Group Selection

Priced as of June 4, 2019

Note: Group tickers incorporate hyperlinks to decile charts, and then a link to our Toolkit of the group members.

See back pages for user guide and disclaimer.
Sources for all charts: BMO Capital Markets
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### Sector Relative Strength Profiles *

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<tbody>
<tr>
<td>Energy</td>
<td>27% / 30% / 25%</td>
<td>/ / /</td>
<td>0% / -2% / -6%</td>
</tr>
<tr>
<td>Materials</td>
<td>31% / 33% / 30%</td>
<td>/ / /</td>
<td>5% / 5% / 0%</td>
</tr>
<tr>
<td>Industrials</td>
<td>40% / 43% / 41%</td>
<td>/ / /</td>
<td>4% / 4% / 1%</td>
</tr>
<tr>
<td>CMR Disc</td>
<td>41% / 42% / 39%</td>
<td>/ / /</td>
<td>-3% / -3% / -7%</td>
</tr>
<tr>
<td>CMR Stap</td>
<td>41% / 45% / 41%</td>
<td>/ / /</td>
<td>5% / 1% / 0%</td>
</tr>
<tr>
<td>Health Care</td>
<td>43% / 43% / 40%</td>
<td>/ / /</td>
<td>1% / 2% / -1%</td>
</tr>
<tr>
<td>Financials</td>
<td>37% / 39% / 36%</td>
<td>/ / /</td>
<td>12% / 13% / 6%</td>
</tr>
<tr>
<td>Info Tech</td>
<td>62% / 63% / 60%</td>
<td>/ / /</td>
<td>-8% / -5% / -10%</td>
</tr>
<tr>
<td>Comm Srv</td>
<td>36% / 43% / 38%</td>
<td>/ / /</td>
<td>8% / 6% / 3%</td>
</tr>
<tr>
<td>Utilities</td>
<td>41% / 49% / 42%</td>
<td>/ / /</td>
<td>14% / 13% / 10%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>53% / 59% / 50%</td>
<td>/ / /</td>
<td>2% / 2% / -4%</td>
</tr>
</tbody>
</table>

*Three terms define the relative performance Z-Score rating versus the markets (US = S&P 500; GBL = MSCI AC World; CDA = S&P/TSX Composite)
(a) % Outperforming - what percentage of sector members is outperforming the market,
(b) Reward/Risk - how consistent is the median relative strength performance of the sector membership (owość / ranking),
(c) Trend Psn - what is the net percentage of the sector members which are breaking above/below relative strength channels.
The strength z-Score is weighted 60% towards the trend parameters (% outperforming and reward/risk ratios) and 40% towards the trend positions (reversals of trends). Gridlines are placed at 0.5 increments.

