

Data Mining Within SectorSurfer

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What is Data Mining?

- Computational process of discovering patterns in large data sets.
- Goal is to extract information from a data set and transform it into an understandable structure for future use.
- The key term is “discovery”– commonly defined as “detecting something new.”

➤ (Wikipedia - The Free Encyclopedia)

Finding Data Within SectorSurfer

- ▶ Where is there a large body of data to mine within SectorSurfer?
- ▶ Joe's Information Vault for Everyone (JIVE) created manually in Dec. 2012 to provide large body of data. (See "JIVE" in Users Group.)
- ▶ JIVE automated in late 2012 by Scott Juds and is now available in the Hall of Fame tab.
- ▶ All strategy information / data for each H of F strategy is now captured daily in SectorSurfer.



Strategy Hall Of Fame

Best Performing & Most Widely Held

See Also:
[Example Public Strategies](#) ▶

Sharing Great Strategies

This page is dedicated to sharing or finding high performance True Sector Rotation Strategies developed by other members. It includes investment strategies for stocks, ETFs, and mutual funds, and includes a performance ranking for the safest conservative retirement investment strategies. Conservative strategy rankings consider return reliability and drawdown characteristics.

Strategies are evaluated nightly and included in the Strategy Hall of Fame according to the rules posted below.

- Only Active Strategies that people actually use are included — no experimental strategies from the Sandbox section.
- Only Strategies with names that do not begin with "My " will be included — use the "My " prefix to retain privacy.
- Only the two best minor variations of an excellent Strategy will be listed to ensure that a greater variety can be shown.

Top Performers by Category (click chart to enlarge)



Strategy Hall of Fame Listings

[Download HallOfFameData.csv](#)

Safety

Mutual Funds

ETFs

TopDog Stocks

Ultra/Inverse

Widely Held

JIVE – Hall of Fame Data File

- ▶ Is a “vault” of useful information for users of SS.
- ▶ Selects all information from SS strategy charts.
- ▶ Gives us ability to compare details from numerous strategy charts in one spreadsheet.
- ▶ Do not have to rely on “SafetyScore” alone.
- ▶ Has the ability to analyze all critical details before selecting best strategy for our financial needs.
- ▶ Gives us capability of sorting all info. by column.
- ▶ Is an automated feature for SectorSurfer users.

How JIVE (CSV File) is Formatted

- Massive Excel spreadsheet (~ 7,300 cells)
- All Hall of Fame Strategies are provided. (~ 166)
- Data is sortable using Excel “sorting” feature.
- Approximately 42 different characteristics are captured and displayed for each strategy.

JIVE (ETF Selection) – Left View

SectorSurfer Strategy Hall Of Fame Data for 02/01/2013 09:05 PM

Type	Score	Safety	Strategy Name	User Name	Fre	Date Start	Date BornOn	Date LastTrade	Trades perYear	Trade Hold	TheRef Fund	TheRef Rtn.MaxYr	Strategy Rtn.MaxYr
ETFs	195.8	41.0	SectorVarious1	milord27	--	12/22/1998	1/10/2013	1/31/2013	4.0	Auto	S&P500	3.4	39.8
ETFs	171.7	7.1	***1--my mixed etf strat 11	ltplan12	--	12/22/1998	12/3/2012	8/31/2012	3.6	Auto	S&P500	3.4	36.6
ETFs	169.0	13.1	ETF X-3a /d	ATOMICTACO	--	3/19/1996	11/27/2012	12/31/2012	2.8	Mo.End	S&P500	7.0	33.6
ETFs	161.3	9.0	Mixed ETFs	dshute	--	12/22/1998	10/18/2012	1/31/2013	3.6	Auto	S&P500	3.4	33.7
ETFs	159.6	8.5	LongTerm Mixed (Region/Se	tcloy	--	12/22/1998	11/19/2012	1/31/2013	3.4	Auto	S&P500	3.4	33.0
ETFs	149.2	71.8	ETF Strategy #2	Trend2000	--	6/16/2000	9/16/2012	9/28/2012	3.7	Mo.End	S&P500	2.1	29.7
ETFs	143.1	53.6	World Regions Sectors /d	keystonecfn	--	12/22/1998	12/20/2012	1/31/2013	3.8	Auto	S&P500	3.4	31.8
ETFs	136.8	13.2	Sector Strategy One	gjf11504	--	12/22/1998	8/29/2012	1/31/2012	2.0	Mo.End	S&P500	3.4	26.2
ETFs	134.5	9.1	ETF Alt	langenau	--	12/22/1998	1/12/2013	11/30/2012	3.9	Auto	S&P500	3.4	28.8
ETFs	130.1	11.7	Mixed Strategy 2 /d	WAHMof2	--	3/19/1996	1/31/2013	10/31/2012	1.4	Mo.End	AGG	7.0	31.1
ETFs	126.6	1.2	Sandis Roth	wjholst	--	12/22/1998	1/30/2013	12/21/2011	2.6	AnyDay	S&P500	3.4	26.7
ETFs	124.4	3.0	SectorVarious1	WAHMof2	--	12/22/1998	1/31/2013	1/31/2013	3.6	Auto	S&P500	3.4	32.4
ETFs	123.1	51.8	ETF - 3 mod/d	hwssnw	--	3/11/1999	9/30/2012	11/30/2012	3.2	Mo.End	S&P500	2.9	32.8
ETFs	123.1	51.8	ETF - 3 mod/d	tgm1207	--	3/11/1999	7/2/2012	11/30/2012	3.2	Mo.End	S&P500	2.9	32.8
ETFs	121.7	38.8	ETF Sectors	largo	--	12/22/1998	1/27/2013	12/31/2012	2.9	Mo.End	S&P500	3.4	24.6
ETFs	120.9	70.5	Core	branchja	--	5/26/2000	10/9/2012	1/31/2013	3.6	Auto	S&P500	2.5	27.7
ETFs	119.9	58.4	ETF - 3	dawood	--	3/11/1999	11/30/2012	9/28/2012	3.0	Auto	S&P500	2.9	32.4
ETFs	119.1	32.0	SSRanks1	pstar	--	12/22/1998	9/8/2012	12/31/2012	4.0	Mo.End	S&P500	3.4	26.7
ETFs	118.0	13.3	ETF Kick2 Hedge/id	gjadams98	--	3/19/1996	6/4/2012	10/31/2012	1.4	Auto	S&P500	7.0	34.6
ETFs	113.9	13.7	ETF KickAss-2 Hedge /i	PublicPaid	--	3/19/1996	11/8/2011	10/31/2012	1.4	Mo.End	S&P500	7.0	34.9
ETFs	113.6	9.5	Mixed Strategy 1 /d	WAHMof2	--	12/22/1998	1/28/2013	1/31/2013	3.4	Auto	S&P500	3.4	27.3
ETFs	110.7	2.1	dave	rjezzprezz	--	3/18/1996	1/29/2013	12/7/2012	2.2	Wk.End	S&P500	6.9	35.7
ETFs	109.9	61.7	ETF - 3/d	dprelesnik	--	12/22/1998	6/4/2012	11/30/2012	3.6	Auto	S&P500	3.4	28.4
ETFs	108.6	23.1	SMSF SAXO ETF iShares Sect	ivanf	--	12/22/1998	12/3/2012	1/31/2012	2.1	Auto	S&P500	3.4	21.9
ETFs	108.2	51.1	Decision Moose ETFs	allegre	--	3/18/1996	1/31/2013	10/31/2012	3.7	Auto	AGG	6.9	24.8
ETFs	108.0	29.9	ETF X-4 /d	ATOMICTACO	--	8/31/1998	8/1/2012	1/31/2013	4.0	Mo.End	S&P500	5.0	27.6
ETFs	106.9	15.6	ETF (KickAss Mix-2)	gsbakker	--	3/19/1996	10/1/2012	9/28/2012	1.6	Mo.End	S&P500	7.0	28.7
ETFs	106.4	3.7	World ETF	bcgere	--	3/18/1996	9/11/2012	12/31/2012	1.1	Auto	S&P500	6.9	27.7
ETFs	105.5	50.4	Decision Moose ETFs	mceglia13	--	3/18/1996	12/20/2012	1/31/2013	3.8	Auto	S&P500	6.9	24.5
ETFs	101.9	5.2	Rip Tide	Silver	--	12/22/1998	1/6/2013	1/31/2013	2.6	Mo.End	S&P500	3.4	20.6

