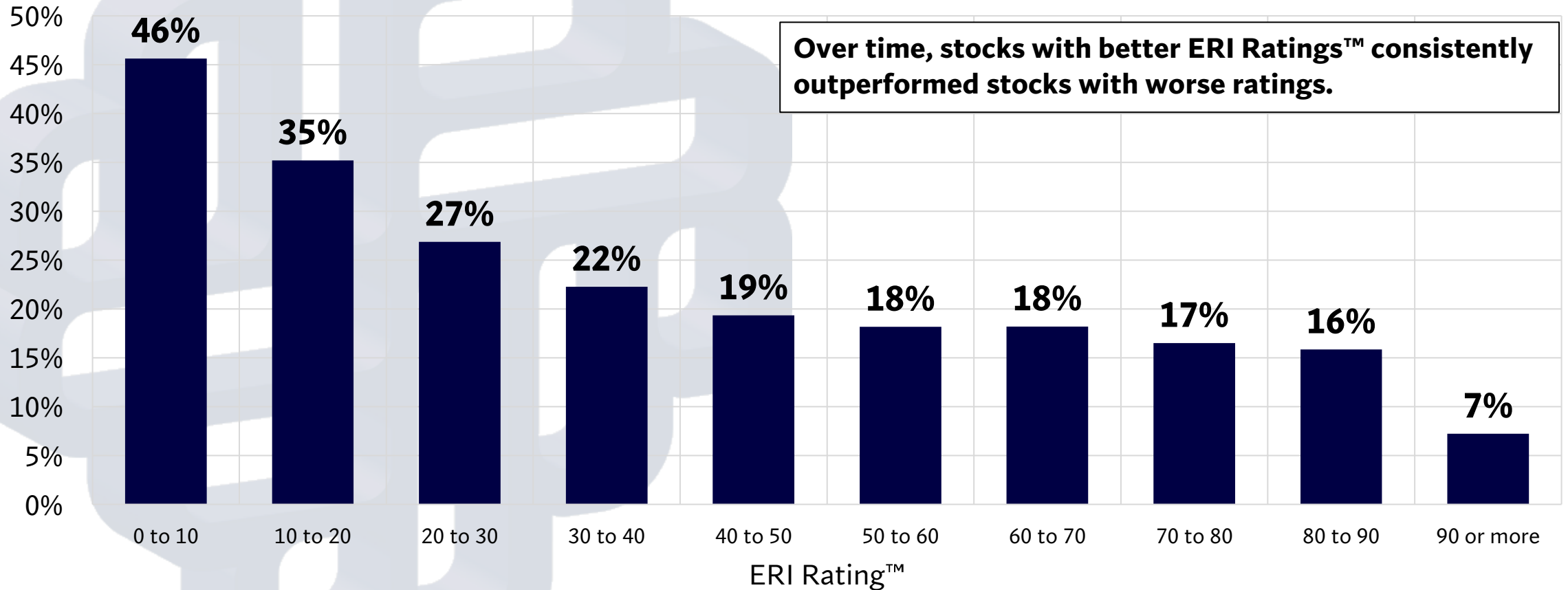


AVERAGE ALPHA OF ERS'S PORTFOLIOS



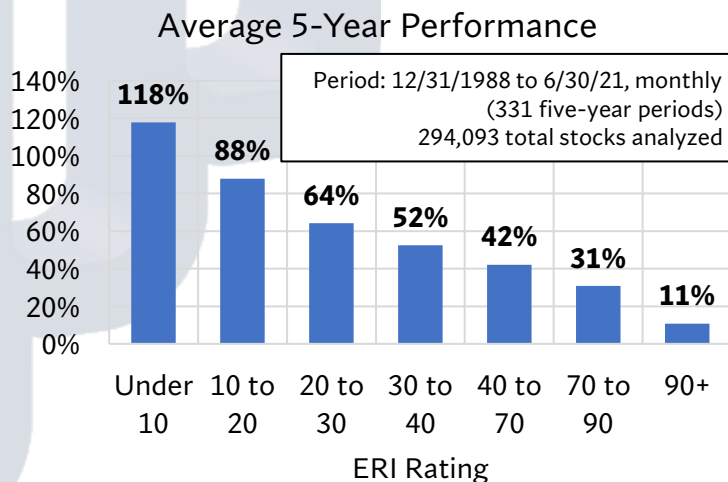
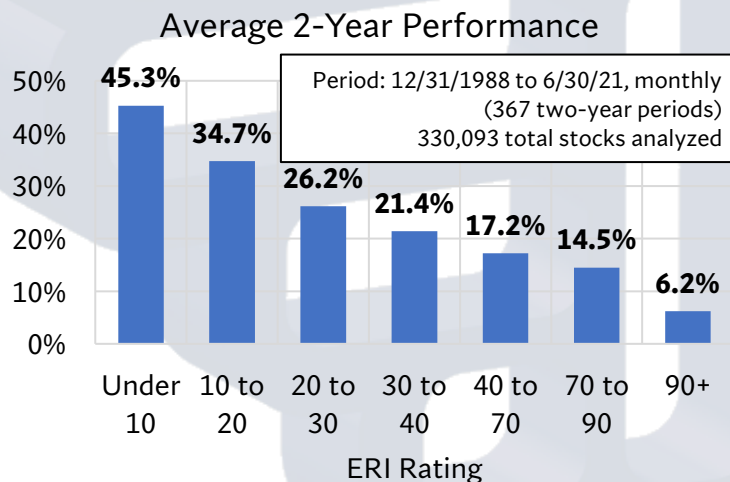
