

5MWC REPORT

Trickle Down Symbols Correlations



SEPTEMBER 24, 2019

Trickle Down Options Symbols Correlations

DATA USED => 2014-01-01 THRU 2019-07-26

OVERVIEW

This study was run to find possible correlations between the “Upper Symbols” and other symbols. Symbols with high correlations to these Upper Symbols would be expected to follow suit with any possible breakouts or breakdowns. These breakouts or breakdowns could lead to filtering of option selling to one side when a signal arises with the Upper Symbol.

All symbols included in the Trickle Down Watchlist were used in comparison for this study. The Upper Symbols were used based off preliminary hypothesis of valid Upper Symbols. Any symbols from the trickle down watchlist that did not have matching data counts with the Upper Symbols were left off.

USO

Symbol	30	90	200	full
USO	1.00	1.00	1.00	1.00
UCO	1.00	1.00	0.98	0.99
WLL	N/A	0.83	N/A	0.98
RIG	0.85	0.81	N/A	0.97
XOP	N/A	0.88	N/A	0.96
ERX	0.91	0.83	0.80	0.96
MRO	N/A	0.85	N/A	0.95
SSYS	N/A	N/A	N/A	0.95
UNG	N/A	N/A	N/A	0.94
FCX	N/A	N/A	N/A	0.94
NOV	N/A	0.83	N/A	0.94
SWN	N/A	N/A	N/A	0.94
BRZU	N/A	N/A	N/A	0.93
CCJ	N/A	N/A	N/A	0.92
TBT	N/A	0.82	N/A	0.91
DDD	N/A	N/A	N/A	0.91
HES	0.86	0.83	0.82	0.91
XLE	0.87	0.83	0.83	0.90
NUGT	N/A	N/A	N/A	0.90
OIH	0.89	0.84	N/A	0.89
PAA	N/A	N/A	N/A	0.89
FXE	N/A	N/A	N/A	0.89
RRC	N/A	N/A	N/A	0.88
EWU	N/A	N/A	N/A	0.88
JNUG	N/A	N/A	N/A	0.88
EPD	N/A	N/A	N/A	0.88
UVXY	N/A	N/A	N/A	0.87
FOSL	N/A	N/A	N/A	0.87
PLUG	N/A	N/A	N/A	0.87
YELP	N/A	N/A	N/A	0.87
VIXY	N/A	N/A	N/A	0.86
DVN	0.75	0.91	0.94	0.86

Symbol	30	90	200	full
APA	N/A	N/A	N/A	0.86
APC	N/A	N/A	N/A	0.86
AUY	N/A	N/A	N/A	0.85
AML	N/A	N/A	0.81	0.85
GSK	N/A	N/A	N/A	0.85
COG	N/A	N/A	N/A	0.85
NBR	N/A	0.87	0.81	0.84
MT	N/A	N/A	N/A	0.84
SDS	N/A	N/A	N/A	0.84
FLR	N/A	N/A	N/A	0.83
EW	N/A	N/A	N/A	0.83
MOS	N/A	N/A	N/A	0.82
OXY	N/A	N/A	N/A	0.82
ANF	N/A	0.84	N/A	0.82
HYG	N/A	N/A	N/A	0.81
DB	N/A	0.76	N/A	0.81
RL	N/A	N/A	N/A	0.81
FAZ	N/A	N/A	N/A	0.80
GPS	N/A	0.80	N/A	0.79
XOM	0.79	N/A	0.76	0.78
YPF	N/A	N/A	N/A	0.78
SPWR	N/A	N/A	N/A	0.77
SBUX	N/A	N/A	N/A	-0.76
MDT	N/A	-0.78	N/A	-0.76
ED	N/A	N/A	N/A	-0.79
HRL	N/A	N/A	N/A	-0.79
MO	N/A	N/A	N/A	-0.80
EXPE	N/A	N/A	N/A	-0.82
UUP	N/A	N/A	N/A	-0.83
XLP	N/A	N/A	N/A	-0.83
MNST	N/A	N/A	N/A	-0.83

UNG

Symbol	30	90	200	full
--------	----	----	-----	------

Symbol	300	400	200	100
WLL	N/A	0.84	N/A	0.95
USO	N/A	N/A	N/A	0.94
SDS	N/A	N/A	N/A	0.93
CCJ	N/A	N/A	N/A	0.93
VIXY	N/A	N/A	N/A	0.93
MRO	N/A	0.79	N/A	0.92
UCO	N/A	N/A	N/A	0.92
FOSL	N/A	0.84	N/A	0.92
SWN	N/A	0.89	N/A	0.91
SSYS	N/A	N/A	N/A	0.91
MOS	N/A	N/A	0.80	0.91
TBT	N/A	0.85	0.79	0.90
PAA	N/A	N/A	N/A	0.89
NOV	N/A	0.83	N/A	0.89
RIG	N/A	0.86	N/A	0.89
XOP	N/A	0.82	N/A	0.88
ERX	N/A	N/A	N/A	0.87
RL	N/A	N/A	N/A	0.87
UVXY	N/A	N/A	N/A	0.87
HES	N/A	N/A	N/A	0.86
EWU	N/A	N/A	N/A	0.86
FCX	N/A	N/A	N/A	0.86
AML	N/A	N/A	N/A	0.85
EPD	N/A	N/A	N/A	0.85
GPS	N/A	0.85	N/A	0.84
DB	N/A	N/A	N/A	0.84
APC	N/A	N/A	N/A	0.84
DDD	N/A	N/A	N/A	0.84
RRC	N/A	0.91	0.76	0.84