USE USE USE USE USE USE USE USE

"USE" means use for analysis.

JIVE (ETF Selection) – Center View

TheRef	Strategy	TheRef	Strategy	TheRef	Strategy	Storm			TheRef	Strategy	TheRef	Strategy	TheRef	Strategy
Rtn.10Yr	Rtn.10Yr	Rtn.3Yr	Rtn.3Yr	Rtn.1Yr	Rtn.1Yr	Guard	Alpha	Beta	P15%Loss	P15%Loss	Max.Draw	Max.Draw	RealDraw	RealDraw
7.9	43.1	14.0	81.6	16.5	44.2	1.7	0.39	0.81	0.40	0.01	0.55	0.25	0.44	0.12
7.9	45.3	14.0	81.4	16.5	53.0	1.7	0.36	0.94	0.40	0.05	0.55	0.25	0.47	0.08
7.9	43.8	14.0	75.8	16.5	43.3	1.7	0.34	0.42	0.33	0.02	0.55	0.30	0.44	0.09
7.9	44.5	14.0	76.8	16.5	44.5	1.7	0.34	0.84	0.40	0.05	0.55	0.25	0.47	0.08
7.9	43.4	14.0	76.8	16.5	44.5	1.7	0.33	0.87	0.40	0.05	0.55	0.25	0.44	0.09
7.9	36.1	14.0	60.2	16.5	60.1	1.7	0.30	0.47	0.41	0.00	0.55	0.22	0.44	0.11
7.9	34.3	14.0	54.7	16.5	44.5	1.7	0.31	0.61	0.40	0.01	0.55	0.22	0.47	0.08
7.9	34.9	14.0	62.9	16.5	80.7	1.3	0.24	0.64	0.40	0.02	0.55	0.31	0.45	0.07
7.9	37.1	14.0	62.6	16.5	51.0	1.7	0.27	0.73	0.40	0.05	0.55	0.22	0.47	0.08
7.9	40.6	14.0	43.1	16.5	27.8	1.4	0.29	0.60	0.33	0.00	0.55	0.35	0.42	0.06
7.9	37.5	14.0	65.0	16.5	80.7	1.3	0.25	0.98	0.40	0.07	0.55	0.29	0.41	0.12
7.9	33.7	14.0	49.5	16.5	70.4	1.5	0.30	0.63	0.40	0.06	0.55	0.27	0.44	0.17
7.9	36.5	14.0	35.8	16.5	4.4	1.7	0.32	0.61	0.40	0.01	0.55	0.22	0.44	0.08
7.9	36.5	14.0	35.7	16.5	4.4	1.7	0.32	0.61	0.40	0.01	0.55	0.22	0.44	0.08
7.9	27.8	14.0	49.0	16.5	73.6	1.5	0.22	0.51	0.40	0.00	0.55	0.22	0.42	0.07
7.9	33.5	14.0	41.5	16.5	15.8	1.7	0.28	0.51	0.42	0.00	0.55	0.22	0.44	0.10
7.9	35.9	14.0	33.7	16.5	8.9	1.7	0.31	0.60	0.40	0.01	0.55	0.22	0.44	0.08
7.9	30.6	14.0	48.0	16.5	50.3	1.6	0.27	0.44	0.40	0.03	0.55	0.25	0.41	0.13
7.9	42.2	14.0	26.3	16.5	27.8	0.5	0.36	0.21	0.33	0.00	0.55	0.35	0.35	0.06
7.9	42.8	14.0	22.2	16.5	27.8	0.5	0.36	0.24	0.33	0.00	0.55	0.35	0.35	0.06
7.9	33.0	14.0	46.7	16.5	56.3	1.1	0.26	0.70	0.40	0.05	0.55	0.22	0.46	0.07
7.9	33.8	14.0	30.4	16.5	4.6	3.3	0.39	0.22	0.33	0.06	0.55	0.48	0.42	0.37
7.9	30.6	14.0	31.4	16.5	4.3	1.7	0.28	0.49	0.40	0.00	0.55	0.22	0.46	0.08
7.9	25.5	14.0	44.3	16.5	80.7	1.6	0.19	0.40	0.40	0.01	0.55	0.25	0.33	0.09
7.9	32.5	14.0	37.2	16.5	10.3	1.7	0.25	0.21	0.33	0.00	0.55	0.22	0.47	0.08
7.9	30.3	14.0	34.0	16.5	18.5	1.6	0.27	0.56	0.39	0.01	0.55	0.27	0.46	0.12
7.9	39.4	14.0	31.1	16.5	31.8	1.3	0.26	0.61	0.33	0.01	0.55	0.32	0.40	0.00
7.9	40.5	14.0	41.2	16.5	28.3	1.3	0.25	0.70	0.33	0.05	0.55	0.33	0.43	0.07
7.9	32.0	14.0	35.6	16.5	8.3	1.7	0.25	0.21	0.33	0.00	0.55	0.22	0.45	0.08
7.9	28.2	14.0	46.0	16.5	11.1	1.6	0.23	0.62	0.40	0.03	0.55	0.31	0.43	0.05
	USE		USE		USE	USE	USE	USE		USE		USE		USE