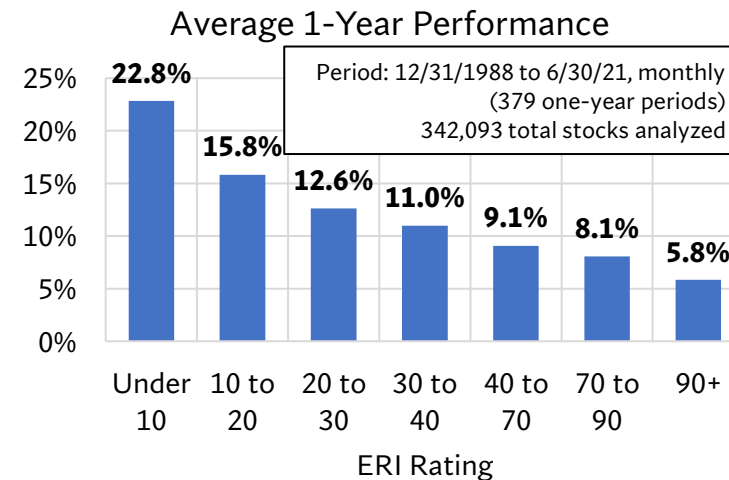
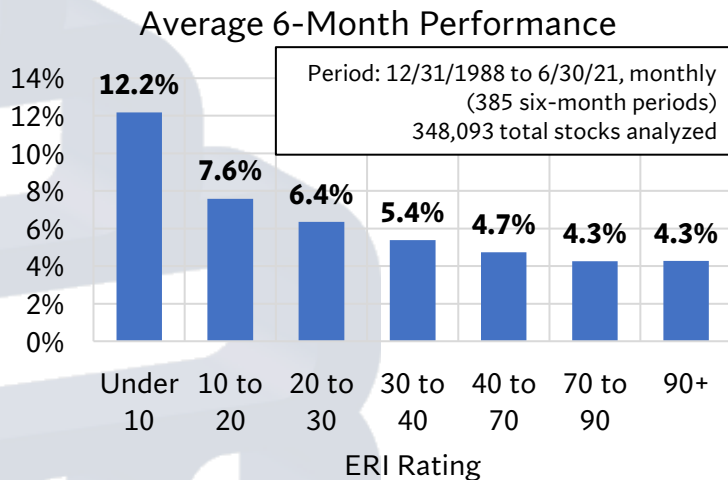
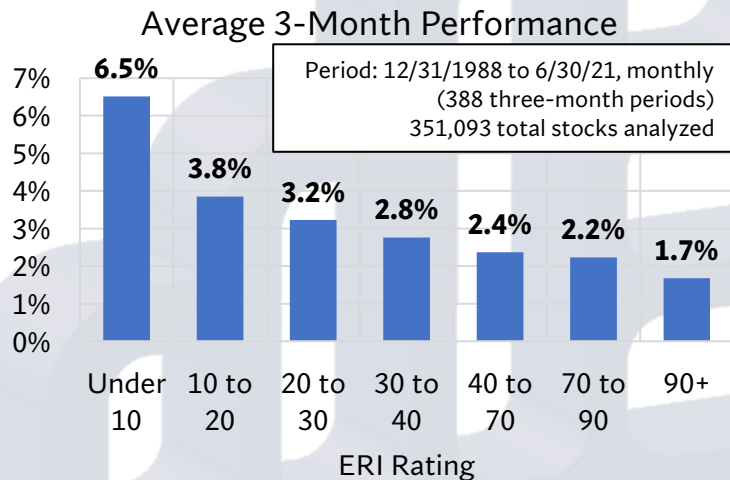
ERS'S RATINGS ADD SIGNIFICANT VALUE IN RISING AND FALLING MARKETS