DVN	N/A	N/A	N/A	0.83
DUST	N/A	N/A	0.77	0.83
THC	N/A	0.78	N/A	0.83

BRZU Symbol	N/A 30	N/A 90	N/A 200	0.82 full
FEYE	N/A	N/A	0.81	0.82
SPWR	N/A	-0.78	N/A	0.81
PLUG	N/A	N/A	N/A	0.81
COG	N/A	0.85	N/A	0.81
XLE	N/A	N/A	N/A	0.81
OIH	N/A	N/A	N/A	0.81
GSK	N/A	N/A	N/A	0.81
WMB	N/A	N/A	N/A	0.81
KMI	N/A	N/A	-0.78	0.80
FAZ	N/A	N/A	N/A	0.80
NUGT	N/A	N/A	N/A	0.80
NOK	N/A	N/A	N/A	0.80
FXE	N/A	N/A	N/A	0.80
CSIQ	N/A	N/A	N/A	0.80
TWTR	N/A	N/A	N/A	0.79
EWV	N/A	N/A	N/A	0.79
ANF	N/A	0.79	N/A	0.78
M	N/A	N/A	0.78	0.78
YELP	N/A	N/A	N/A	0.78
MT	N/A	N/A	N/A	0.78
JNUG	N/A	N/A	N/A	0.76
LUV	N/A	N/A	N/A	-0.75
TQQQ	N/A	N/A	N/A	-0.77
HRL	N/A	N/A	N/A	-0.78
UPRO	N/A	N/A	N/A	-0.78
MNST	N/A	-0.76	N/A	-0.78
CTRP	N/A	N/A	N/A	-0.78
AFL	N/A	-0.83	-0.79	-0.81
EXPE	N/A	N/A	N/A	-0.81

CRUS	N/A	N/A	N/A	-0.81
TSN	N/A	-0.75	-0.75	-0.82
ED	N/A	N/A	N/A	-0.84

XLP Symbol	N/A 30	-0.86 90	N/A 200	-0.84 full
MO	N/A	0.84	N/A	-0.86

GLD

Symbol	30	90	200	full
GLD	1.00	1.00	1.00	1.00
IAU	1.00	1.00	1.00	1.00
GDX	0.86	0.96	0.97	0.87
KGC	0.85	0.94	0.95	0.80
GDXJ	0.82	0.91	0.91	0.77

SLV

Symbol	30	90	200	full
SLV	1.00	1.00	1.00	1.00
AUY	0.86	0.86	N/A	0.87
NUGT	0.92	0.86	N/A	0.83
JNUG	N/A	N/A	N/A	0.79
IBM	0.93	0.80	N/A	0.77
AG	0.95	0.91	N/A	0.77
GDXJ	0.93	0.90	0.81	0.76
FXV	N/A	N/A	N/A	0.75
APA	-0.79	N/A	N/A	0.75
XOM	N/A	N/A	N/A	0.75

CORN

Symbol	30	90	200	full
FAZ	N/A	N/A	N/A	0.93
RRC	N/A	N/A	N/A	0.93

DB	N/A	N/A	N/A	0.93
SWN	N/A	N/A	N/A	0.93
VIXY	N/A	N/A	N/A	0.92
FOSL	N/A	-0.82	N/A	0.92
VIXM	N/A	N/A	N/A	0.90
CCJ	N/A	N/A	N/A	0.89
TBT	N/A	-0.88	N/A	0.88
UVXY	N/A	N/A	N/A	0.88

Symbol	30	90	200	full
TZA	N/A	N/A	N/A	0.87
AML	N/A	N/A	N/A	0.87
SPWR	N/A	N/A	N/A	0.87
OIH	N/A	-0.76	N/A	0.86
GSK	N/A	N/A	N/A	0.86
RIG	N/A	-0.78	N/A	0.85
PAA	N/A	N/A	N/A	0.85
F	N/A	N/A	N/A	0.85
BBBY	N/A	-0.82	N/A	0.84
UNG	N/A	N/A	N/A	0.84
UCO	N/A	-0.84	N/A	0.83
USO	N/A	-0.81	N/A	0.83
SSYS	N/A	N/A	N/A	0.83
MOS	N/A	N/A	N/A	0.82
WLL	N/A	-0.84	N/A	0.82
NBR	N/A	-0.89	N/A	0.82
DDD	N/A	N/A	N/A	0.82
DUST	N/A	N/A	N/A	0.81
NUGT	N/A	N/A	N/A	0.81
SDS	N/A	N/A	N/A	0.81
FEYE	N/A	N/A	N/A	0.81
HOG	N/A	N/A	N/A	0.81
XOP	N/A	-0.84	N/A	0.80
MAT	N/A	N/A	N/A	0.80
NOV	N/A	-0.82	N/A	0.80

APA	N/A	N/A	N/A	0.80
ERX	N/A	N/A	N/A	0.79
M	N/A	N/A	N/A	0.79
DVN	N/A	-0.83	N/A	0.78
CTL	N/A	N/A	N/A	0.78
EWV	N/A	N/A	N/A	0.78
VOD	N/A	N/A	N/A	0.78
FLR	N/A	N/A	N/A	0.78

Symbol	30	90	200	full
SLB	N/A	N/A	N/A	0.77
AUY	N/A	N/A	N/A	0.77
JNUG	-0.75	N/A	N/A	0.75
KMI	N/A	0.76	N/A	0.75
MRO	N/A	-0.81	N/A	0.75
FAS	N/A	N/A	N/A	-0.75
ETFC	N/A	-0.80	N/A	-0.76
CSCO	N/A	N/A	N/A	-0.76
ADSK	N/A	N/A	N/A	-0.76
NVDA	N/A	N/A	N/A	-0.76
CRM	N/A	N/A	N/A	-0.76
MAR	N/A	N/A	N/A	-0.76
BBY	N/A	N/A	N/A	-0.77
YUM	N/A	N/A	N/A	-0.77
INTC	N/A	N/A	N/A	-0.77
XLF	N/A	N/A	N/A	-0.77
SBUX	N/A	N/A	N/A	-0.77
XLI	N/A	N/A	N/A	-0.78
MMM	N/A	N/A	N/A	-0.78
EBAY	N/A	N/A	N/A	-0.78
AAPL	N/A	N/A	N/A	-0.78
MSFT	N/A	N/A	N/A	-0.79
BK	N/A	-0.76	N/A	-0.79
ATVI	N/A	N/A	N/A	-0.79
JPM	N/A	N/A	N/A	-0.79