JIVE (ETF Selection) – Right View

Sym-1	Sym-2	Sym-3	Sym-4	Sym-5	Sym-6	Sym-7	Sym-8	Sym-9	Sym-10	Sym-11	Sym-12	StratID
ITB	IBB	GLD	BAL	XLE	EEM	PPH	QQQ	EWV	IWM	REZ	ZROZ	634934463254145533-3961-3-38782
ITB	XLE	PPH	IBB	EWV	EEM	ILF	BAL	QQQ	REZ	GLD	ZROZ	634901054968971250-3817-8-35724
EWV	IYM	QQQ	XLE	EEM	ZROZ	VGK	BAL	ILF	EWK	DGL	ITB	634897689288323750-3595-6-30076
EWV	DBA	IWM	XLE	EEM	ZROZ	IEV	BAL	ILF	REZ	GLD	ITB	634865943896562500-2736-5-33832
EWV	IWM	XLE	TLT	ZROZ	DBA	IEV	BAL	ILF	REZ	GLD	ITB	634889321234062500-3360-7-33491
GLD	TLT	IYR	ITB	RJA	EMLC	IWM	EPP	OIH	IEV	EEM	ILF	634838139514325000-2985-8-20804
EEM	RSP	ZROZ	ILF	EPP	IEV	XLV	QQQ	XLE	IWM	ITB	GLD	634916033843750000-290-4-35861
GLD	XLK	PPH	XLU	XLE	XLV	RKH	RWR	OIH	ITB	DBP	SLV	634818370970292806-3179-6-22880
CARZ	ITB	GLD	IEV	EWV	XLE	EPP	IWM	ILF	DBA	ZROZ	REZ	634936152931236250-1246-9-38229
RSX	XLF	IDX		EWZ	EWY	EWL	XLK	EWK	IYH	SLV		634952894377047967-3301-3-39082
XLK	XLE	EWV	EEM	ITB	IAU	PPH	ILF	IYR	BAL			634951453174463750-3153-2-22415
ITB	IBB	GLD		XLE	EEM	PPH	QQQ	EWV	IWM			634952271022432500-3301-1-23553
TLT	XLE	IWM	IEV	QQQ	ILF	DBA	EPP	GLD	EEM	ZROZ	EDV	634846378921597500-995-4-27099
TLT	XLE	IWM	IEV	QQQ	ILF	DBA	EPP	GLD	EEM	ZROZ		634785094749467500-3620-2-29626
GLD	XLK	PPH	XLU	XLE	IBB	RKH	RWR	IYZ	IYK	KXI	ITB	634949035759776250-4190-1-40264
IWM	SPY	EPP	IEV	ILF	EEM	TLT	EMLC	RJA	GLD	OIH	IYR	634932311420208750-3632-1-33386
TLT	XLE	IWM		QQQ	ILF	DBA	EPP	GLD	IEV	EEM		634900763222408750-2151-4-36144
XLP	BBH	XHB	XLK	SDS	OIH	XLV	EFA	EEM	VPL	VNQ	GLD	634827282918297500-3428-1-25098
EWL	XLF	XLK	IDX	IYH		EWZ	JJP	EWY	EWK	SH-		634771981766737500-2707-7-28902
RSX	XLF	IDX		EWZ	EWY	EWL	XLK	EWK	IYH	JJP	SH-	634645053042547500-2-26-14526
ITB	XLE	PPH	EEM	EWV		ILF	TLT	QQQ	XLB	GLD		634949563970557500-3301-2-23577
RWR	SPY	EWS	EWJ	XLE	EWZ	SLV	PSQ-					634950393600870000-3667-5-32216
TLT	XLE	IWM	VXF	QQQ	ILF	AGG	EPP	GLD	IEV	EEM	EWJ	634743937508750000-1367-2-26826
ITB	IYY	IYK	IYJ	XLK	IYZ	XLV	IYF	IYE	IYT	GLD	IYR	634901665609908750-3557-10-36260
ZROZ	SPY	IWM	GLD	IEV	ILF	EWJ	AXJL		XLE			634953223718968903-3039-6-40010
XLP	BBH	SPY	QQQ	SH-	OIH	XLV	IDX	EEM	VPL	VNQ	GLD	634794350790354874-3595-7-30119
IWB	XLF	IDX	XLY	EWZ	IFAS	EWL	XLK	EWK	IYH	RFQ	RSX	634847173864878750-2902-2-24871
EWZ	EEM	SLV	EPHE	IBB	IYG	IDX	IGV	THD	EWS	EWA	SPY	634829648815485000-3477-10-26705
EDV	SPY	IWM	GLD	IEV	ILF	EWJ	AXJL	KBWY	XLE			634916280441874014-3773-1-37419
XLE	XLP	XLF	XLV	XLI	XLY	XLK	XLU	IYR	SLV	IBB	DBA	634930736809896250-3315-2-24337
USE FOR SEPARATE ANALYSIS											USE AFTER ANALYSIS	