Average 2-Year Buy-and-Hold Return over 32 ½ Years



**Study included 3,722 companies rated a total of 330,093 times at the end of each month between 12/31/1988 and 6/30/2019, a total of 367 periods.*

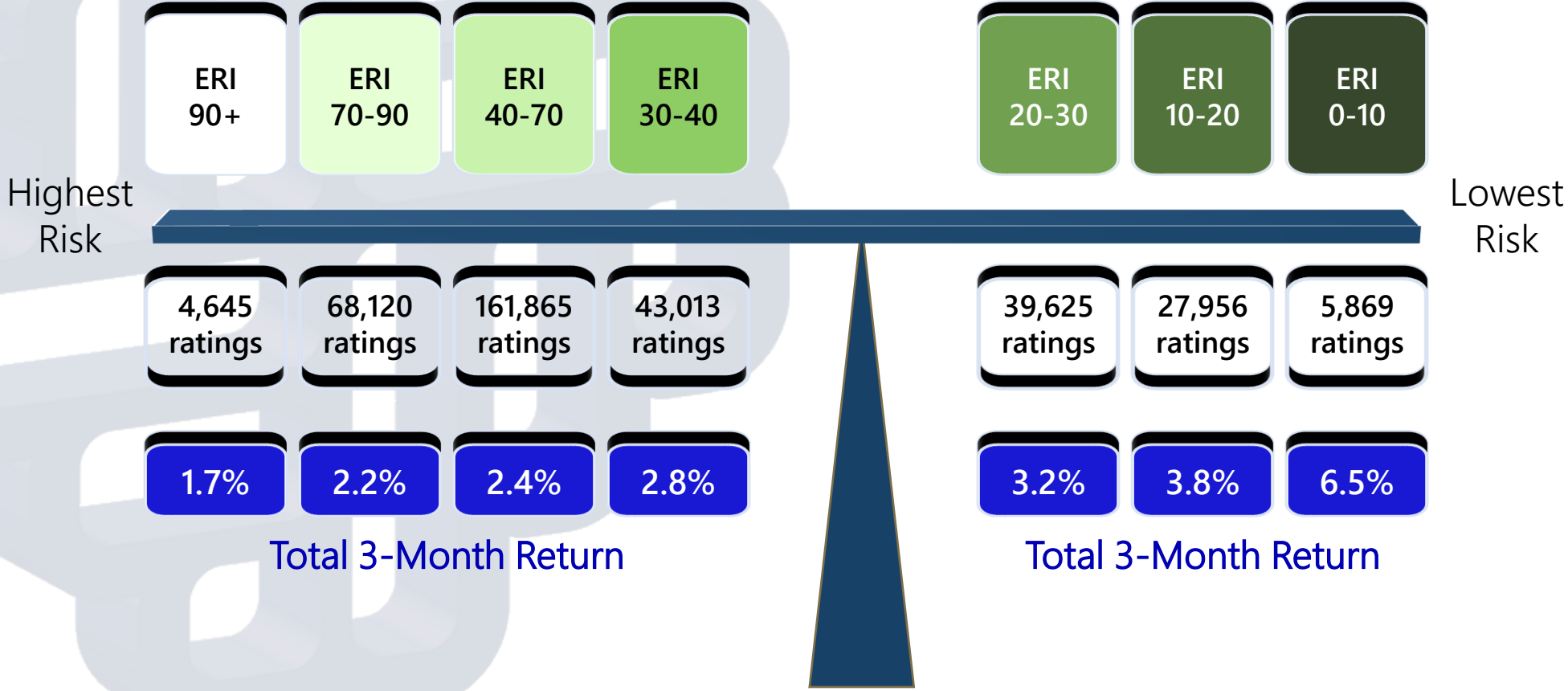
THE RELATIONSHIP BETWEEN SAFER RISK RATINGS AND STRONGER GAINS



- ### Notes
- 1) These stocks were sampled monthly over the 32.5 years from 12/31/88 to 6/30/21, spanning as many as 351,093 ratings over as many as 388 periods.