ADP	N/A	N/A	N/A	-0.80
HIG	N/A	N/A	N/A	-0.80
NKE	N/A	N/A	N/A	-0.80
MCD	N/A	N/A	N/A	-0.80
DHI	N/A	N/A	N/A	-0.80
TTWO	N/A	0.77	N/A	-0.80
V	N/A	N/A	N/A	-0.80
GD	N/A	N/A	N/A	-0.81

Symbol	30	90	200	full
TSN	N/A	N/A	N/A	-0.81
DLTR	N/A	N/A	N/A	-0.81
EXPE	-0.75	N/A	N/A	-0.81
HRL	N/A	N/A	N/A	-0.81
XLK	N/A	N/A	N/A	-0.81
CMCSA	N/A	N/A	N/A	-0.82
SPY	N/A	N/A	N/A	-0.82
ITW	N/A	N/A	N/A	-0.82
XLU	N/A	0.83	N/A	-0.82
SMH	N/A	N/A	N/A	-0.82
TXN	N/A	N/A	N/A	-0.82
JNJ	N/A	N/A	N/A	-0.83
RCL	N/A	N/A	N/A	-0.83
XLY	N/A	N/A	N/A	-0.83
MOMO	N/A	N/A	N/A	-0.83
QQQ	N/A	N/A	N/A	-0.83
SNE	N/A	N/A	N/A	-0.83
RTN	N/A	N/A	N/A	-0.84
BSX	N/A	0.81	N/A	-0.84
CTXS	N/A	N/A	N/A	-0.84
SYY	N/A	N/A	N/A	-0.84
LUV	N/A	N/A	N/A	-0.85
XLV	N/A	N/A	N/A	-0.85
EA	N/A	N/A	N/A	-0.85
MDT	N/A	0.85	N/A	-0.86

LOW	N/A	N/A	N/A	-0.86
XLP	N/A	N/A	N/A	-0.86
ED	N/A	0.79	N/A	-0.87
FB	N/A	N/A	N/A	-0.88
MNST	N/A	N/A	N/A	-0.89

XLE

Symbol	30	90	200	full

XLE Symbol	1.00 30	1.00 90	1.00 200	1.00 full
XOP	N/A	0.88	0.84	0.97
ERX	0.99	1.00	0.97	0.96
MRO	N/A	0.92	0.88	0.95
NOV	0.83	0.90	N/A	0.94
FCX	N/A	0.91	N/A	0.94
DVN	N/A	0.90	0.91	0.93
OIH	0.94	0.97	0.88	0.91
HES	N/A	N/A	N/A	0.91
USO	0.87	0.83	0.83	0.90
WLL	N/A	0.85	N/A	0.90
APA	N/A	0.84	0.88	0.90
APC	N/A	N/A	N/A	0.90
RIG	0.83	0.88	0.82	0.89
EPD	N/A	N/A	N/A	0.89
BRZU	N/A	N/A	N/A	0.88
UCO	0.86	0.83	0.85	0.88
OXY	N/A	0.86	N/A	0.88
FLR	N/A	0.89	0.82	0.87
MT	N/A	0.91	N/A	0.87
NBR	N/A	0.82	0.87	0.87
PAA	N/A	N/A	N/A	0.87

EWU	N/A	0.84	N/A	0.86
HYG	N/A	N/A	N/A	0.86
SWN	N/A	N/A	N/A	0.86
XOM	0.79	0.97	0.90	0.86
YELP	N/A	N/A	N/A	0.85
HAL	0.76	0.93	N/A	0.84
AMLP	N/A	N/A	0.78	0.83
SSYS	N/A	N/A	N/A	0.83
IBM	N/A	N/A	N/A	0.82
NUGT	N/A	N/A	N/A	0.82
RRC	N/A	N/A	N/A	0.81

Symbol	30	90	200	full
DDD	N/A	0.88	N/A	0.81
UNG	N/A	N/A	N/A	0.81
CLR	N/A	0.90	0.80	0.80
COG	N/A	N/A	N/A	0.80
YPF	N/A	N/A	N/A	0.80
EWV	N/A	N/A	N/A	0.79
AUY	N/A	N/A	N/A	0.79
SLB	0.79	0.97	0.88	0.79
GPS	N/A	0.79	N/A	0.79
CCJ	N/A	0.84	N/A	0.78
TBT	N/A	0.76	N/A	0.78
MOS	N/A	0.88	N/A	0.77
BP	N/A	0.80	N/A	0.77
FOSL	N/A	0.78	N/A	0.77
FXE	N/A	N/A	N/A	0.77
JNUG	N/A	N/A	N/A	0.76
AGNC	N/A	0.90	N/A	0.76
GSK	N/A	N/A	N/A	0.76
PLUG	N/A	N/A	N/A	0.76
WMB	N/A	0.76	N/A	0.75
SBUX	N/A	N/A	N/A	-0.77
HRL	N/A	N/A	N/A	-0.77

XLU

Symbol	30	90	200	full
XLU	1.00	1.00	1.00	1.00
ED	0.77	0.94	0.98	0.95
JNJ	N/A	N/A	N/A	0.92
BSX	N/A	0.87	N/A	0.90
MCD	N/A	0.80	0.85	0.90
XLP	N/A	0.84	0.87	0.89
CMCSA	N/A	N/A	0.90	0.88
IYR	0.81	0.87	0.94	0.88
ADP	N/A	N/A	0.92	0.87
SYN	N/A	N/A	N/A	0.87

Symbol	RO	RO	RO	RO
SPY	N/A	N/A	0.84	0.86
V	N/A	0.82	0.92	0.86
FB	N/A	N/A	0.85	0.86
XLK	N/A	N/A	0.86	0.86
ADSK	N/A	N/A	0.83	0.85
MSFT	N/A	0.80	0.91	0.85
GLW	N/A	N/A	N/A	0.85
QQQ	N/A	N/A	0.83	0.85
MDT	N/A	0.88	N/A	0.85
SMH	N/A	N/A	0.77	0.85
YUM	N/A	0.84	0.91	0.85
TXN	N/A	N/A	0.80	0.85
XLV	N/A	N/A	N/A	0.84
ITW	N/A	N/A	0.83	0.84
XLY	N/A	N/A	0.84	0.84
AMD	N/A	N/A	0.84	0.83
XLI	N/A	N/A	N/A	0.83
CSCO	N/A	N/A	0.93	0.83