JIVE (ETF Selection) – Data Analysis

SectorSurfer Strategy Hall Of Fame Data for 02/01/2013 09:05 PM

Type	Score	Safety	Strategy Name	Trades perYear	TheRef Rtn.MaxYr	Strategy Rtn.MaxYr	Strategy Rtn.10Yr	Strategy Rtn.3Yr	Strategy Rtn.1Yr	Storm Guard	Alpha	Beta	Strategy P15%Loss	Strategy Max.Draw	Strategy RealDraw	TheRef Sharpe	Strategy Sharpe
ETFs	195.8	41.0	SectorVarious1	4.0	3.4	39.8	43.1	81.6	44.2	1.7	0.39	0.81	0.01	0.25	0.12	0.06	0.99
ETFs	171.7	7.1	***1-my mixed etf strat 11	3.6	3.4	36.6	45.3	81.4	53.0	1.7	0.36	0.94	0.05	0.25	0.08	0.07	0.94
ETFs	169.0	13.1	ETF X-3a/d	2.8	7.0	33.6	43.8	75.8	43.3	1.7	0.34	0.42	0.02	0.30	0.09	0.23	0.91
ETFs	161.3	9.0	Mixed ETFs	3.6	3.4	33.7	44.5	76.8	44.5	1.7	0.34	0.84	0.05	0.25	0.08	0.07	0.93
ETFs	159.6	8.5	LongTerm Mixed (Region/Sect	3.4	3.4	33.0	43.4	76.8	44.5	1.7	0.33	0.87	0.05	0.25	0.09	0.07	0.90
ETFs	149.2	71.8	ETF Strategy #2	3.7	2.1	29.7	36.1	60.2	60.1	1.7	0.30	0.47	0.00	0.22	0.11	0.02	1.32
ETFs	143.1	53.6	World Regions Sectors/d	3.8	3.4	31.8	34.3	54.7	44.5	1.7	0.31	0.61	0.01	0.22	0.08	0.07	1.07
ETFs	136.8	13.2	Sector Strategy One	2.0	3.4	26.2	34.9	62.9	80.7	1.3	0.24	0.64	0.02	0.31	0.07	0.07	1.08
ETFs	134.5	9.1	ETF Alt	3.9	3.4	28.8	37.1	62.6	51.0	1.7	0.27	0.73	0.05	0.22	0.08	0.07	1.05
ETFs	130.1	11.7	Mixed Strategy 2 /d	1.4	7.0	31.1	40.6	43.1	27.8	1.4	0.29	0.60	0.00	0.35	0.06	0.23	1.09
ETFs	126.6	1.2	Sandis Roth	2.6	3.4	26.7	37.5	65.0	80.7	1.3	0.25	0.98	0.07	0.29	0.12	0.07	0.80
ETFs	124.4	3.0	SectorVarious1	3.6	3.4	32.4	33.7	49.5	70.4	1.5	0.30	0.63	0.06	0.27	0.17	0.07	0.98
ETFs	123.1	51.8	ETF - 3 mod/d	3.2	2.9	32.8	36.5	35.8	4.4	1.7	0.32	0.61	0.01	0.22	0.08	0.05	1.24
ETFs	123.1	51.8	ETF - 3 mod/d	3.2	2.9	32.8	36.5	35.7	4.4	1.7	0.32	0.61	0.01	0.22	0.08	0.05	1.24
ETFs	121.7	38.8	ETF Sectors	2.9	3.4	24.6	27.8	49.0	73.6	1.5	0.22	0.51	0.00	0.22	0.07	0.07	1.20
ETFs	120.9	70.5	Core	3.6	2.5	27.7	33.5	41.5	15.8	1.7	0.28	0.51	0.00	0.22	0.10	0.04	1.39
ETFs	119.9	58.4	ETF - 3	3.0	2.9	32.4	35.9	33.7	8.9	1.7	0.31	0.60	0.01	0.22	0.08	0.05	1.28
ETFs	119.1	32.0	SSRanks1	4.0	3.4	26.7	30.6	48.0	50.3	1.6	0.27	0.44	0.03	0.25	0.13	0.07	1.14
ETFs	118.0	13.3	ETF Kick2 Hedge/id	1.4	7.0	34.6	42.2	26.3	27.8	0.5	0.36	0.21	0.00	0.35	0.06	0.23	1.26
ETFs	113.9	13.7	ETF KickAss-2 Hedge /i	1.4	7.0	34.9	42.8	22.2	27.8	0.5	0.36	0.24	0.00	0.35	0.06	0.23	1.26
ETFs	113.6	9.5	Mixed Strategy 1 /d	3.4	3.4	27.3	33.0	46.7	56.3	1.1	0.26	0.70	0.05	0.22	0.07	0.07	1.08
ETFs	110.7	2.1	dave	2.2	6.9	35.7	33.8	30.4	4.6	3.3	0.39	0.22	0.06	0.48	0.37	0.23	1.02
ETFs	109.9	61.7	ETF - 3/d	3.6	3.4	28.4	30.6	31.4	4.3	1.7	0.28	0.49	0.00	0.22	0.08	0.07	1.40
ETFs	108.6	23.1	SMSF SAXO ETF iShares Secto	2.1	3.4	21.9	25.5	44.3	80.7	1.6	0.19	0.40	0.01	0.25	0.09	0.07	1.26
ETFs	108.2	51.1	Decision Moose ETFs	3.7	6.9	24.8	32.5	37.2	10.3	1.7	0.25	0.21	0.00	0.22	0.08	0.23	1.19
ETFs	108.0	29.9	ETF X-4 /d	4.0	5.0	27.6	30.3	34.0	18.5	1.6	0.27	0.56	0.01	0.27	0.12	0.15	1.24
ETFs	106.9	15.6	ETF (KickAss Mix-2)	1.6	7.0	28.7	39.4	31.1	31.8	1.3	0.26	0.61	0.01	0.32	0.00	0.23	1.08
ETFs	106.4	3.7	World ETF	1.1	6.9	27.7	40.5	41.2	28.3	1.3	0.25	0.70	0.05	0.33	0.07	0.23	1.00
ETFs	105.5	50.4	Decision Moose ETFs	3.8	6.9	24.5	32.0	35.6	8.3	1.7	0.25	0.21	0.00	0.22	0.08	0.23	1.21
ETFs	101.9	5.2	RipTide	2.6	3.4	20.6	28.2	46.0	11.1	1.6	0.23	0.62	0.03	0.31	0.05	0.07	0.66

"USE" means use for analysis.

