

# Equity ETF Growth Model

	<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	0.65	0.50	1999	21.42	21.06	Inception	11.66	8.27
Skew	-0.81	-0.67	2000	3.08	-9.09	25 Year	11.54	8.04
Kurtosis	2.71	1.12	2001	-7.07	-11.86	20 Year	13.37	10.64
Max drawdown	-53.57	-50.95	2002	-15.47	-22.10	15 Year	19.43	14.37
Up Capture	1.05		2003	36.69	28.69	10 Year	20.62	13.76
Down Capture	0.90		2004	12.89	10.88	5 Year	26.67	15.17
Alpha	3.39		2005	2.08	4.91	3 Year	16.95	11.91
Beta	0.97		2006	8.19	15.79			
Up Beta	0.94		2007	10.13	5.49	<b>Standard Deviation History</b>		
Down Beta	1.00		2008	-40.06	-37.00	Inception	17.94	16.50
Correlation	0.90		2009	12.27	26.47	25 Year	18.01	16.58
Up Correlation	0.78		2010	25.29	15.06	20 Year	18.00	16.24
Down Correlation	0.78		2011	-1.88	2.11	15 Year	16.55	15.53
Positive months	196	202	2012	20.09	16.00	10 Year	17.37	16.42
Negative months	117	111	2013	35.55	32.39	5 Year	20.61	19.77
Win rate	62.62	64.54	2014	12.16	13.69	3 Year	19.85	18.26
			2015	-1.03	1.38			
Positive quarters	72	74	2016	31.40	11.96	<b>Average Monthly Returns</b>		
Negative quarters	32	30	2017	18.98	21.83	January	0.31	0.10
Win rate	69.23	71.15	2018	0.40	-4.38	February	0.59	-0.46
			2019	26.72	31.49	March	1.37	1.46
Positive years	20	20	2020	44.35	18.40	April	1.46	1.72
Negative years	6	6	2021	36.89	28.71	May	1.35	0.50
Win Rate	76.92	76.92	2022	-2.60	-18.11	June	0.17	0.04
			2023	33.03	26.29	July	1.83	1.34
Positive positions	350		2024	22.04	25.02	August	0.44	0.21
Average gain	8.12		2025-01	3.56	2.78	September	-1.22	-1.55
Negative positions	171					October	0.88	1.47
Average loss	-6.69					November	2.87	2.26
Trades	483					December	1.00	0.89
... per month	1.54							
						May-Oct	2.56	0.53
						Nov-Apr	8.49	7.44
<b>Range of Historical Rolling CAGRs:</b>								
Best 1-year	99.61	56.35						
Worst 1-year	-45.34	-43.32						
Best 3-year	35.79	26.07						
Worst 3-year	-17.17	-16.08						
Best 5-year	28.20	23.00						
Worst 5-year	-8.09	-6.64						
Best 10-year	22.25	16.67						
Worst 10-year	-0.68	-3.43						

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