See Help Pages for further details
Momentum

Strength

June 4, 2019

Mark Steele (416) 359-4641

Energy

Coal & Uran
21 stocks; $81bn

OG RfMkt
35 stocks; $458bn

OG Equip
54 stocks; $179bn

OG StTr
66 stocks; $621bn

Int O&G
32 stocks; $1735bn

OG Drill
10 stocks; $19bn

OG E&P
45 stocks; $697bn

OG RfMkt
35 stocks; $458bn

OG Equip
54 stocks; $179bn

OG StTr
66 stocks; $621bn

Int O&G
32 stocks; $1735bn

OG Drill
10 stocks; $19bn

OG E&P
45 stocks; $697bn
Momentum

Strength

Telecommunication Services

June 4, 2019

WlsTelSrv
42 stocks; $862bn
IntgTelSrv
55 stocks; $1291bn

AltCar
5 stocks; $34bn

Publishing
14 stocks; $46bn

IntMeSer
43 stocks; $1370bn
Broadcast
20 stocks; $86bn

Cabl&Sat
24 stocks; $405bn
Mov&Ent
26 stocks; $534bn

Advert
17 stocks; $103bn

IntHmEnt
23 stocks; $238bn
Momentum

Strength

June 4, 2019

Mark Steele (416) 359-4641

Utilities

IPPTrad
25 stocks, $133bn

RenewElec
25 stocks, $137bn

GasUtil
34 stocks, $251bn

MultiUtil
35 stocks, $501bn

ElecUtil
86 stocks, $1236bn

WaterUtil
24 stocks, $100bn
Momentum

Strength

June 4, 2019

Mark Steele (416) 359-4641

Real Estate

- **REstOpCo**: 38 stocks, $255bn
- **ResidREIT**: 29 stocks, $192bn
- **REstDevl**: 39 stocks, $360bn
- **HCareREIT**: 17 stocks, $113bn
- **DiversREIT**: 25 stocks, $156bn
- **IndusREIT**: 28 stocks, $143bn
- **SpecREIT**: 31 stocks, $396bn
- **OfficeREIT**: 35 stocks, $187bn
- **REstDvAct**: 35 stocks, $322bn
- **REstSrv**: 13 stocks, $40bn
- **RetailREIT**: 50 stocks, $283bn
- **HotelREIT**: 18 stocks, $53bn

BMO Capital Markets
User Guide 1 - Definitions & Dataset

Group Strength
Our Global Group analysis is based on bottom-up equity relative strength analysis as opposed to industry group (index) relative strength analysis.

Strength Decile Defined By
1. What percentage of a group's members are outperforming
2. How consistent that outperformance is
3. How the are members positioned (above/below) vs. their trend channels.

Momentum Decile
Rate of change of strength (change in 5-day moving average)

The Underlying Equity Relative Strength Analysis
Each day, for every equity we cover, our relative strength system assesses the best fit trend from a spectrum which covers a minimum trend duration of six months, and a maximum of 4-years. The "best fit" is the trend which maximizes duration, and minimizes deviation from the trend. Our process is flexible, thorough, and because it is run daily, timely.

The Dataset:
- Over 5,700 securities.
- Groups have a:
  ...Median depth of 28
  ...Average depth of 36

Heat Map Colour and Symbol Guide
Strength is highlighted by the background of the group title
- Bright green = best (1st decile) transitions towards...
- Bright red = worst (10th decile)
Momentum is highlighted in the border of the group title
- Colour map for momentum is the same as strength
Symbols to the right of the group ticker show where a group moved from in the previous session. Below the group symbol we highlight the number and total market capitalization of the members in a group. Clicking on the group, which brings up the chart via a hyperlink, will help to clarify the moves.
Our Goals:
- To buy outperforming stocks in favoured groups
- To avoid underperforming stocks in unfavoured groups
- To be alerted of and act on the changes

#1 Rule of Momentum: You can use it only if it exists

- In stable/trending markets, one can buy stocks with high strength and momentum and hold them as long as momentum does not turn negative (trend following).

- In very rotational markets (e.g., where credit, currency, commodity conditions are choppy/changing):
  - Buying high strength and high momentum may be dangerous (buying yesterday’s winners).
  - One is better off buying stocks with moderate strength and high momentum (bottom fishing).
Buy

- Groups with high strength and high positive momentum (top left) - “In Favour”
- Groups with moderate strength and high positive momentum - “Transitioning to Positive”
- Groups with mediocre strength and high positive momentum - “Gaining Favour”

Buy/Hold

- Groups with high strength and neutral momentum (middle left) - “Maintaining Favour”

Sell

- Groups with low strength and high negative momentum (bottom right) - “Out of Favour”
- Groups with moderately negative strength and high negative momentum - “Transitioning to Negative”
- Groups with mediocre strength and high negative momentum - “Losing Favour”
User Guide 4 - Hyperlinks To Decile Charts & Stock Selection

- Each group is hyperlinked to a chart that shows the relative strength decile as a function of time, and the moving average (momentum).

- Each chart is hyperlinked to the group membership, in our RS Filter Toolkit.
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<tr>
<td>Buy</td>
<td>Outperform</td>
<td>43.2%</td>
<td>22.8%</td>
<td>57.4%</td>
<td>44.1%</td>
<td>57.0%</td>
<td>52.8%</td>
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<tr>
<td>Hold</td>
<td>Market Perform</td>
<td>53.2%</td>
<td>13.1%</td>
<td>40.6%</td>
<td>52.6%</td>
<td>41.1%</td>
<td>41.6%</td>
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<tr>
<td>Sell</td>
<td>Underperform</td>
<td>3.7%</td>
<td>9.5%</td>
<td>2.0%</td>
<td>3.2%</td>
<td>1.6%</td>
<td>5.5%</td>
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* Reflects rating distribution of all companies covered by BMO Capital Markets Corp. equity research analysts.
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(S) = Speculative investment;
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