JIVE (ETF Selection) – Color Coding

SectorSurfer Strategy Hall Of Fame Data for 02/01/2013 09:05 PM

Type	Score	Safety	Strategy Name	Trades perYear	Strategy Rtn.MaxYr	Strategy Rtn.10Yr	Strategy Rtn.3Yr	Strategy Rtn.1Yr	Storm Guard	Alpha	Beta	Strategy P15%Loss	Strategy Max.Draw	Strategy RealDraw	TheRef Sharpe	Strategy Sharpe
ETFs	195.8	41.0	SectorVarious1	4.0	39.8	43.1	81.6	44.2	1.7	0.39	0.81	0.01	0.25	0.12	0.06	0.99
ETFs	171.7	7.1	***1--my mixed etf strat 11	3.6	36.6	45.3	81.4	53.0	1.7	0.36	0.94	0.05	0.25	0.08	0.07	0.94
ETFs	169.0	13.1	ETF X-3a/d	2.8	33.6	43.8	75.8	43.3	1.7	0.34	0.42	0.02	0.30	0.09	0.23	0.91
ETFs	161.3	9.0	Mixed ETFs	3.6	33.7	44.5	76.8	44.5	1.7	0.34	0.84	0.05	0.25	0.08	0.07	0.93
ETFs	159.6	8.5	LongTerm Mixed (Region/Sect	3.4	33.0	43.4	76.8	44.5	1.7	0.33	0.87	0.05	0.25	0.09	0.07	0.90
ETFs	149.2	71.8	ETF Strategy #2	3.7	29.7	36.1	60.2	60.1	1.7	0.30	0.47	0.00	0.22	0.11	0.02	1.32
ETFs	143.1	53.6	World Regions Sectors/d	3.8	31.8	34.3	54.7	44.5	1.7	0.31	0.61	0.01	0.22	0.08	0.07	1.07
ETFs	136.8	13.2	Sector Strategy One	2.0	26.2	34.9	62.9	80.7	1.3	0.24	0.64	0.02	0.31	0.07	0.07	1.08
ETFs	134.5	9.1	ETF Alt	3.9	28.8	37.1	62.6	51.0	1.7	0.27	0.73	0.05	0.22	0.08	0.07	1.05
ETFs	130.1	11.7	Mixed Strategy 2 /d	1.4	31.1	40.6	43.1	27.8	1.4	0.29	0.60	0.00	0.35	0.06	0.23	1.09
ETFs	126.6	1.2	Sandis Roth	2.6	26.7	37.5	65.0	80.7	1.3	0.25	0.98	0.07	0.29	0.12	0.07	0.80
ETFs	124.4	3.0	SectorVarious1	3.6	32.4	33.7	49.5	70.4	1.5	0.30	0.63	0.06	0.27	0.17	0.07	0.98
ETFs	123.1	51.8	ETF - 3 mod/d	3.2	32.8	36.5	35.8	4.4	1.7	0.32	0.61	0.01	0.22	0.08	0.05	1.24
ETFs	123.1	51.8	ETF - 3 mod/d	3.2	32.8	36.5	35.7	4.4	1.7	0.32	0.61	0.01	0.22	0.08	0.05	1.24
ETFs	121.7	38.8	ETF Sectors	2.9	24.6	27.8	49.0	73.6	1.5	0.22	0.51	0.00	0.22	0.07	0.07	1.20
ETFs	120.9	70.5	Core	3.6	27.7	33.5	41.5	15.8	1.7	0.28	0.51	0.00	0.22	0.10	0.04	1.39
ETFs	119.9	58.4	ETF - 3	3.0	32.4	35.9	33.7	8.9	1.7	0.31	0.60	0.01	0.22	0.08	0.05	1.28
ETFs	119.1	32.0	SSRanks1	4.0	26.7	30.6	48.0	50.3	1.6	0.27	0.44	0.03	0.25	0.13	0.07	1.14
ETFs	118.0	13.3	ETF Kick2 Hedge/id	1.4	34.6	42.2	26.3	27.8	0.5	0.36	0.21	0.00	0.35	0.06	0.23	1.26
ETFs	113.9	13.7	ETF KickAss-2 Hedge /i	1.4	34.9	42.8	22.2	27.8	0.5	0.36	0.24	0.00	0.35	0.06	0.23	1.26
ETFs	113.6	9.5	Mixed Strategy 1 /d	3.4	27.3	33.0	46.7	56.3	1.1	0.26	0.70	0.05	0.22	0.07	0.07	1.08
ETFs	110.7	2.1	dave	2.2	35.7	33.8	30.4	4.6	3.3	0.39	0.22	0.06	0.48	0.37	0.23	1.02
ETFs	109.9	61.7	ETF - 3/d	3.6	28.4	30.6	31.4	4.3	1.7	0.28	0.49	0.00	0.22	0.08	0.07	1.40
ETFs	108.6	23.1	SMSF SAXO ETF iShares Secto	2.1	21.9	25.5	44.3	80.7	1.6	0.19	0.40	0.01	0.25	0.09	0.07	1.26
ETFs	108.2	51.1	Decision Moose ETFs	3.7	24.8	32.5	37.2	10.3	1.7	0.25	0.21	0.00	0.22	0.08	0.23	1.19
ETFs	108.0	29.9	ETF X-4 /d	4.0	27.6	30.3	34.0	18.5	1.6	0.27	0.56	0.01	0.27	0.12	0.15	1.24
ETFs	106.9	15.6	ETF (KickAss Mix-2)	1.6	28.7	39.4	31.1	31.8	1.3	0.26	0.61	0.01	0.32	0.00	0.23	1.08
ETFs	106.4	3.7	World ETF	1.1	27.7	40.5	41.2	28.3	1.3	0.25	0.70	0.05	0.33	0.07	0.23	1.00
ETFs	105.5	50.4	Decision Moose ETFs	3.8	24.5	32.0	35.6	8.3	1.7	0.25	0.21	0.00	0.22	0.08	0.23	1.21
ETFs	101.9	5.2	Rip Tide	2.6	20.6	28.2	46.0	11.1	1.6	0.23	0.62	0.03	0.31	0.05	0.07	0.66
	USE	USE	USE	Not Sig.	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE	USE
	"USE" means use for analysis.											L is B	L is B	L is B		

