





In this data report, we analyse South Korea Motor Vehicles holdings among active Global Funds. For benchmark comparisons, we use the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap, proportionally adjusted to remove any cash holdings. The current fund sample spans 362 active funds with a combined AUM of \$961.79Bn.

We analyse the latest published filings for all funds and aggregate together as of 7/31/2022. We show the most recent snapshot in positioning, time series data going back to 9/30/2012 and recent allocation shifts by the managers in our analysis.

All Cash Flow calculations are on a best estimates basis. We use monthly position changes and month end prices to estimate the net buying and selling value for each stock within each fund in our analysis.

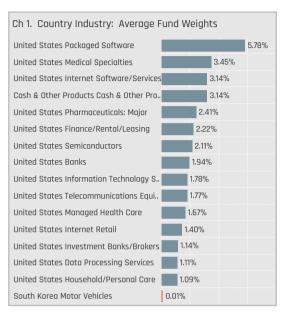


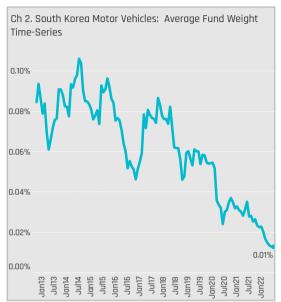
## Peer Group and Time-Series Ownership Data



Chart 1. The equally weighted average fund weight, among active Global managers by Country Industry

Chart 2. The time series of average fund weight for South Korea Motor Vehicles stocks





Ch 5. Country Industry: Funds Invested % Cash & Other Products Cash & Other Pr.. 95.86% United States Packaged Software 89,50% United States Medical Specialties 81.77% United States Internet Software/Servic. 77.62% 74,59% United States Semiconductors 74,31% United States Information Technology 73.20% United States Finance/Rental/Leasina 66.57% United States Banks United States Pharmaceuticals: Maior 63.54% 61.05% United States Data Processing Services 58.84% United States Managed Health Care United States Investment Banks/Broker 58.29% 53.87% United States Telecommunications Equi

United States Household/Personal Care

United States Biotechnology

South Korea Motor Vehicles



Chart 3. The average fund weight minus the weight in the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap, by Country Industry. A positive value represents an 'overweight' position on average, a negative value represents an 'underweight'.

Chart 4. The time series of average fund weight minus benchmark for South Korea Motor Vehicles stocks



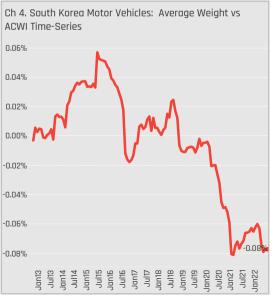


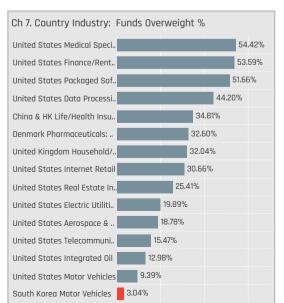
Chart 7. The percentage of active Global funds who are overweight the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap weight, by Country Industry

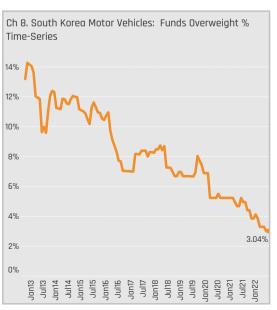
Chart 5. The 'Funds Invested %' measures the percentage of active Global funds with exposure to each Country Industry. A figure of

Chart 8. The time series of Funds Overweight % for South Korea Motor Vehicles stocks

3,59%

100% means that every fund in our analysis has some exposure to that Country Industry Chart 6. The time series of funds invested % for South Korea Motor Vehicles stocks

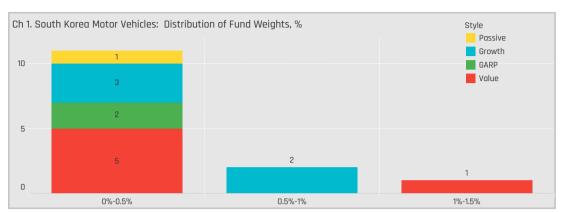




# Fund Holdings

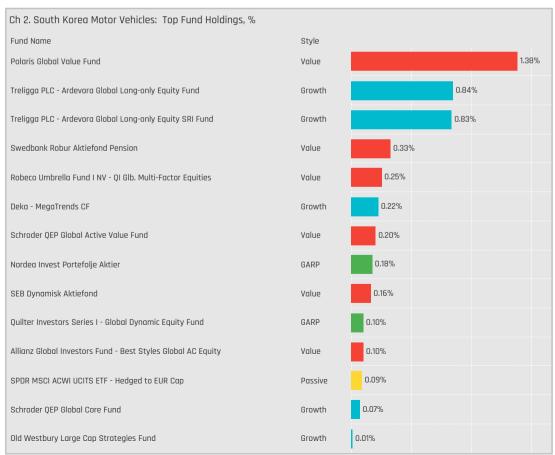


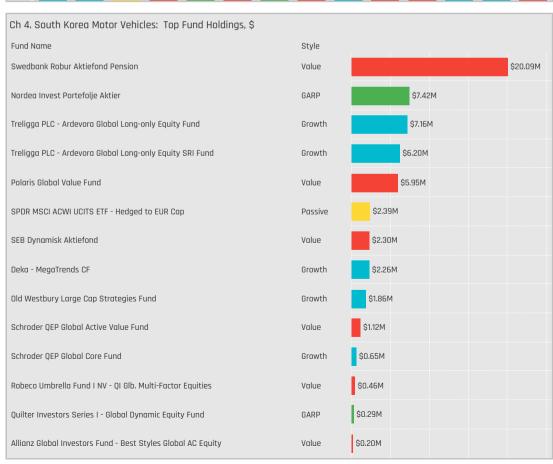
Chart 1. The distribution of South Korea Motor Vehicles weights among the 362 active Global funds in our analysis, broken down by fund Style.