 - 2) Each of the seven groups were stratified based on ERS's proprietary ERI Ratings for each stock in each period.
 - 3) ERS's proprietary ratings were created based on Raymond Mullaney's 45 years of investment experience and 9 years of study and testing by Thomas Harpin.

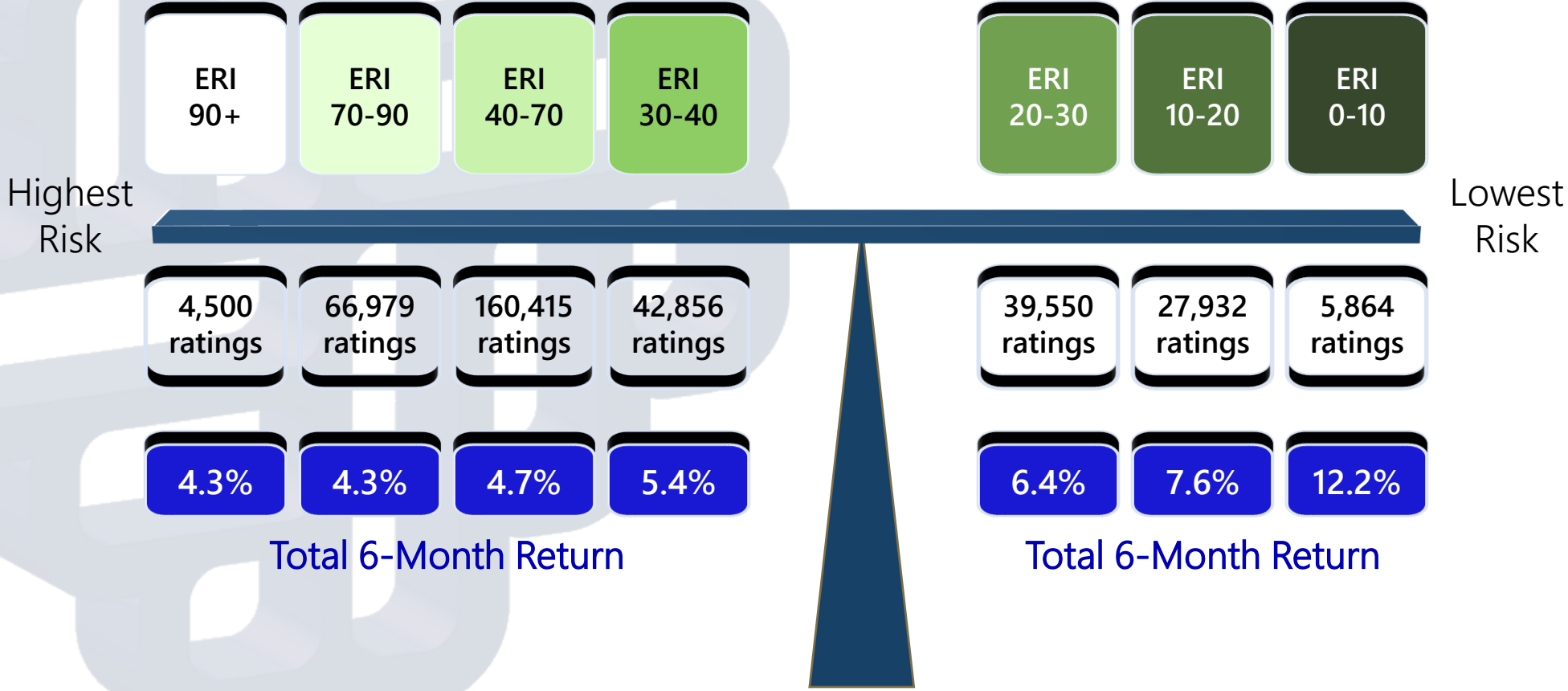
MEASURING THE 3-MONTH EFFICACY OF ERS'S ERI RATING™