1st 2nd 3rd Bottom L is B = Lower is Better

JIVE (ETF Selection) -- Analysis

Analysis Of JIVE Download (ETF Hall of Fame for 02/01/2013)

Strategy Characteristics	Best Value	2nd Best Value	3rd Best Value	Most Frequent	Worse Value	No. In Top 3	Comments
Score	195.8	171.7	169	123.1 (2)	101.9	3	Best selections based on "safety score"
Safety	71.8	70.5	61.7	51.8 (2)	1.2	3	Best selections based on "safety score"
Trades per Year	1 (Least)			3	4 (Most)	N/A	Having less frequent trades is better?
Strategy Rtn. Max. Yr.	39.8%	36.6%	35.7%	30's%	20.6%	2	Good mid-30% rtns; 20% worse is OK.
Strategy Rtn. 10 Yr.	45.3%	44.5%	43.8%	30's%	25.5%	2	Better 40% rtns; mid 25% worse is OK.
Strategy Rtn. 3 Yr.	81.6%	81.4%	76.8%	Hi 30's%	22.2%	2	Excellent high 70% rtns; low 20's% is OK.
Strategy Rtn. 1 Yr.	80.7%	73.6%	70.4%	40's %	4.3%	0	Excellent hi rtns; problem on worse rtn?
Storm Guard	3.3	1.7	1.6	1.7	0.5	1	SG is working; let it do its thing.
Alpha	0.39	0.36	0.34	0.36	0.22	3	Annualized return percentages - all OK.
Beta	0.98	0.94	0.81	60's	0.21	2	Close to 1; following S&P 500.
Strategy Prob. 15% Loss	0%	1%	2%	5%	7%	2	Zero probability of 15% loss seems low?
Strategy Max. Drawdown	22%	25%	27%	20-25%	35%	1	Can you accept a 22% drawdown?
Strategy Real Drawdown	0%	5%	6%	~10%	37%	0	0% drawdown is very optimistic?
The Reference Sharpe	23%	15%	7%	7%	2%	2	Rtn is over safe money market fund.
Strategy Sharpe	140%	139%	132%	126%	66%	0	Rtn a lot better over referenced Sharpe.

Let's Analyze The ETF Symbols

SYMBOLS TO ANALYZE

Strategy	Sym-1	Sym-2	Sym-3	Sym-4	Sym-5	Sym-6	Sym-7	Sym-8	Sym-9	Sym-10	Sym-11	Sym-12
SectorVarious1	ITB	IBB	GLD	BAL	XLE	EEM	PPH	QQQ	EWV	IWM	REZ	ZROZ
***1--my mixed etf strat 11	ITB	XLE	PPH	IBB	EWC	EEM	ILF	BAL	QQQ	REZ	GLD	ZROZ
ETF X-3a /d	EWC	IYM	QQQ	XLE	EEM	ZROZ	VGK	BAL	ILF	EWK	DGL	ITB
Mixed ETFs	EWC	DBA	IWM	XLE	EEM	ZROZ	IEV	BAL	ILF	REZ	GLD	ITB
LongTerm Mixed (Region/Sect	EWC	IWM	XLE	TLT	ZROZ	DBA	IEV	BAL	ILF	REZ	GLD	ITB
ETF Strategy #2	GLD	TLT	IYR	ITB	RJA	EMLC	IWM	EPP	OIH	IEV	EEM	ILF
World Regions Sectors /d	EEM	RSP	ZROZ	ILF	EPP	IEV	XLV	QQQ	XLE	IWM	ITB	GLD
Sector Strategy One	GLD	XLK	PPH	XLU	XLE	XLV	RKH	RWR	OIH	ITB	DBP	SLV
ETF Alt	CARZ	ITB	GLD	IEV	EWC	XLE	EPP	IWM	ILF	DBA	ZROZ	REZ
Mixed Strategy 2 /d	RSX	XLF	IDX		EWZ	EWY	EWL	XLK	EWK	IYH	SLV	
Sandis Roth	XLK	XLE	EWC	EEM	ITB	IAU	PPH	ILF	IYR	BAL		
SectorVarious1	ITB	IBB	GLD		XLE	EEM	PPH	QQQ	EWV	IWM		
ETF - 3 mod/d	TLT	XLE	IWM	IEV	QQQ	ILF	DBA	EPP	GLD	EEM	ZROZ	EDV
ETF - 3 mod/d	TLT	XLE	IWM	IEV	QQQ	ILF	DBA	EPP	GLD	EEM	ZROZ	
ETF Sectors	GLD	XLK	PPH	XLU	XLE	IBB	RKH	RWR	IYZ	IYK	KXI	ITB
Core	IWM	SPY	EPP	IEV	ILF	EEM	TLT	EMLC	RJA	GLD	OIH	IYR
ETF - 3	TLT	XLE	IWM		QQQ	ILF	DBA	EPP	GLD	IEV	EEM	
SSRanks1	XLP	BBH	XHB	XLK	SDS	OIH	XLV	EFA	EEM	VPL	VNQ	GLD
ETF Kick2 Hedge/id	EWL	XLF	XLK	IDX	IYH		EWZ	JJP	EWY	EWK	SH-	
ETF KickAss-2 Hedge /i	RSX	XLF	IDX		EWZ	EWY	EWL	XLK	EWK	IYH	JJP	SH-
Mixed Strategy 1 /d	ITB	XLE	PPH	EEM	EWC		ILF	TLT	QQQ	XLB	GLD	
dave	RWR	SPY	EWS	EWJ	XLE	EWZ	SLV	PSQ-				
ETF - 3/d	TLT	XLE	IWM	VXF	QQQ	ILF	AGG	EPP	GLD	IEV	EEM	EWJ
SMSF SAXO ETF iShares Secto	ITB	IYY	IYK	IYJ	XLK	IYZ	XLV	IYF	IYE	IYT	GLD	IYR
Decision Moose ETFs	ZROZ	SPY	IWM	GLD	IEV	ILF	EWJ	AXJL		XLE		
ETF X-4 /d	XLP	BBH	SPY	QQQ	SH-	OIH	XLV	IDX	EEM	VPL	VNQ	GLD
ETF (KickAss Mix-2)	IWB	XLF	IDX	XLY	EWZ	IFAS	EWL	XLK	EWK	IYH	RFG	RSX
World ETF	EWZ	EEM	SLV	EPHE	IBB	IYG	IDX	IGV	THD	EWS	EWA	SPY
Decision Moose ETFs	EDV	SPY	IWM	GLD	IEV	ILF	EWJ	AXJL	KBWY	XLE		
Rip Tide	XLE	XLP	XLF	XLV	XLI	XLY	XLK	XLU	IYR	SLV	IBB	DBA

