

# All Assets RORO Rotation Model (No UGA and GBTC)

	<u>Model</u>	<u>S&amp;P 500</u>		<u>Model</u>	<u>S&amp;P 500</u>		<u>Model</u>	<u>S&amp;P 500</u>
			<b>Annual Returns</b>			<b>Compound Annual Growth</b>		
Sharpe	1.46	0.59	2002	2.51	-22.10	Inception	15.62	9.60
Skew	0.26	-0.77	2003	37.32	28.69	20 Year	15.33	10.67
Kurtosis	0.54	1.54	2004	18.95	10.88	15 Year	12.63	14.21
Max drawdown	-10.96	-50.95	2005	15.13	4.91	10 Year	13.40	13.35
Up Capture	0.79		2006	21.94	15.79	5 Year	18.27	15.77
Down Capture	0.33		2007	24.06	5.49	3 Year	11.08	11.44
Alpha	10.66		2008	7.99	-37.00			
Beta	0.48		2009	50.89	26.47	<b>Standard Deviation History</b>		
Up Beta	0.67		2010	17.59	15.06	Inception	10.74	16.27
Down Beta	0.14		2011	6.46	2.11	20 Year	10.94	16.24
Correlation	0.71		2012	11.06	16.00	15 Year	10.24	15.55
Up Correlation	0.66		2013	10.23	32.39	10 Year	9.59	16.44
Down Correlation	0.21		2014	10.42	13.69	5 Year	12.24	19.70
Positive months	183	184	2015	2.23	1.38	3 Year	10.82	18.69
Negative months	92	91	2016	15.01	11.96			
Win rate	66.55	66.91	2017	10.17	21.83	<b>Average Monthly Returns</b>		
			2018	2.54	-4.38	January	1.26	-0.11
Positive quarters	71	67	2019	14.14	31.49	February	0.74	0.12
Negative quarters	20	24	2020	47.72	18.40	March	1.23	1.36
Win rate	78.02	73.63	2021	18.13	28.71	April	1.84	1.59
			2022	9.37	-18.11	May	0.92	0.73
Positive years	22	18	2023	10.94	26.29	June	0.18	-0.19
Negative years	0	4	2024-11	7.83	28.07	July	1.70	1.76
Win Rate	100.00	81.82				August	0.67	0.27
						September	0.70	-1.03
<b>Range of Historical Rolling CAGRs:</b>						October	1.51	1.33
Best 1-year	57.53	56.35				November	1.82	2.51
Worst 1-year	-1.81	-43.32				December	1.97	0.84
Best 3-year	28.52	26.07				May-Oct	4.17	1.54
Worst 3-year	6.17	-15.11				Nov-Apr	10.37	7.63
Best 5-year	25.55	23.00						
Worst 5-year	6.99	-6.64						
Best 10-year	21.04	16.67						
Worst 10-year	9.42	2.92						

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