#### Aggregate Ownership Changes



Chart 1. Measures the largest changes in average Country Industry weight between 1/31/2022 and 7/31/2022.

Chart 3. Measures the largest changes in the percentage of funds invested in each Country Industry between 1/31/2022 and 7/31/2022.

Chart 5. Shows the cumulative fund flows for South Korea Motor Vehicles stocks among the 362 active Global funds in our analysis. Monthly fund flows are estimated by multiplying the monthly change in stock position by the stock price for every position in every fund in our analysis.

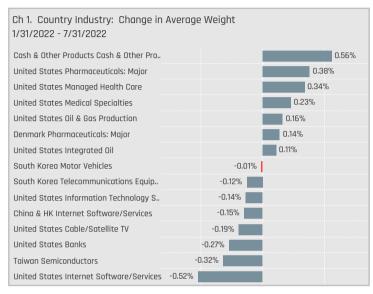


Chart 2. Measures the largest changes in the average Country Industry weight vs ACWI between 1/31/2022 and 7/31/2022. An increasing figure would indicate an increasing overweight or decreasing underweight.

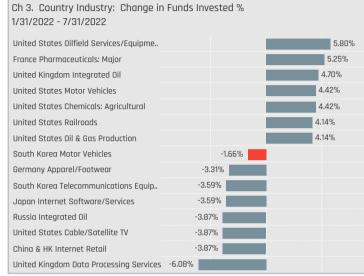
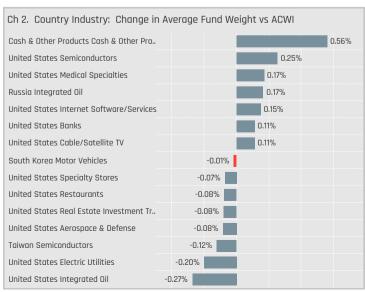


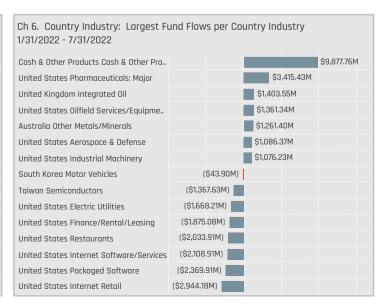
Chart 4. Measures the largest changes in the percentage of funds overweight each Country Industry compared to the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap between 1/31/2022 and 7/31/2022. An increasing figure would indicate more funds are positioning themselves overweight over the period.



Chart 6. Measures the largest estimated fund flows for each Country Industry between 1/31/2022 and 7/31/2022.







## Fund Holding Changes



Chart 1. The largest fund weight increases in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022. Chart 2. The largest fund weight decreases in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022 Both charts show the current weight and whether the weight change represented a new or closed position.

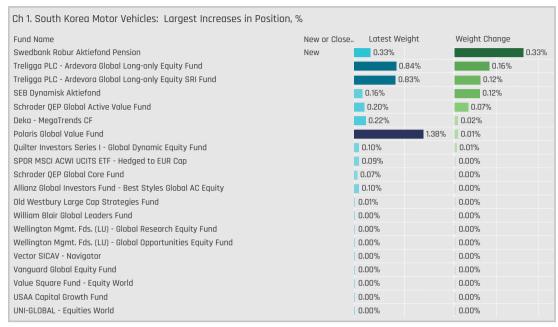


Chart 3. The largest buyers in US dollar terms in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022. Chart 4. The largest sellers in US dollar terms in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022 Both charts show the current AUM and whether the fund flow represented a new or closed position.

| wedbank Robur Aktiefond Pension Nev<br>EB Dynamisk Aktiefond<br>religga PLC - Ardevora Global Long-only Equity Fund<br>religga PLC - Ardevora Global Long-only Equity SRI Fund<br>chroder OEP Global Active Value Fund | \$2.30M<br>\$7.16M |         | 000 0 414 |
|--|--------------------|---------|-----------|
| religga PLC - Ardevora Global Long-only Equity Fund<br>religga PLC - Ardevora Global Long-only Equity SRI Fund   |                    | 04.0014 | \$20.94M  |
| religga PLC - Ardevora Global Long-only Equity SRI Fund  | \$7.16M            | \$1.82M |           |
|  |                    | \$1.63M |           |
| throder OEP Global Active Value Fund   | \$6.20M            | \$0.83M |           |
| inodel QL olobal fielde falla  | \$1.12M            | \$0.40M |           |
| ld Westbury Large Cap Strategies Fund  | \$1.86M            | \$0.31M |           |
| chroder QEP Global Core Fund   | \$0.65M            | \$0.00M |           |
| olaris Global Value Fund   | \$5.95M            | \$0.00M |           |
| eka - MegaTrends CF  | \$2.26M            | \$0.00M |           |