Study Period: 12/31/1988 to 6/30/2021 (32 years)
Total Number of Ratings: 351,093



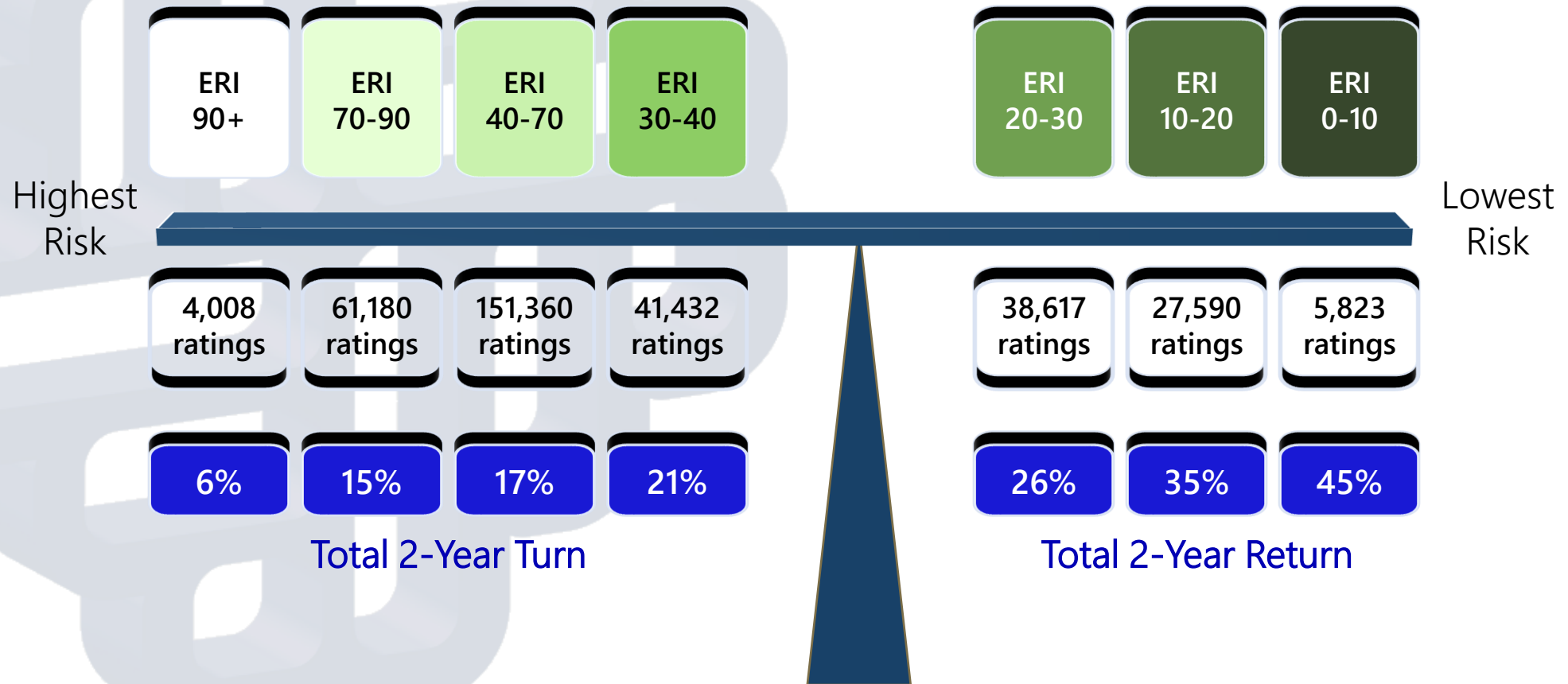
MEASURING THE 6-MONTH EFFICACY OF ERS'S ERI RATING™