CTXS	N/A	N/A	N/A	0.82
LOW	N/A	N/A	N/A	0.82
TTWO	N/A	0.85	N/A	0.82
CSX	N/A	N/A	0.80	0.81
SNE	N/A	N/A	N/A	0.81
DG	N/A	0.84	0.84	0.81
XLNX	N/A	N/A	N/A	0.81
CRM	N/A	N/A	N/A	0.81
RTN	N/A	N/A	N/A	0.80
TSN	N/A	N/A	0.87	0.80
MNST	N/A	N/A	0.79	0.79
JPM	N/A	N/A	N/A	0.79
AAPL	N/A	N/A	N/A	0.79
DHI	N/A	N/A	0.85	0.79

Symbol FAS	30 N/A	90 N/A	200 0.83	full 0.79
MOMO	N/A	N/A	N/A	0.78
RCL	N/A	N/A	N/A	0.78
MAR	N/A	N/A	0.86	0.78
XLF	N/A	N/A	N/A	0.78
NSC	N/A	N/A	0.83	0.77
BBY	N/A	N/A	N/A	0.77
LUV	N/A	N/A	N/A	0.77
DLTR	N/A	N/A	0.78	0.77
DE	N/A	N/A	N/A	0.76
PFE	N/A	N/A	N/A	0.75
MRK	N/A	N/A	0.85	0.75
HIG	N/A	0.84	0.86	0.75
SBUX	N/A	0.80	0.90	0.75
ABT	N/A	0.77	0.91	0.75
FIVE	N/A	N/A	N/A	0.75
NBR	N/A	-0.83	N/A	-0.75
SWN	N/A	-0.83	N/A	-0.76
AMLP	N/A	N/A	N/A	-0.76

MAT	N/A	N/A	N/A	-0.76
MYL	N/A	N/A	-0.78	-0.76
CTL	N/A	N/A	-0.77	-0.77
VIXY	N/A	N/A	-0.86	-0.79
DUST	N/A	-0.75	N/A	-0.80
TBT	N/A	-0.87	-0.80	-0.80
OIH	N/A	N/A	N/A	-0.80
RRC	N/A	-0.85	N/A	-0.80
TZA	N/A	N/A	N/A	-0.80
SIG	N/A	-0.78	N/A	-0.80
FOSL	N/A	-0.76	-0.83	-0.80
M	N/A	N/A	N/A	-0.81
TEVA	N/A	-0.83	-0.82	-0.81
SLB	N/A	N/A	N/A	-0.81

Symbol VOD	30 N/A	90 N/A	200 -0.76	full -0.83
SPWR	N/A	0.79	0.82	-0.83
F	N/A	N/A	N/A	-0.83
FAZ	N/A	N/A	N/A	-0.83
BBBY	N/A	-0.84	N/A	-0.85
DB	N/A	N/A	N/A	-0.87
VIXM	N/A	N/A	-0.79	-0.87

XLP

Symbol	30	90	200	full
XLP	1.00	1.00	1.00	1.00
ED	N/A	0.76	0.82	0.93
CMCSA	0.84	0.80	0.91	0.90
XLU	N/A	0.84	0.87	0.89
MDT	0.77	0.80	N/A	0.88

MNST	N/A	0.81	0.77	0.88
TSN	N/A	0.82	0.87	0.85
JNJ	N/A	N/A	N/A	0.85
IYR	N/A	0.76	0.82	0.83
LUV	N/A	N/A	N/A	0.83
FB	N/A	0.76	0.78	0.83
DLTR	N/A	N/A	N/A	0.82
LOW	N/A	N/A	N/A	0.82
MDLZ	N/A	0.95	0.87	0.82
ITW	N/A	N/A	0.76	0.81
HIG	0.84	0.95	0.82	0.81
SBUX	0.87	0.94	0.85	0.81
EXPE	N/A	N/A	N/A	0.81
KO	N/A	0.94	N/A	0.80
XLV	N/A	N/A	N/A	0.79
BSX	N/A	0.78	N/A	0.79
YUM	N/A	0.92	0.81	0.78
MCD	0.84	0.96	0.87	0.78

RCL Symbol	N/A 30	N/A 90	N/A 200	0.78 full
CRUS	N/A	N/A	N/A	0.77
SYU	N/A	N/A	0.79	0.77
DHI	N/A	N/A	N/A	0.77
MOMO	N/A	N/A	N/A	0.77
HRL	N/A	N/A	N/A	0.76
SPY	0.80	0.77	0.88	0.76
EA	N/A	N/A	N/A	0.76
GD	N/A	N/A	N/A	0.76
XLY	0.86	N/A	0.86	0.76
MMM	N/A	N/A	N/A	0.76
MO	N/A	N/A	N/A	0.75
RTN	N/A	N/A	N/A	0.75
TXN	N/A	N/A	N/A	0.75
TQQQ	0.78	N/A	0.83	0.75

QQQ	0.79	N/A	0.85	0.75
BBBY	N/A	-0.80	N/A	-0.75
F	N/A	N/A	0.88	-0.75
NOK	N/A	N/A	N/A	-0.76
NUGT	N/A	N/A	N/A	-0.76
DVN	N/A	N/A	N/A	-0.76
OXY	N/A	-0.79	N/A	-0.76
APA	-0.83	-0.78	N/A	-0.77
THC	N/A	-0.79	N/A	-0.77
NBR	N/A	N/A	N/A	-0.78
FEYE	0.76	N/A	N/A	-0.78
MRO	N/A	N/A	N/A	-0.78
ERX	N/A	N/A	N/A	-0.78
AMPLP	N/A	N/A	N/A	-0.79
DDD	N/A	N/A	N/A	-0.79
M	N/A	N/A	N/A	-0.79
SSYS	N/A	N/A	N/A	-0.80
MOS	N/A	N/A	N/A	-0.80