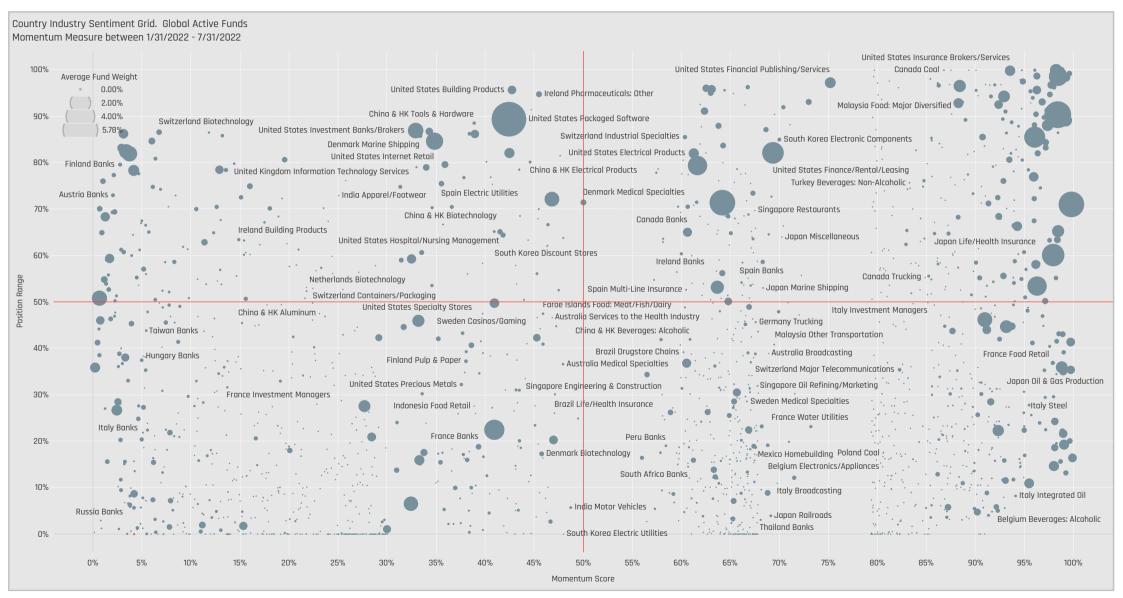
| Ch 2. South Korea Motor Vehicles: Largest Decreases in    | Position, % |                 |          |        |
|---|-------------|-----------------|----------|--------|
| Fund Name   | New or Clos | e Latest Weight | Weight C | hange  |
| Kempen Global High Dividend Fund NV                       | Close       | 0.00%           | -1.20%   |        |
| LBPAM Actions Monde                                       | Close       | 0.00%           | -1.12%   |        |
| Carmignac Investissement                                  | Close       | 0.00%           | -0.8     | 37%    |
| Artemis SmartGARP Global Equity Fund                      | Close       | 0.00%           |          | -0.50% |
| Artemis Institutional Global Capital Fund                 | Close       | 0.00%           |          | -0.49% |
| Robeco Umbrella Fund I NV - QI Glb. Multi-Factor Equities |             |                 | 0.25%    | -0.14% |
| Merian Glb. Invs. Ser. Plc - Equity Income Fund (IRL)     | Close       | 0.00%           |          | -0.11% |
| SEB Aktiesparfond   | Close       | 0.00%           |          | -0.05% |
| Nordea Invest Portefolje Aktier                           |             | 0.18%           |          | -0.01% |
|   |             |                 |          |        |

| Carmignac Investissement Close LBPAM Actions Monde Close Kempen Global High Dividend Fund NV Close Artemis SmartGARP Global Equity Fund Close Nordea Invest Portefolje Aktier SEB Aktiesparfond Close |         | (\$35.87M)<br>(\$15.99M)<br>(\$11.35M)<br>(\$3.93M) |
|---|---------|---|
| Kempen Global High Dividend Fund NV Close Artemis SmartGARP Global Equity Fund Close Nordea Invest Portefolje Aktier  |         | (\$11.35M)  |
| Artemis SmartGARP Global Equity Fund Close Nordea Invest Portefolje Aktier  | 07.404  |   |
| Nordea Invest Portefolje Aktier   | À7.40.4 | เล้ว อวพา   |
|   | A7 4014 | (المان دردن)  |
| SEB Aktiesparfond Close   | \$7.42M | (\$1.11M)   |
|   |         | (\$0.52M)   |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap  | \$2.39M | (\$0.36M)   |
| Robeco Umbrella Fund I NV - QI Glb. Multi-Factor Equities   | \$0.46M | (\$0.35M)   |
| Artemis Institutional Global Capital Fund Close   |         | (\$0.17M  |
| Quilter Investors Series I - Global Dynamic Equity Fund   | \$0.29M | (\$0.14M  |
| Merian Glb. Invs. Ser. Plc - Equity Income Fund (IRL) Close   |         | (\$0.03M  |
| Allianz Global Investors Fund - Best Styles Global AC Equity  | \$0.20M | (\$0.01M  |

#### Country Industry Sentiment Grid



Sentiment Grid: We combine the latest Country Industry positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each Country Industry sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 9/30/2012). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest. The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested % and funds o/w % between 1/31/2022 and 7/31/2022, relative to each Country Industry. A figure above 50% means a Country Industry has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each Country Industry.



Position Range: Average of: Z-Score Average Weight vs history Z-Score Funds Invested % vs history Z-Score Funds O/W % vs history Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)

## Aggregate Stock Holdings



Chart 1. The largest 10 stock holdings in South Korea Motor Vehicles, by Average Weight. The chart also shows the average weight as a percentage of the total South Korea Motor Vehicles weight, and the cumulative total.

Chart 2. Shows aggregate stock holdings data for South Korea Motor Vehicles stocks, ranked by Funds Invested % (most widely held).



Chart 3. Top 5 overweight and underweight South Korea Motor Vehicles stock positions / as a percentage of the total South Korea Motor Vehicles weight relative to benchmark.

Charts 4&5. The largest overweight and underweight stock holdings, plus associated aggregate holdings data.



| ı | Ch 2. South Korea Motor Vehi | cles: Agaregate Stock Holdin | as Data. Ranked b | v Most Widely Held. |
|---|------------------------------|------------------------------|-------------------|---------------------|
|   |                              |                              |                   |                     |

| Ticker    | Stock Name                      | Funds Invested % | Average Weight | Vs Benchmark | Fund AUM, \$ |
|-----------|---------------------------------|------------------|----------------|--------------|--------------|
| 000270-KR | KIA Motors Corporation          | 2.76%            | 0.01%          | -0.02%       | \$27.03M     |
| 005380-KR | Hyundai Motor Company           | 0.83%            | 0.00%          | -0.05%       | \$31.27M     |
| 005387-KR | Hyundai Motor Co Ltd Pfd. Shs 2 | 0.00%            | 0.00%          | 0.00%        | \$0.05M      |