Study Period: 12/31/1988 to 6/30/2021 (32 years)
 Total Number of Ratings: 348,093



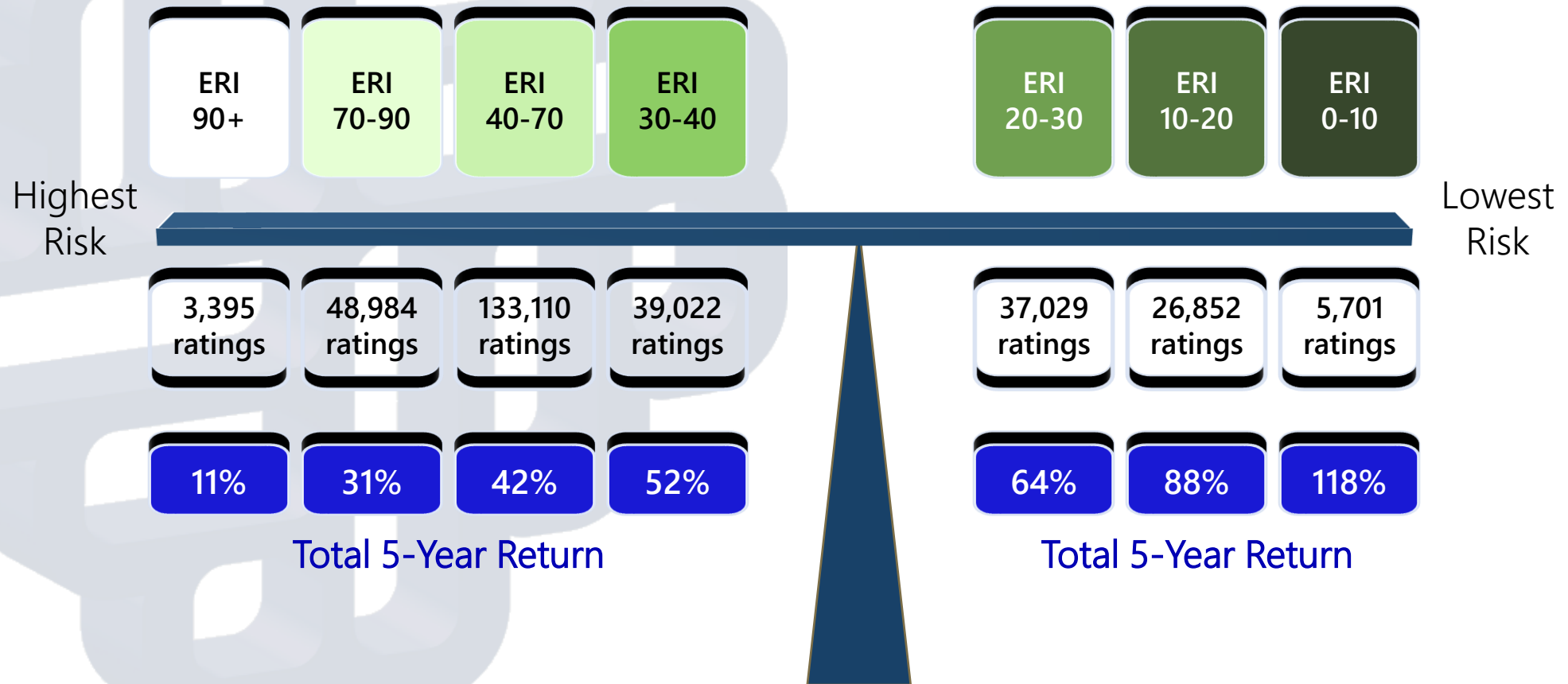
MEASURING THE 2-YEAR EFFICACY OF ERS'S ERI RATING™