PAA Symbol	N/A 30	N/A 90	N/A 200	-0.80 full
TZA	N/A	N/A	N/A	-0.80
XOP	N/A	-0.77	N/A	-0.81
DUST	N/A	N/A	N/A	-0.81
UCO	N/A	N/A	N/A	-0.82
SPWR	N/A	0.86	0.87	-0.82
UVXY	-0.80	-0.79	-0.84	-0.83
NOV	N/A	-0.77	N/A	-0.83
USO	N/A	N/A	N/A	-0.83
VIXM	N/A	N/A	N/A	-0.83
OIH	N/A	N/A	N/A	-0.83
SDS	N/A	-0.75	-0.85	-0.84
WLL	N/A	-0.81	N/A	-0.84
UNG	N/A	-0.86	N/A	-0.84
RRC	-0.84	-0.93	N/A	-0.85

RIG	N/A	-0.83	N/A	-0.85
CCJ	N/A	N/A	N/A	-0.86
SWN	-0.79	-0.92	N/A	-0.86
DB	N/A	N/A	N/A	-0.86
FAZ	N/A	N/A	N/A	-0.86
FOSL	N/A	N/A	N/A	-0.89
VIXY	-0.80	N/A	-0.85	-0.89
TBT	N/A	-0.77	N/A	-0.89

XLY

Symbol	30	90	200	full
XLY	1.00	1.00	1.00	1.00
QQQ	0.94	0.97	0.98	0.99
XLK	0.91	0.98	0.98	0.99
V	0.93	0.76	0.94	0.99
SPY	0.95	0.98	0.98	0.98
MSFT	0.80	0.76	0.93	0.98
ADP	N/A	N/A	0.94	0.97
CRM	0.88	N/A	N/A	0.97

TXN Symbol	975	985	995	997
CSCO	N/A	0.80	0.94	0.97
SNE	0.87	N/A	N/A	0.96
ADSK	0.79	N/A	0.91	0.96
SYN	N/A	N/A	N/A	0.96
BSX	N/A	N/A	N/A	0.96
CTXS	N/A	N/A	N/A	0.96
SMH	0.80	0.77	0.94	0.96
JPM	0.91	0.75	0.79	0.95
XLV	N/A	N/A	N/A	0.95
FAS	0.94	0.89	0.96	0.95
AAPL	0.84	0.86	N/A	0.95
LOW	0.88	N/A	N/A	0.94

BBY	0.91	N/A	0.78	0.94
XLI	N/A	0.90	0.92	0.94
CSX	N/A	N/A	0.85	0.94
TTWO	0.83	N/A	N/A	0.93
MCD	0.91	N/A	0.81	0.93
MAR	0.77	0.95	0.96	0.93
XLF	0.91	0.88	0.87	0.92
ETFC	N/A	N/A	N/A	0.92
IWM	N/A	N/A	0.77	0.92
NKE	0.93	0.77	0.84	0.92
DE	N/A	N/A	N/A	0.91
FB	0.93	0.85	0.94	0.91
ABT	N/A	N/A	0.87	0.91
DG	0.75	N/A	0.88	0.91
INTC	0.76	N/A	N/A	0.91
BAC	0.80	N/A	N/A	0.90
AMD	0.94	N/A	0.92	0.90
RTN	N/A	N/A	N/A	0.90
DHI	N/A	N/A	0.90	0.90
NSC	N/A	N/A	0.92	0.90

NOC	N/A	N/A	0.92	0.90
Symbol	30	90	200	full
AMTD	N/A	N/A	N/A	0.90
FIVE	N/A	N/A	0.75	0.89
NVDA	0.77	N/A	N/A	0.89
LULU	0.82	0.83	0.95	0.88
PNC	0.83	0.84	0.77	0.88
GLW	N/A	N/A	N/A	0.87
RCL	N/A	N/A	N/A	0.87
SCHW	N/A	N/A	N/A	0.87
ITB	N/A	N/A	0.92	0.87
PFE	N/A	N/A	N/A	0.87
MOMO	N/A	N/A	N/A	0.86
ITW	N/A	N/A	0.92	0.86
UNP	0.77	N/A	0.87	0.86

XLNX	0.76	N/A	N/A	0.86
JNJ	N/A	N/A	N/A	0.86
VLO	N/A	N/A	N/A	0.86
SPLK	0.94	N/A	N/A	0.85
PHM	N/A	N/A	0.78	0.85
MDT	N/A	N/A	N/A	0.85
XBI	N/A	N/A	N/A	0.84
XLU	N/A	N/A	0.84	0.84
TNA	N/A	N/A	N/A	0.84
EBAY	N/A	0.80	0.89	0.84
NTAP	N/A	N/A	N/A	0.84
MNST	N/A	N/A	N/A	0.84
DAL	0.93	0.91	N/A	0.83
YUM	N/A	N/A	0.88	0.83
EA	N/A	N/A	N/A	0.83
VMW	N/A	N/A	N/A	0.82
CMCSA	0.86	N/A	0.92	0.82
EWJ	N/A	N/A	N/A	0.82
BK	N/A	N/A	N/A	0.81
ATVI	N/A	N/A	N/A	0.81

Symbol	30	90	200	full
HPQ	0.76	0.83	N/A	0.81
USB	N/A	N/A	N/A	0.81
DLTR	N/A	0.82	0.84	0.80
ABBV	N/A	N/A	N/A	0.80
CTSH	0.89	N/A	N/A	0.80
C	0.91	0.93	0.83	0.79
HIG	0.92	N/A	0.91	0.79
JBL	N/A	0.85	0.87	0.79
ED	N/A	N/A	0.79	0.79
LUV	N/A	N/A	N/A	0.79
DFS	N/A	N/A	0.91	0.79
XLB	N/A	0.81	0.93	0.79
AMAT	N/A	0.87	0.92	0.78