Ch 4. South Korea Motor Vehicles: Aggregate Stock Holdings Data, Largest Overweight Holdings

| C | h 5. Sout | h Korea Mo | tor Vehicles: | Aggregate Stoc | k Holdings Data, | Largest Un | nderweight Holdings |  |
|---|-----------|------------|---------------|----------------|------------------|------------|---------------------|--|
|   |           |            |               |                |                  |            |                     |  |

| Ticker    | Stock Name                      | Vs Benchmark | Average Weight | Funds Invested % | Fund AUM, \$ |
|-----------|---------------------------------|--------------|----------------|------------------|--------------|
| 005380-KR | Hyundai Motor Company           | -0.05%       | 0.00%          | 0.83%            | \$31.27M     |
| 000270-KR | KIA Motors Corporation          | -0.02%       | 0.01%          | 2.76%            | \$27.03M     |
| 005387-KR | Hyundai Motor Co Ltd Pfd. Shs 2 | 0.00%        | 0.00%          | 0.00%            | \$0.05M      |

## Fund Level Stock Holdings

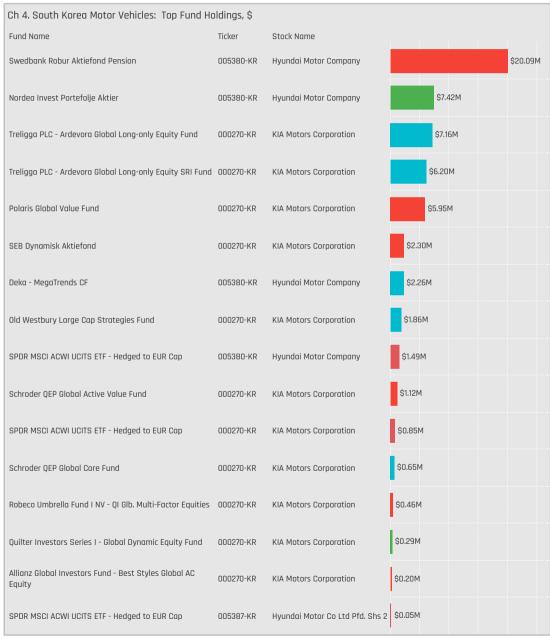
Passive



Chart 1. South Korea Motor Vehicles: The largest individual fund level stock holdings by fund weight, coloured by fund Style,

Chart 2. South Korea Motor Vehicles: The largest individual fund level stock holdings by \$ AUM. coloured by fund Style.





#### South Korea Motor Vehicles

## Aggregate Stock Holding Changes

005387-KR

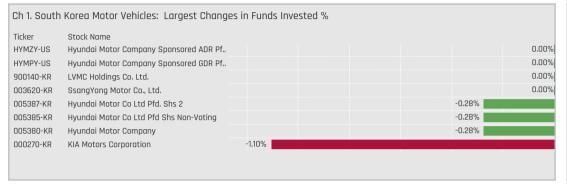
Hyundai Motor Co Ltd Pfd. Shs 2

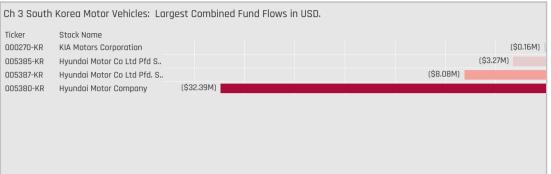


Chart 1. The 10 South Korea Motor Vehicles stocks seeing the largest changes in funds invested % between 1/31/2022 - 7/31/2022. A positive figure shows more funds buying in to the stock, a negative figure funds closing out.

Chart 2. The largest increases in funds invested %, together with average weight changes, relative to benchmark changes and combined fund flows.

Chart 3. The 10 South Korea Motor Vehicles stocks seeing the largest USD fund flows between 1/31/2022 - 7/31/2022. Chart 4. The largest decreases in funds invested %, together with average weight changes, relative to benchmark changes and combined fund flows.





| Ch 2. South Korea Motor Vehicles | : Aggregate Stock Ho | oldings Changes - | Largest Increases in | Funds Invested %. |
|----------------------------------|----------------------|-------------------|----------------------|-------------------|
|----------------------------------|----------------------|-------------------|----------------------|-------------------|

| Fund Flows, \$ |
|----------------|
|                |
|                |
|                |
|                |
|                |

|           |   |                           |                         | Average Wgt vs     |                |
|-----------|---|---------------------------|-------------------------|--------------------|----------------|
| Ticker    | Stock Name                              | Funds Invested % $\Delta$ | Average Weight $\Delta$ | Benchmark $\Delta$ | Fund Flows, \$ |
| 000270-KR | KIA Motors Corporation                  | -1.10%                    | 0.00%                   | -0.01%             | (\$0.16M)      |
| 005380-KR | Hyundai Motor Company                   | -0.28%                    | 0.00%                   | 0.00%              | (\$32.39M)     |
| 005385-KR | Hyundai Motor Co Ltd Pfd Shs Non-Voting | -0.28%                    | 0.00%                   | 0.00%              | (\$3.27M)      |

-0.28%

0.00%

0.00%

(\$8.08M)

Ch 4. South Korea Motor Vehicles: Aggregate Stock Holdings Changes - Largest Decreases in Funds Invested %.

# Fund Level Stock Holding Changes



Chart 1. The largest fund weight increases in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022. Chart 2. The largest fund weight decreases in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022 Both charts show the current weight and whether the weight change represented a new or closed position.