Study Period: 12/31/1988 to 6/30/2021 (32 years)
Total Number of Ratings: 330,093



MEASURING THE 5-YEAR EFFICACY OF ERS'S ERI RATING™

Study Period: 12/31/1988 to 6/30/2021 (32 years)
Total Number of Ratings: 294,093



DISCLAIMER & FORWARD-LOOKING LANGUAGE

This presentation shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of these securities in any jurisdiction in which such offer, solicitation or sale would be unlawful. Nothing contained in this presentation should be construed as legal, tax, financial, investment, or other advice.

In addition to historical information, this presentation contains statements relating to the future business performance, future catalysts and future events or developments, strategy, prospects, plans, objectives of management and future operations, and expected market growth of Equity Risk Sciences, Inc. (the “Company,”) that may constitute “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995. The words “believe,” “can make,” “intend,” “could,” “currently,” “will,” “expect” and similar expressions, as they relate to us, are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. Important factors that could cause actual results to differ from those in the forward-looking statements include but are not limited to the successful commercialization of our risk rating system and solutions, development of our sales and marketing capabilities, our ability to retain key management personnel including our Founder Ray Mullaney as well as Thomas Harpin, acceptance of our solutions by potential customers, the ability of our risk rating systems and solutions to provide valuable information related to a company’s stock price, and intellectual property litigation, and our ability to raise capital necessary for ongoing operations. The statements made herein speak only as of the date of this presentation. The Company’s actual results, performance or achievements could differ materially from the results expressed in, or implied by, these forward-looking statements. The Company undertakes no obligation to update or revise its forward-looking statements to reflect events or circumstances after the date of this presentation, except as required by law.

Market data and industry information used herein are based on our management's knowledge of the industry and the good faith estimates of management. We also relied, to the extent available, upon managements review of independent industry surveys, forecasts and publications and other publicly available information prepared by a number of third-party sources. All of the market data and industry information used herein involves a number of assumptions and limitations which we believe to be reasonable, and you are cautioned not to give undue weight to such estimates. Although we believe that these sources are reliable, we cannot guarantee the accuracy or completeness of this information, and we have not independently verified this information. Projections, assumptions and estimates of our future performance and the future performance of the industry in which we operate are subject to a high degree of uncertainty and risk due to a variety of factors, including those described, above. These and other factors could cause results to differ materially from those expressed in our estimates and beliefs and in the estimates prepared by independent parties. In all cases, you should conduct your own investigation and analysis of the Company and the information contained in this presentation. All estimates and forecasts are subject to change and past results are not necessarily an indication of future performance.