USE FOR SEPARATE ANALYSIS

SORTING OF ALL SYMBOLS -- HALL OF FAME (ETF) STRATEGIES AS OF 1 FEBRUARY 2013

AGG	EEM	EWJ	GLD	IEV	ITB	IYF	PPH	RSX	VPL	XLI	ZROZ
AXJL	EEM	EWJ	GLD	IEV	ITB	IYG	PPH	RWR	VPL	XLK	ZROZ
AXJL	EEM	EWJ	GLD	IEV	ITB	IYH	PPH	RWR	VXF	XLK	ZROZ
BAL	EEM	EWJ	GLD	IEV	ITB	IYH	PPH	RWR	XHB	XLK	ZROZ
BAL	EEM	EWK	GLD	IEV	ITB	IYH	PPH	SDS	XLB	XLK	ZROZ
BAL	EEM	EWK	GLD	IEV	ITB	IYH	PSQ	SH-	XLE	XLK	
BAL	EEM	EWK	GLD	IEV	ITB	IYJ	QQQ	SH-	XLE	XLK	
BAL	EEM	EWK	GLD	IEV	ITB	IYK	QQQ	SLV	XLE	XLK	
BAL	EEM	EWK	GLD	IEV	ITB	IYK	QQQ	SLV	XLE	XLK	
BBH	EEM	EWL	GLD	IEV	ITB	IYM	QQQ	SLV	XLE	XLK	
BBH	EFA	EWL	GLD	IEV	ITB	IYR	QQQ	SLV	XLE	XLK	
CARZ	EMLC	EWL	GLD	IEV	ITB	IYR	QQQ	SLV	XLE	XLP	
DBA	EMLC	EWL	GLD	IFAS	ITB	IYR	QQQ	SPY	XLE	XLP	
DBA	EPHE	EWS	GLD	IGV	ITB	IYR	QQQ	SPY	XLE	XLP	
DBA	EPP	EWS	GLD	ILF	IWB	IYR	QQQ	SPY	XLE	XLU	
DBA	EPP	EWV	GLD	ILF	IWM	IYT	QQQ	SPY	XLE	XLU	
DBA	EPP	EWV	GLD	ILF	IWM	IYY	QQQ	SPY	XLE	XLU	
DBA	EPP	EWY	IAU	ILF	IWM	IYZ	REZ	SPY	XLE	XLV	
DBA	EPP	EWY	IBB	ILF	IWM	IYZ	REZ	THD	XLE	XLV	
DBP	EPP	EWY	IBB	ILF	IWM	JJP	REZ	TLT	XLE	XLV	
DGL	EPP	EWZ	IBB	ILF	IWM	JJP	REZ	TLT	XLE	XLV	
EDV	EPP	EWZ	IBB	ILF	IWM	KBWY	REZ	TLT	XLE	XLV	
EDV	EWA	EWZ	IBB	ILF	IWM	KXI	RFQ	TLT	XLE	XLV	
EEM	EWC	EWZ	IBB	ILF	IWM	OIH	RJA	TLT	XLE	XLY	
EEM	EWC	EWZ	IDX	ILF	IWM	OIH	RJA	TLT	XLE	XLY	
EEM	EWC	EWZ	IDX	ILF	IWM	OIH	RKH	TLT	XLF	ZROZ	
EEM	EWC	GLD	IDX	ILF	IWM	OIH	RKH	TLT	XLF	ZROZ	
EEM	EWC	GLD	IDX	ILF	IWM	OIH	RSP	VGK	XLF	ZROZ	
EEM	EWC	GLD	IDX	ILF	IWM	PPH	RSX	VNQ	XLF	ZROZ	
EEM	EWC	GLD	IDX	ILF	IYE	PPH	RSX	VNQ	XLF	ZROZ	

TOTAL SYMBOLS = 335

TOTAL ETF STRATEGIES = 30

Most Frequent / Popular ETF Symbols -- Hall Of Fame

SYMBOL	NUMBER OF STRATEGIES	DESCRIPTION
GLD	21	SPDR Gold Trust
XLE	20	Energy Select Sector SPDR
EEM	17	MSCI Emerging Markets Index Fund
ILF	16	Latin America 40 Index Fund
ITB	14	Dow Jones U.S. Home Construction Index Fund
IWM	14	Russell 2000 Index Fund
IEV	12	S&P Europe 350 Index Fund
QQQ	11	NASDAQ 100
XLK	10	Technology Select Sector SPDR
ZROZ	10	25+ Year Zero Coupon U.S. Treasury Index Fund
EPP	8	MSCI Pacific Ex-Japan Index Fund
TLT	8	Barclays 20 Year Treasury Bond Fund
DBA	7	DB Agriculture Fund
EWC	7	MSCI Canada Index Fund
BAL	6	Dow Jones-UBS Cotton Total Return Sub-Index ETN
EWZ	6	MSCI Brazil Index Fund
IBB	6	Nasdaq Biotechnology
IDX	6	Market Vectors Indonesia Index ETF
PPH	6	Market Vectors Pharmaceutical ETF
SPY	6	SPDR S&P 500
XLV	6	Health Care Select Sector SPDR
EWK	5	MSCI Belgium Index Fund