| Ch 1. South Korea Motor Vehicles: Larges           | st Increases i | n Position, %             |              |               |               |
|--|----------------|---------------------------|--------------|---------------|---------------|
| Fund Name  | Ticker         | Stock Name                | New or Close | Latest Weight | Weight Change |
| Swedbank Robur Aktiefond Pension                   | 005380-KR      | Hyundai Motor Company     | New          | 0.33%         | 0.33%         |
| Treligga PLC - Ardevora Global Long-only Equity    | 000270-KR      | KIA Motors Corporation    |              | 0.84%         | 0.16%         |
| Treligga PLC - Ardevora Global Long-only Equity    | 000270-KR      | KIA Motors Corporation    |              | 0.83%         | 0.12%         |
| SEB Dynamisk Aktiefond                             | 000270-KR      | KIA Motors Corporation    |              | 0.16%         | 0.12%         |
| Schroder QEP Global Active Value Fund              | 000270-KR      | KIA Motors Corporation    |              | 0.20%         | 0.07%         |
| Deka - MegaTrends CF                               | 005380-KR      | Hyundai Motor Company     |              | 0.22%         | 0.02%         |
| Polaris Global Value Fund                          | 000270-KR      | KIA Motors Corporation    |              | 1.38%         | 0.01%         |
| Quilter Investors Series I - Global Dynamic Equity | 000270-KR      | KIA Motors Corporation    |              | 0.10%         | 0.01%         |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap       | 000270-KR      | KIA Motors Corporation    |              | 0.03%         | 0.00%         |
| Schroder QEP Global Core Fund                      | 000270-KR      | KIA Motors Corporation    |              | 0.07%         | 0.00%         |
| Allianz Global Investors Fund - Best Styles Global | 000270-KR      | KIA Motors Corporation    |              | 0.10%         | 0.00%         |
| Old Westbury Large Cap Strategies Fund             | 000270-KR      | KIA Motors Corporation    |              | 0.01%         | 0.00%         |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap       | 005387-KR      | Hyundai Motor Co Ltd Pfd  |              | 0.00%         | 0.00%         |
| William Blair Global Leaders Fund                  | 005380-KR      | Hyundai Motor Company     |              | 0.00%         | 0.00%         |
| Wellington Mgmt. Fds. (LU) - Global Research Equ.  | 005380-KR      | Hyundai Motor Company     |              | 0.00%         | 0.00%         |
| Wellington Mgmt. Fds. (LU) - Global Opportunitie   | 005380-KR      | Hyundai Motor Company     |              | 0.00%         | 0.00%         |
| Vector SICAV - Navigator                           | 000270-KR      | KIA Motors Corporation    |              | 0.00%         | 0.00%         |
| Vanguard Global Equity Fund                        | 005380-KR      | Hyundai Motor Company     |              | 0.00%         | 0.00%         |
| Vanguard Global Equity Fund                        | 003620-KR      | SsangYong Motor Co., Ltd. |              | 0.00%         | 0.00%         |
| Vanguard Global Equity Fund                        | 000270-KR      | KIA Motors Corporation    |              | 0.00%         | 0.00%         |

Chart 3. The largest buyers in US dollar terms in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022. Chart 4. The largest sellers in US dollar terms in South Korea Motor Vehicles stocks between 1/31/2022 - 7/31/2022 Both charts show the current AUM and whether the fund flow represented a new or closed position.

| Fund Name  | Ticker    | Stock Name                  | New or Close | Latest AUM, \$ | Fund Flows, \$ |
|--|-----------|-----------------------------|--------------|----------------|----------------|
| Swedbank Robur Aktiefond Pension                   | 005380-KR | Hyundai Motor Company       | New          | \$20M          | \$21M          |
| SEB Dynamisk Aktiefond                             | 000270-KR | KIA Motors Corporation      |              | \$2M           | \$2M           |
| Treligga PLC - Ardevora Global Long-only Equity Fu | 000270-KR | KIA Motors Corporation      |              | \$7M           | \$2M           |
| Treligga PLC - Ardevora Global Long-only Equity SR | 000270-KR | KIA Motors Corporation      |              | \$6M           | \$1M           |
| Schroder QEP Global Active Value Fund              | 000270-KR | KIA Motors Corporation      |              | \$1M           | \$0M           |
| Old Westbury Large Cap Strategies Fund             | 000270-KR | KIA Motors Corporation      |              | \$2M           | \$0M           |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap       | 005387-KR | Hyundai Motor Co Ltd Pfd. S |              | \$0M           | \$0M           |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap       | 000270-KR | KIA Motors Corporation      |              | \$1M           | \$0M           |
| Schroder QEP Global Core Fund                      | 000270-KR | KIA Motors Corporation      |              | \$1M           | \$0M           |
| Polaris Global Value Fund                          | 000270-KR | KIA Motors Corporation      |              | \$6M           | \$0M           |
| Deka - MegaTrends CF                               | 005380-KR | Hyundai Motor Company       |              | \$2M           | \$0M           |