GD	0.84	0.93	N/A	0.78
MPC	N/A	N/A	N/A	0.78
CIEN	N/A	N/A	N/A	0.77
XHB	0.79	0.91	0.95	0.77
KO	N/A	N/A	N/A	0.77
PSX	0.90	N/A	N/A	0.77
CAT	N/A	N/A	N/A	0.77
XLP	0.86	N/A	0.86	0.76
SBUX	0.85	0.77	0.87	0.76
MRVL	0.84	0.83	0.94	0.76
DIS	N/A	N/A	0.84	0.76
MMM	N/A	N/A	N/A	0.76
KEY	N/A	0.81	N/A	0.75
CAH	N/A	N/A	N/A	-0.76
LB	N/A	N/A	N/A	-0.76
APA	-0.76	N/A	N/A	-0.76
NBR	N/A	N/A	N/A	-0.77
TTM	N/A	N/A	N/A	-0.77
FOSL	N/A	N/A	N/A	-0.77
SWN	-0.82	N/A	N/A	-0.77

Symbol	30	90	200	full
OIH	N/A	N/A	N/A	-0.78
DISH	0.85	N/A	0.88	-0.78
AMLP	0.92	N/A	N/A	-0.78
SPWR	N/A	N/A	0.82	-0.78
HOG	N/A	N/A	N/A	-0.79
GE	N/A	N/A	N/A	-0.82
DB	0.76	N/A	N/A	-0.82
SIG	N/A	N/A	N/A	-0.82
SLB	N/A	N/A	N/A	-0.83
VOD	N/A	N/A	N/A	-0.84
TEVA	N/A	N/A	N/A	-0.84
RRC	-0.80	N/A	N/A	-0.85
F	N/A	N/A	0.80	-0.85

TZA	0.81	N/A	N/A	-0.85
FAZ	0.78	N/A	N/A	-0.86
CTL	N/A	N/A	N/A	-0.87
MAT	N/A	N/A	N/A	-0.88
BBBY	N/A	N/A	N/A	-0.90
VIXM	-0.85	-0.75	-0.90	-0.92

Symbol	30	90	200	full
XLF	1.00	1.00	1.00	1.00
FAS	0.98	0.96	0.96	0.99
JPM	0.97	0.95	0.94	0.99
PNC	0.95	0.97	0.91	0.99
BAC	0.95	N/A	0.86	0.98
XLI	0.77	0.79	0.90	0.98
SMH	0.86	N/A	0.80	0.97
IWM	0.82	N/A	0.87	0.97
MAR	0.77	0.88	0.84	0.97
SPY	0.95	0.88	0.92	0.97
SCHW	N/A	N/A	N/A	0.97

BBY Symbol	0.94 30	N/A 90	0.81 200	0.96 full
TXN	0.84	0.76	0.77	0.96
AMTD	0.83	N/A	N/A	0.96
ETFC	N/A	N/A	N/A	0.95
NVDA	0.82	N/A	N/A	0.95
QQQ	0.91	0.83	0.87	0.95
TTWO	0.91	N/A	N/A	0.95
XLK	0.91	0.88	0.86	0.95

DE	N/A	N/A	N/A	0.94
USB	0.81	0.90	0.85	0.94
C	0.97	0.97	0.96	0.94
ITW	N/A	N/A	0.76	0.94
RTN	N/A	N/A	N/A	0.94
ITB	N/A	0.82	N/A	0.94
MS	0.90	N/A	N/A	0.93
AAPL	0.86	N/A	N/A	0.93
KEY	0.86	0.96	N/A	0.93
TNA	0.75	N/A	0.77	0.92
EWJ	N/A	N/A	N/A	0.92
SNE	0.84	0.84	N/A	0.92
XLY	0.91	0.88	0.87	0.92
BK	N/A	N/A	N/A	0.92
AMAT	0.79	0.80	0.78	0.92
CSX	N/A	N/A	0.80	0.92
XLB	N/A	N/A	0.87	0.92
ADSK	N/A	N/A	N/A	0.92
GLW	N/A	N/A	N/A	0.92
CTXS	N/A	N/A	N/A	0.91
FB	0.85	0.87	0.77	0.91
GD	0.88	0.83	N/A	0.91
RCL	N/A	N/A	N/A	0.90
DHI	N/A	N/A	N/A	0.90
PHM	N/A	N/A	N/A	0.90

Symbol EBAY	30 N/A	90 N/A	200 N/A	full 0.90
HPQ	0.77	N/A	N/A	0.90
MSFT	0.82	0.82	0.78	0.89
XLV	N/A	N/A	N/A	0.89
V	0.91	0.79	0.78	0.89
SYN	N/A	N/A	N/A	0.89
ABBV	N/A	N/A	N/A	0.88
MCD	0.89	0.78	N/A	0.88

JNJ	N/A	N/A	N/A	0.88
INTC	0.79	N/A	N/A	0.88
CAT	N/A	N/A	N/A	0.87
ADP	N/A	N/A	0.82	0.87
DFS	0.78	0.89	0.93	0.87
MMM	N/A	N/A	N/A	0.87
MOMO	N/A	N/A	N/A	0.87
CSCO	N/A	N/A	0.75	0.86
EA	N/A	N/A	N/A	0.86
ATVI	N/A	N/A	N/A	0.86
FDX	N/A	N/A	N/A	0.86
XBI	N/A	N/A	N/A	0.86
JBL	N/A	N/A	N/A	0.86
NSC	N/A	N/A	0.81	0.86
VLO	N/A	N/A	N/A	0.86
HIG	0.88	N/A	0.79	0.85
LUV	0.76	N/A	N/A	0.85
CRM	0.79	N/A	N/A	0.85
BSX	N/A	N/A	N/A	0.85
MRVL	0.80	0.92	0.77	0.84
EPI	N/A	N/A	N/A	0.84
MPC	0.79	N/A	N/A	0.84
XHB	N/A	0.90	0.78	0.84
COF	N/A	0.87	0.87	0.84
NTAP	N/A	N/A	N/A	0.83