As of 1 February 2013

Total Number of Strategies = 30

New SSJ Strategy -- Most Popular ETF Symbols -- Hall Of Fame

SELECT FOR SSJ STRATEGY	SYMBOL	NUMBER OF STRATEGIES	DESCRIPTION
1	GLD	21	SPDR Gold Trust
2	XLE	20	Energy Select Sector SPDR
3	EEM	17	MSCI Emerging Markets Index Fund
4	ILF	16	Latin America 40 Index Fund
5	ITB	14	Dow Jones U.S. Home Construction Index Fund
6	IWM	14	Russell 2000 Index Fund
7	IEV	12	S&P Europe 350 Index Fund
8	QQQ	11	NASDAQ 100
9	XLK	10	Technology Select Sector SPDR
10	ZROZ	10	25+ Year Zero Coupon U.S. Treasury Index Fund
11	EPP	8	MSCI Pacific Ex-Japan Index Fund
12	TLT	8	Barclays 20 Year Treasury Bond Fund
	DBA	7	DB Agriculture Fund
	EWC	7	MSCI Canada Index Fund
	BAL	6	Dow Jones-UBS Cotton Total Return Sub-Index ETN
	EWZ	6	MSCI Brazil Index Fund
	IBB	6	Nasdaq Biotechnology
	IDX	6	Market Vectors Indonesia Index ETF
	PPH	6	Market Vectors Pharmaceutical ETF
	SPY	6	SPDR S&P 500
	XLV	6	Health Care Select Sector SPDR
	EWK	5	MSCI Belgium Index Fund

As of 1 February 2013

Total Number of Strategies = 30

Strategy: SSJ Favorite ETF Symbols

10-Feb-13 10:39:20 Summary-EC7

SSJ Favorite ETF Symbols

Note: Add /d to the end of the Strategy name to also report daily Strategy values.

Last Trade	31-Aug-12
BornOn Date	10-Feb-13
Trades/Year	3.1

RECENT TOTAL RETURN PERCENTAGES

FROM	Strategy	S&P500
Last Week	-1.60%	0.30%
Last Month	1.90%	4.00%
Half Year	28.00%	9.30%
Last Trade	25.80%	8.70%

RISK PROFILES

TYPE	Strategy	S&P500	
Prob. Of Loss	2.82%	39.53%	Year-Over-Year proportional probability of a 15% loss.
Sharpe Ratio	1.03	0.07	
Max Drawdown	22.30%	55.30%	10-Yrs; Dip from prior peak anywhere between trades.
Real Drawdown	15.20%	50.20%	10-Yrs; Dip from prior peak only at realized trades.

Strategy Created by Joe Gruender -- For Educational Purposes Only

ANNUALIZED RETURN PERCENTAGES

DATES	STRATEGY	S&P500
All Years	31.22	3.49
10 Years	35.25	8.35
5 Years	28.4	4.88
3 Years	59.07	15.1
1 Year	54.63	14.71
Y.T.D.	7.51	6.49
2012	52.32	15.88
2011	73.76	2.1
2010	23.01	14.88
2009	5.57	26.45
2008	4.77	-36.99
2007	25.09	5.43
2006	39.44	15.78
2005	40.45	4.91
2004	51.44	10.88
2003	42.81	28.66
2002	-0.43	-22.1
2001	4.05	-11.92
2000	10.73	-9.13
1999	97.64	21.02

SSJ Favorite ETF Symbols

\$10k Becomes \$465K

Strategy Trade Signal History

2/10/2013 10:39:29 AM - SSJ Favorite ETF Symbols - Class: Mixed Strategy

Trade Signal	Sell	Buy	Days Held (fund sold)	Reference Return	Strategy Return	Reference Value *	Strategy Value *
Still Holds	ITB	---	163	8.7%	25.8%	\$16,239	\$465,095
2012-Aug-31	ZROZ	ITB	63	3.7%	3.3%	\$14,935	\$369,826
2012-Jun-29	ITB	ZROZ	150	4.7%	29.0%	\$14,407	\$358,093
2012-Jan-31	ZROZ	ITB	85	4.6%	4.5%	\$13,757	\$277,499
2011-Nov-07	SCASH	ZROZ	38	11.7%	0.0%	\$13,151	\$265,613
2011-Sep-30	ZROZ	SCASH	30	-7.0%	26.0%	\$11,769	\$265,610
2011-Aug-31	GLD	ZROZ	33	-5.5%	12.3%	\$12,656	\$210,849
2011-Jul-29	ZROZ	GLD	59	-3.6%	1.4%	\$13,391	\$187,797
2011-May-31	XLE	ZROZ	182	15.0%	23.9%	\$13,894	\$185,278
2010-Nov-30	EPP	XLE	61	3.7%	0.4%	\$12,084	\$149,505
2010-Sep-30	ZROZ	EPP	125	5.5%	14.9%	\$11,654	\$148,867
2010-May-28	ITB	ZROZ	91	-0.9%	4.6%	\$11,047	\$129,546
2010-Feb-26	IWM	ITB	28	3.0%	4.5%	\$11,146	\$123,792
2010-Jan-29	ILF	IWM	91	4.1%	-0.1%	\$10,820	\$118,489

Notes:

1. This is the list of trade signals as generated by the Strategy processing algorithm, not your execution record.
2. (*) The Values for both the Reference and the Strategy start with a hypothetical \$10,000 on the first trade listed.
3. (****) Sell and Buy fund symbols for the most recent trade are not shown for un-subscribed Premium Strategies.
4. Reference may be S&P500 or AGG, see Strategy chart.

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Data Mining – What Have We Learned?

- ▶ A lot of data is available in SS for mining.
- ▶ We only analyzed H of F “ETFs” and we could also consider safety, mutual funds, & other strategies.
- ▶ The “score” performance rating does good job of capturing strategies for further analysis.
- ▶ Use caution when “0% probability of 15% loss.”
- ▶ Verify when “0% strategy drawdown” is shown.
- ▶ Many strategies use the same symbols.
- ▶ Favorite symbols can be used to create new strategy.
- ▶ More data mining opportunities exist within SS.

Data Mining Within SectorSurfer

- ▶ A copy of the slides will be posted in the SectorSurfer Users Group (Googlegroups.com).
- ▶ Look in the “Meetings & Presentations” Category.
- ▶ I will notify you if/when/where a video of each presentation is available for your viewing.
- ▶ Our next meeting is on Monday, April 8, 2013 at the Saratoga, CA Library at 7:00 PM.

- **Comments & Suggestions**
- **To: Joe Gruender**

- **SectorSurferJoe@gmail.com**