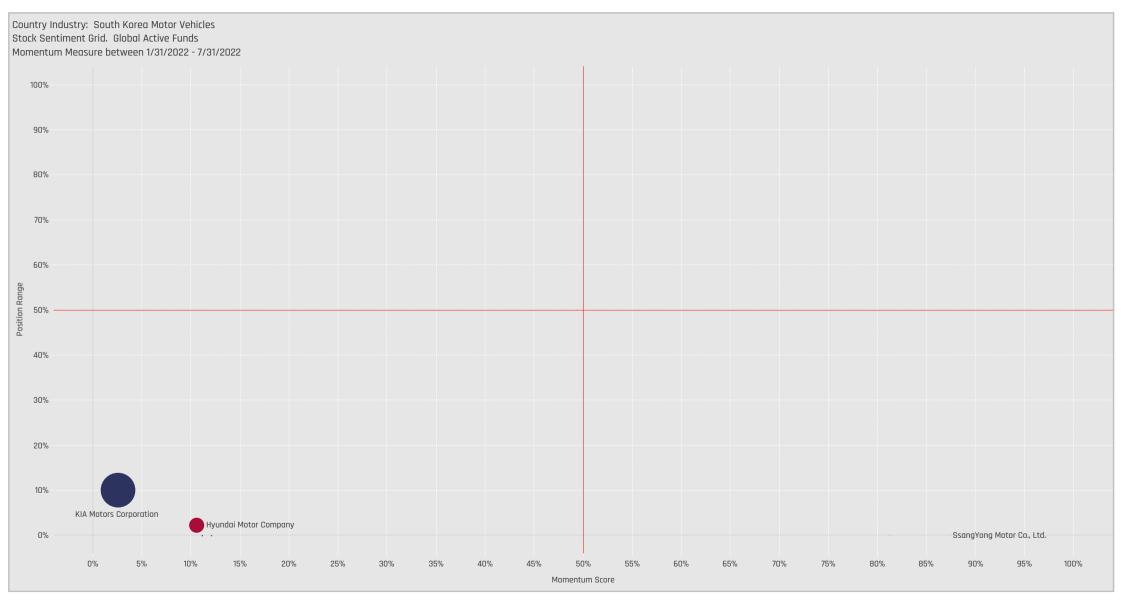
| Fund Name   | Ticker    | Stock Name                  | New or Close | Latest V | Veight | Weight C | hange  |
|---|-----------|-----------------------------|--------------|----------|--------|----------|--------|
| LBPAM Actions Monde                                 | 005380-KR | Hyundai Motor Company       | Close        | 0.00%    |        | -1.12%   |        |
| Carmignac Investissement                            | 005380-KR | Hyundai Motor Company       | Close        | 0.00%    |        | -0.87%   |        |
| Kempen Global High Dividend Fund NV                 | 005387-KR | Hyundai Motor Co Ltd Pfd. S | Close        | 0.00%    |        | -0.85%   |        |
| Artemis SmartGARP Global Equity Fund                | 000270-KR | KIA Motors Corporation      | Close        | 0.00%    |        | -0.50%   |        |
| Artemis Institutional Global Capital Fund           | 000270-KR | KIA Motors Corporation      | Close        | 0.00%    |        | -0.49%   |        |
| Kempen Global High Dividend Fund NV                 | 005385-KR | Hyundai Motor Co Ltd Pfd S  | Close        | 0.00%    |        | -0.35%   |        |
| Robeco Umbrella Fund I NV - QI Glb. Multi-Factor    | 000270-KR | KIA Motors Corporation      |              |          | 0.25%  |          | -0.14% |
| Merian Glb. Invs. Ser. Plc - Equity Income Fund (IR | 000270-KR | KIA Motors Corporation      | Close        | 0.00%    |        |          | -0.11% |
| SEB Aktiesparfond                                   | 000270-KR | KIA Motors Corporation      | Close        | 0.00%    |        |          | -0.05% |
| Nordea Invest Portefolje Aktier                     | 005380-KR | Hyundai Motor Company       |              |          | 0.18%  |          | -0.01% |
| SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap        | 005380-KR | Hyundai Motor Company       |              | 0.06%    | 0      |          | 0.00%  |

| h 4. South Korea Motor Vehicles: Large               | st Fund Outflo | ows, \$                     |              |                |         |          |
|--|----------------|-----------------------------|--------------|----------------|---------|----------|
| und Name Fund Name                                   | Ticker         | Stock Name                  | New or Close | Latest AUM, \$ | Fund F  | lows, \$ |
| armignac In Carmignac Investissement                 | 005380-KR      | Hyundai Motor Company       | Close        |                | (\$36M) |          |
| BPAM Actio LBPAM Actions Monde                       | 005380-KR      | Hyundai Motor Company       | Close        |                | (\$     | 316M)    |
| empen Glob Kempen Global High Dividend Fund          | 005387-KR      | Hyundai Motor Co Ltd Pfd. S | Close        |                |         | (\$8M)   |
| rtemis Sma Artemis SmartGARP Global Equity           | F 000270-KR    | KIA Motors Corporation      | Close        |                |         | (\$4M)   |
| empen Glob Kempen Global High Dividend Fund          | 005385-KR      | Hyundai Motor Co Ltd Pfd S  | Close        |                |         | (\$3M)   |
| lordea Inves Nordea Invest Portefolje Aktier         | 005380-KR      | Hyundai Motor Company       |              | \$7M           |         | (\$1M)   |
| EB Aktiespa SEB Aktiesparfond                        | 000270-KR      | KIA Motors Corporation      | Close        |                |         | (\$1M)   |
| PDR MSCI A SPDR MSCI ACWI UCITS ETF - Hedg           | e 005380-KR    | Hyundai Motor Company       |              | \$1M           |         | \$0M     |
| obeco Umbr Robeco Umbrella Fund I NV - QI Glb        | 000270-KR      | KIA Motors Corporation      |              | \$0M           |         | \$0M     |
| rtemis Insti Artemis Institutional Global Capita     | l 000270-KR    | KIA Motors Corporation      | Close        |                |         | \$0M     |
| uilter Inves Quilter Investors Series I - Global D   | y 000270-KR    | KIA Motors Corporation      |              | \$0M           |         | \$0M     |
| 1erian Glb. I Merian Glb. Invs. Ser. Plc - Equity Ir | ic 000270-KR   | KIA Motors Corporation      | Close        |                |         | \$0M     |
| llianz Globa Allianz Global Investors Fund - Bes     | t 000270-KR    | KIA Motors Corporation      |              | \$0M           |         | \$0M     |
|  |                |                             |              |                |         |          |
|  |                |                             |              |                |         |          |

#### Stock Sentiment Grid



Stock Sentiment Grid: We combine current positioning, long-term positioning and short-term fund activity for South Korea Motor Vehicles stocks in the chart below. The Y-Axis measures where today's ownership levels sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 9/30/2012). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest. The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested % and funds o/w % between 1/31/2022 and 7/31/2022, relative to each stock. A figure above 50% means a stock has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each stock. The colour represents if the stock is held overweight (blue) or underweight (red) on average.



Position Range: Average of: Z-Score Average Weight vs history

Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers) Growth

# Holdings by Fund Style



Chart 1. The average weights in South Korea Motor Vehicles stocks and the average weights vs the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap, split by fund Style.

Charts 2&3. The time series of average fund weights in South Korea Motor Vehicles stocks and average weights vs SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap, split by fund Style.