Symbol	30	90	200	full
DAL	0.87	0.87	N/A	0.83
CMCSA	N/A	0.86	0.79	0.83
LOW	0.77	N/A	N/A	0.82
UNP	0.83	N/A	0.76	0.82
AMD	0.89	N/A	0.78	0.82
CCL	N/A	N/A	N/A	0.81
CTSH	0.84	N/A	N/A	0.81
NUE	N/A	N/A	N/A	0.81

ABT	N/A	N/A	N/A	0.80
MU	0.90	N/A	N/A	0.80
VMW	N/A	N/A	N/A	0.78
XLU	N/A	N/A	N/A	0.78
UTX	0.87	N/A	0.86	0.78
MNST	N/A	N/A	N/A	0.77
MGM	0.92	N/A	N/A	0.77
PSX	0.88	N/A	N/A	0.76
ED	N/A	N/A	N/A	0.75
XLNX	0.80	N/A	N/A	0.75
KMX	0.83	0.84	N/A	0.75
SPLK	0.90	N/A	N/A	0.75
FIVE	N/A	N/A	N/A	0.75
GE	N/A	N/A	N/A	-0.75
F	N/A	0.76	0.80	-0.75
LB	N/A	N/A	N/A	-0.77
RRC	-0.77	N/A	N/A	-0.78
SPWR	N/A	N/A	N/A	-0.79
SIG	N/A	N/A	N/A	-0.81
CTL	N/A	N/A	N/A	-0.82
BBBY	N/A	N/A	N/A	-0.86
MAT	N/A	N/A	N/A	-0.86
FAZ	0.87	N/A	N/A	-0.87
TZA	0.88	N/A	N/A	-0.88
TEVA	N/A	N/A	N/A	-0.90

Symbol	30	90	200	full
VIXM	-0.92	N/A	-0.82	-0.94

XLI

Symbol	30	90	200	full
XLI	1.00	1.00	1.00	1.00
SMH	0.81	0.86	0.91	0.98
XLF	0.77	0.79	0.90	0.98
SPY	0.82	0.89	0.96	0.98
FAS	N/A	N/A	0.92	0.98
TXN	0.83	0.86	0.88	0.98
JPM	N/A	N/A	0.76	0.97
XLK	0.84	0.89	0.91	0.97
IWM	N/A	0.80	0.92	0.97
MAR	N/A	0.87	0.89	0.97
BBY	0.79	N/A	0.80	0.96
QQQ	0.81	0.91	0.93	0.96
BAC	N/A	0.82	0.85	0.96
PNC	N/A	N/A	N/A	0.95
ITW	N/A	0.84	0.88	0.95
DE	0.77	0.79	N/A	0.95
TTWO	N/A	N/A	N/A	0.95
NVDA	0.80	N/A	N/A	0.95
GLW	N/A	N/A	N/A	0.95
RTN	N/A	N/A	0.76	0.94
ADSK	N/A	N/A	0.87	0.94
XLY	N/A	0.90	0.92	0.94
CSX	N/A	N/A	0.86	0.93
SCHW	N/A	N/A	N/A	0.93
ITB	N/A	N/A	0.83	0.93
ETFC	N/A	N/A	N/A	0.93
AMTD	N/A	N/A	N/A	0.93
AAPL	0.82	0.90	N/A	0.93
SNE	N/A	N/A	N/A	0.93
XLB	0.80	0.81	0.91	0.93
AMAT	0.77	0.80	0.84	0.92

Symbol CTXS	30 N/A	90 N/A	200 N/A	full 0.92
FB	N/A	N/A	0.85	0.92

USB	N/A	N/A	N/A	0.92
SYU	N/A	N/A	N/A	0.92
JNJ	N/A	N/A	N/A	0.91
TNA	N/A	N/A	0.79	0.91
MSFT	0.82	N/A	0.77	0.91
V	N/A	N/A	0.80	0.91
DHI	N/A	N/A	0.80	0.91
MCD	N/A	N/A	N/A	0.91
PHM	N/A	N/A	N/A	0.90
ADP	N/A	N/A	0.90	0.90
C	N/A	0.87	0.87	0.90
EWJ	N/A	N/A	N/A	0.90
HPQ	0.88	N/A	N/A	0.90
EBAY	0.79	N/A	0.86	0.89
XLV	N/A	N/A	N/A	0.89
CSCO	N/A	N/A	0.86	0.89
NSC	N/A	N/A	0.88	0.89
BK	N/A	N/A	N/A	0.89
INTC	0.79	N/A	N/A	0.89
BSX	N/A	N/A	N/A	0.89
RCL	N/A	N/A	0.81	0.88
CAT	N/A	0.76	N/A	0.88
GD	0.85	0.87	N/A	0.88
KEY	N/A	N/A	N/A	0.88
MMM	0.80	N/A	N/A	0.88
MS	0.88	N/A	N/A	0.88
CRM	N/A	N/A	0.76	0.88
MOMO	N/A	N/A	N/A	0.87
DFS	N/A	N/A	0.89	0.86
ABBV	N/A	N/A	N/A	0.86
AMD	N/A	N/A	0.83	0.86

Symbol	30	90	200	full
MRVL	N/A	N/A	0.83	0.86
ATVI	N/A	N/A	N/A	0.86
JBL	N/A	0.89	0.84	0.85
EA	N/A	N/A	N/A	0.85
LOW	N/A	N/A	0.77	0.85
UNP	0.77	N/A	0.89	0.85
CMCSA	N/A	N/A	0.79	0.85
LUV	N/A	0.78	N/A	0.84
EPI	N/A	N/A	N/A	0.84
NTAP	N/A	N/A	N/A	0.84
VLO	N/A	N/A	N/A	0.83
XLU	N/A	N/A	N/A	0.83
FDX	N/A	N/A	N/A	0.83
HIG	N/A	N/A	0.81	0.83
XHB	N/A	0.79	0.89	0.83
XBI	N/A	N/A	0.81	0.82
ABT	N/A	N/A	0.77	0.82
UTX	0.91	N/A	0.88	0.81
NUE	0.81	N/A	N/A	0.81
DAL	N/A	0.82	N/A	0.80
VMW	N/A	N/A	N/A	0.80
XLNX	0.82	N/A	N/A	0.80
MPC	0.77	N/A	N/A	0.80
ED	N/A	N/A	N/A	0.79
FIVE	N/A	N/A	N/A	0.79
MU	N/A	N/A	N/A	0.79
CTSH	0.83	N/A	N/A	0.79
ETN	N/A	0.77	0.95	0.78
COF	N/A	N/A	N/A	0.78
CCL	N/A	N/A	N/A	0.78
DG	N/A	N/A	N/A	0.78
WMT	N/A	N/A	N/A	0.77
MNST	N/A	N/A	N/A	0.77

Symbol	30	90	200	full
MGM	N/A	N/A	N/A	0.77
SPLK	N/A	N/A	N/A	0.77
PFE	N/A	N/A	N/A	0.76
GRMN	N/A	N/A	0.78	0.76
DLTR	N/A	0.76	N/A	0.75
PSX	N/A	N/A	N/A	0.75
GE	N/A	N/A	N/A	-0.75
RRC	N/A	N/A	N/A	-0.76
F	N/A	N/A	N/A	-0.77
SPWR	N/A	N/A	N/A	-0.80
LB	N/A	N/A	N/A	-0.80
CTL	N/A	N/A	N/A	-0.81
MAT	N/A	N/A	N/A	-0.83
SIG	N/A	N/A	N/A	-0.85
FAZ	N/A	N/A	N/A	-0.86
TZA	N/A	N/A	N/A	-0.88
BBBY	N/A	N/A	N/A	-0.88
TEVA	N/A	N/A	N/A	-0.91
VIXM	N/A	-0.80	-0.96	-0.95
XLB				
Symbol	30	90	200	full
XLB	1.00	1.00	1.00	1.00
XLI	0.80	0.81	0.91	0.93
IWM	N/A	N/A	0.79	0.92
XLF	N/A	N/A	0.87	0.92
CAT	N/A	N/A	N/A	0.92
TNA	N/A	N/A	N/A	0.91
FAS	N/A	N/A	0.92	0.91
AMAT	N/A	0.76	0.87	0.91
HPQ	0.76	0.84	N/A	0.90
C	N/A	N/A	0.81	0.90
MAR	N/A	0.88	0.84	0.88

MAK Symbol	N/A 30	0.80 90	0.91 200	0.90 full
MS	0.76	N/A	N/A	0.90
MRVL	N/A	N/A	0.83	0.90
PNC	N/A	N/A	0.81	0.90
EWJ	N/A	N/A	N/A	0.90
BAC	N/A	N/A	0.75	0.89
EPI	N/A	N/A	N/A	0.89
KEY	N/A	N/A	N/A	0.89
SMH	N/A	N/A	0.88	0.89
PHM	N/A	N/A	N/A	0.89
ITB	N/A	N/A	0.82	0.88
GLW	N/A	N/A	N/A	0.88
DE	N/A	0.76	N/A	0.88
BBY	N/A	N/A	N/A	0.88
ITW	N/A	N/A	0.88	0.88
SPY	N/A	0.83	0.94	0.88
SCHW	N/A	N/A	N/A	0.88
NVDA	N/A	N/A	N/A	0.87
JPM	N/A	N/A	0.75	0.87
USB	N/A	N/A	N/A	0.87
ETN	N/A	N/A	0.86	0.87
AMTD	N/A	N/A	N/A	0.87
UTX	0.80	N/A	0.75	0.87
MU	N/A	N/A	N/A	0.87
TXN	N/A	0.77	0.88	0.87
DFS	N/A	N/A	0.83	0.86
NUE	N/A	N/A	N/A	0.86
FDX	N/A	N/A	N/A	0.85
COF	N/A	N/A	N/A	0.85
ETFC	N/A	N/A	N/A	0.85
TTWO	N/A	N/A	N/A	0.85
XLK	N/A	0.82	0.90	0.84

BK	N/A	N/A	N/A	0.84
ADRY	N/A	N/A	N/A	0.84

ABBV	N/A	N/A	N/A	0.84
Symbol	30	90	200	full
EEM	N/A	N/A	0.78	0.84
MMM	0.76	N/A	N/A	0.83
CSX	N/A	N/A	0.80	0.83
QQQ	N/A	0.76	0.90	0.83
AAPL	N/A	N/A	N/A	0.83
RTN	N/A	N/A	N/A	0.83
EWY	N/A	N/A	N/A	0.82
ADSK	N/A	N/A	0.81	0.81
XHB	N/A	0.77	0.88	0.81
GD	N/A	0.82	N/A	0.81
NSC	N/A	N/A	0.82	0.81
EBAY	N/A	N/A	0.82	0.81
JNJ	N/A	N/A	N/A	0.80
DHI	N/A	N/A	0.79	0.80
SNE	N/A	N/A	N/A	0.80
MGM	N/A	0.88	N/A	0.80
JBL	N/A	N/A	0.84	0.80
INTC	N/A	N/A	N/A	0.80
APO	N/A	N/A	0.78	0.79
VWO	N/A	N/A	0.81	0.79
FB	N/A	N/A	0.80	0.79
NTAP	N/A	N/A	N/A	0.79
XLY	N/A	0.81	0.93	0.79
UNP	N/A	N/A	0.79	0.78
EMR	0.80	N/A	N/A	0.78
CTXS	N/A	N/A	N/A	0.77
MPC	N/A	N/A	N/A	0.77
ATVI	N/A	N/A	N/A	0.77
XBI	N/A	N/A	N/A	0.77
WMT	N/A	N/A	0.82	0.76
HEDJ	N/A	0.76	0.90	0.76

GM	N/A	N/A	N/A	0.75
Symbol	N/A	N/A	N/A	0.75

XLV	N/A	N/A	N/A	0.75
Symbol	30	90	200	full
MSFT	N/A	N/A	0.83	0.75
TZA	N/A	N/A	N/A	-0.76
VIXM	N/A	-0.76	-0.88	-0.82
TEVA	N/A	N/A	N/A	-0.83