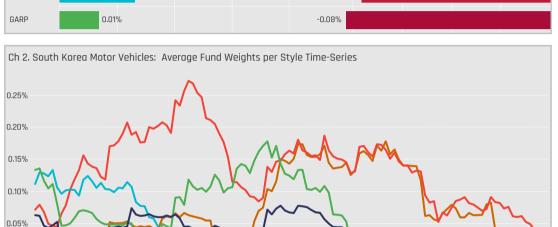




Chart 4. The percentage of funds invested in South Korea Motor Vehicles stocks and the percentage of funds overweight, split by fund Style.

Charts 5&6. The time series of the percentage of funds invested in South Korea Motor Vehicles stocks and the percentage of funds overweight, split by fund Style.







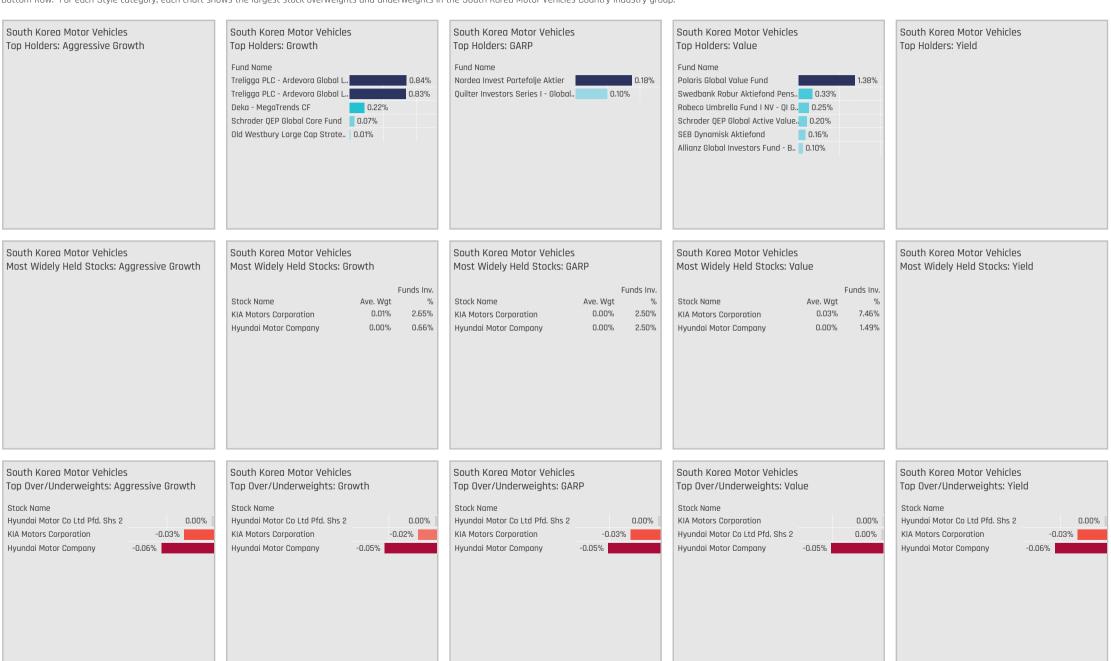
#### Holdings by Fund Style



Top Row. For each Style category, each chart shows the largest holders in the South Korea Motor Vehicles Country Industry group.

Middle Row: For each Style category, each chart shows the most widely held stocks and the corresponding average fund weights in the South Korea Motor Vehicles Country Industry group.

Bottom Row: For each Style category, each chart shows the largest stock overweights and underweights in the South Korea Motor Vehicles Country Industry group.





Ch1. The blue line shows the total number of funds (out of 362) who have ever owned South Korea Motor Vehicles stocks. The green area shows the number of funds invested at any one time and the red line the difference. A download sloping red line means existing investors are closing out positions, a rising red line means previous investors are buying back in.

Chart 3: The Z-Score of current weights versus history for all current and previous holders of South Korea Motor Vehicles stocks. A value of 100% means today's weight is the highest on record for that fund, zero the lowest.

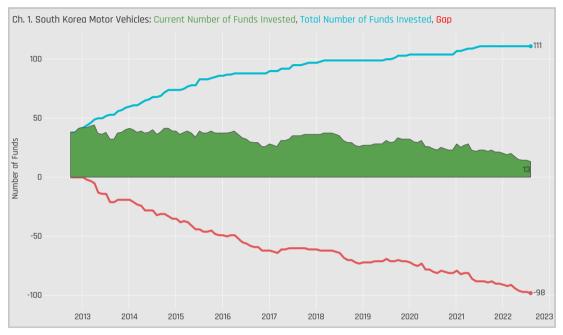


Chart 2: The orange lines show the current AUM in South Korea Motor Vehicles stocks for each fund. The red lines show the gap between today's weight and the maximum weight for each fund.

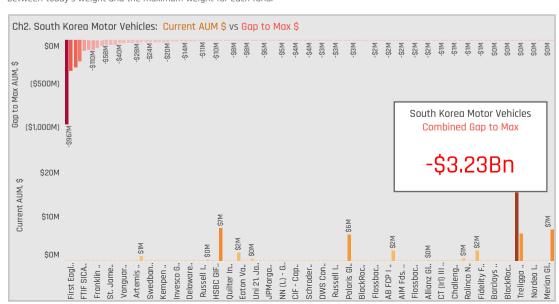
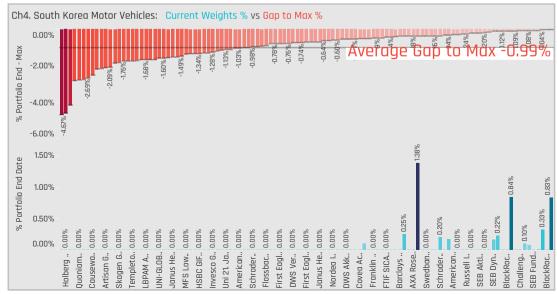




Chart 4. Blue lines show the current weight in South Korea Motor Vehicles stocks for each fund. The red lines show the gap between today's weight and the maximum weight for each fund.



#### Fund Level Gap Analysis



Chart 1: Current fund weight, maximum fund weight and difference for South Korea Motor Vehicles stocks.

Chart 2: Current fund AUM, maximum fund AUM and \$ difference for South Korea Motor Vehicles stocks.

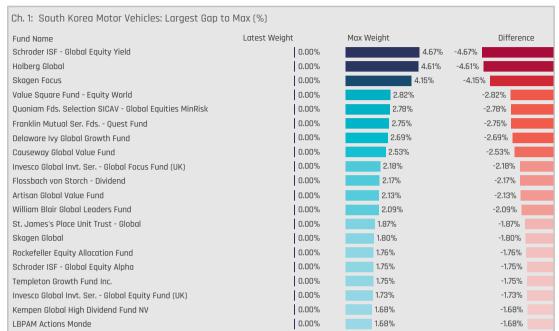
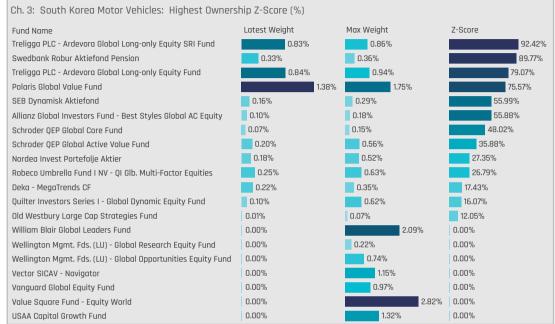
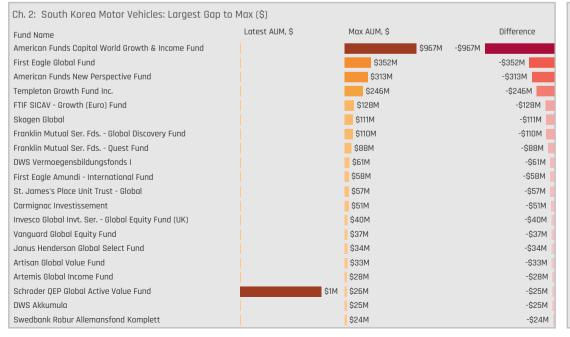
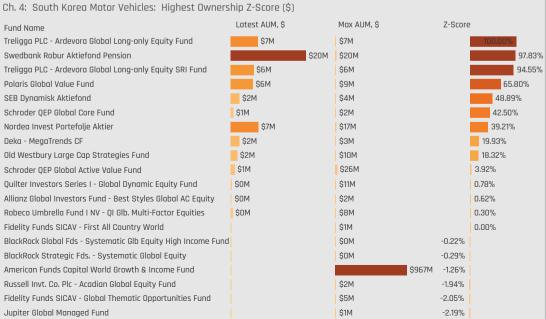


Chart 3: Current fund weight, maximum fund weight and Z-Score for South Korea Motor Vehicles stocks, ranked by Z-Score Chart 4: Current fund AUM, maximum AUM and Z-Score for South Korea Motor Vehicles stocks, ranked by Z-Score,







#### Flow Potential



Chart 1: Current fund weight, maximum fund weight and the difference for South Korea Motor Vehicles stocks. Filtered for funds that have bought in to South Korea Motor Vehicles between 1/31/2022 - 7/31/2022

Chart 2: Current fund AUM, maximum fund AUM and the USD difference for South Korea Motor Vehicles stocks. Filtered for funds that have bought in to South Korea Motor Vehicles between 1/31/2022 - 7/31/2022

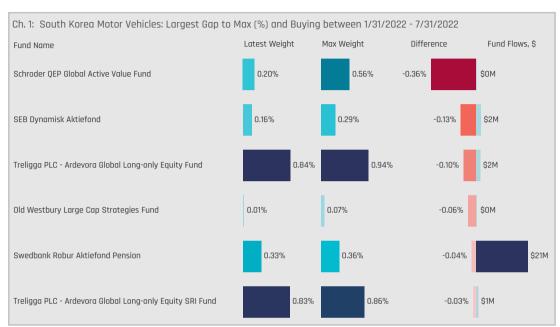
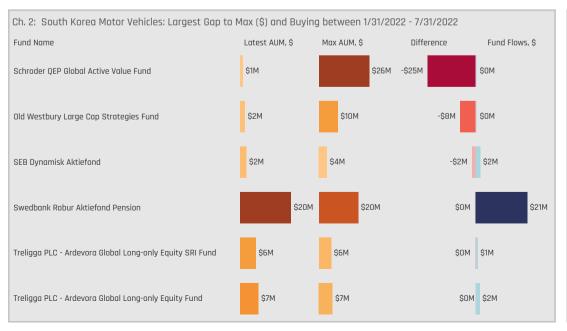


Chart 3: Current fund weight, maximum fund weight and Z-Score for South Korea Motor Vehicles stocks, ranked by Z-Score. Filtered for funds that have sold South Korea Motor Vehicles between 1/31/2022 - 7/31/2022 and have a % Z-Score of above 50%. Chart 4: Current fund AUM, maximum AUM and Z-Score for South Korea Motor Vehicles stocks, ranked by Z-Score. Filtered for funds that have sold South Korea Motor Vehicles between 1/31/2022 - 7/31/2022 and have a \$ Z-Score of above 50%.









#### **Style Classifications**

Each fund is split into a Style category based on the P/E and P/B ratios of their portfolio compared to the benchmark

Aggressive Growth: At least 70% of the portfolio in stocks with a higher P/E than the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap average, and at least 70% with a higher P/B ratio.

**Growth:** At least 50% of the portfolio in stocks with a higher P/E than the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap average, and at least 50% with a higher P/B ratio.

Value: Either by the fund description, or at least 50% of the portfolio in stocks with a lower P/E ratio than the SPDR MSCI ACWI UCITS ETF - Hedged to EUR Cap average, and at least 50% with a lower P/B ratio

Yield: As per the fund description only (i.e Yield, Dividend, Income funds).

**GARP**: All other iterations that do not fit under the above classifications.



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