In a Year of Contraction, Asia Feels the Ripple Effect of MiFID II

2016 Greenwich Leaders: Asian Equities

Q1 2017

Three global brokers are pulling away from the pack in the Asian equity research/advisory business—a break from historical patterns characterized by a more gradual slope among major competitors.

Credit Suisse, Bank of America Merrill Lynch and Morgan Stanley are statistically deadlocked atop the list of 2016 Greenwich Leaders in Asian Equity Research/Advisory Vote Share. These three firms have opened a significant lead over UBS, CLSA Asia-Pacific Markets and J.P. Morgan, which are also virtually tied in terms of vote share and round out the list of this year's winners.

In Asian Equity Trading, the same three firms are statistically tied for the top spot in overall share, but in this business, their lead over fellow Greenwich Share Leaders CLSA, UBS and Citi is much narrower. In the growing algorithmic trading business, Bank of America Merrill Lynch widened its lead over the competition. Credit Suisse and Morgan Stanley claim the title of 2016 Greenwich Quality Leaders in Asian Equity Research Product & Analyst Service, and

Greenwich Share Leaders - 2016



Asian Equity Research/Advisory Vote Share¹

Broker	Statistical Rank
Credit Suisse	1T
Bank of America Merrill Lynch	1T
Morgan Stanley	1T
UBS	4T
CLSA Asia-Pacific Markets	4T
J.P. Morgan	4T

Asian Equity Algorithmic Trading Share³

Broker	Statistical Rank
Bank of America Merrill Lynch	1
UBS	2T
Morgan Stanley	2T
Credit Suisse	2T
Goldman Sachs	5T
Citi	5T
ITG	5T

Asian Equity Trading Share 1,2

Broker	Statistical Rank
Morgan Stanley	1"
Bank of America Merrill Lynch	1
Credit Suisse	1
CLSA Asia-Pacific Markets	4
UBS	4
Citi	4

Options & Volatility Product Important Relationships—Asia4

Broker	Statistical Rank
Morgan Stanley	
Goldman Sachs	1T
Bank of America Merrill Lynch	3T
Deutsche Bank	3T
J.P. Morgan	3T
UBS	3T

Note: Top 5 leading brokers cited including ties. ¹Weighted by commission spend of accounts. Vote share and trading share represent a broker's relative importance to the buy-side institutions within the Greenwich Associates universe. Scores are based upon the amount of business conducted with each respondent and the size of each responding institution based on commission spend with the sell-side community. Based on interviews with 219 respondents at Asia Pacific institutions for Asian Equity Research/Advisory Vote Share (portfolio managers) and 128 for Equity Trading Share (traders). ²Equity Trading encompasses sales trading, execution, portfolio trading, and electronic trading. ³Based on 95 respondents. Broker share is weighted by overall commission size of institutions and brokers' rank and share in algorithmic trading. ⁴Includes top 5 relationship citations, distinctive service evaluations and any mention for transactions in specific options & volatility products: listed and listed look-alike options across single-stock, index, custom baskets, and variance/volatility swaps, dispersion/correlation trades and "lite exotics"/structured flow options. Based on interviews with 42 respondents at buy-side institutions.



along with Bank of America Merrill Lynch are the Greenwich Quality Leaders in Sales and Corporate Access. In Sales Trading & Execution Service, the 2016 Greenwich Quality Leaders are Bank of America Merrill Lynch, Credit Suisse, Morgan Stanley and UBS.

These brokers spent much of 2016 battling for market share in a tough environment. Since 2015, the pool of commissions paid by institutional investors to brokers on trades of Asian equities has shrunk by approximately 16%. That decline seemed even more pronounced to market participants, due to the steep fall-off in activity from the first half of 2015, when trading volumes were surging across the region. Market uncertainties since then, however, driven largely by a slowdown in China, have diminished trade flows and brokerage commissions.

The good news for brokers and investors alike is that trading activities showed signs of a rebound as 2016 progressed. This pickup coincided with an uptick in the overall securities business earnings of global firms in Q3 2016 and, along with post-election gains, started to create some level of confidence that better conditions would prevail in the near future.

"But for most of 2016, the story in Asian equities was one of questionable economic direction and a shrinking commission pool that forced investors and brokers to figure out ways to do more with less," says Greenwich Associates Managing Director John Feng.

MiFID II

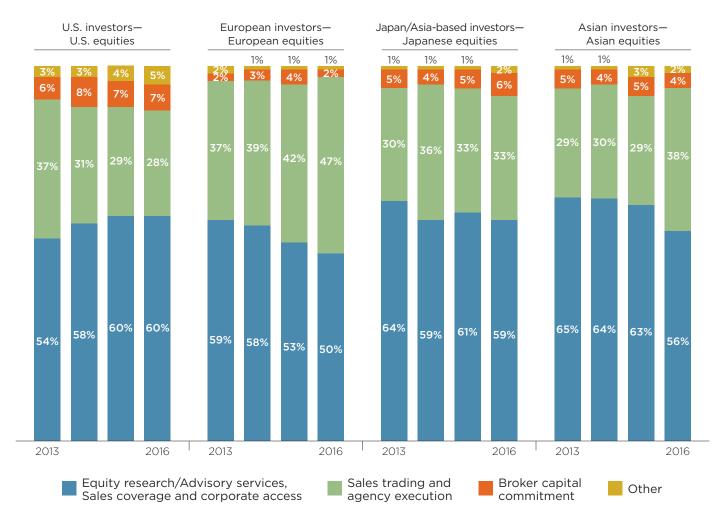
Amid this uncertainty rose another huge variable: MiFID II. Although a European regulatory initiative, many of the biggest and most active investors in Asia are global companies that either have sizable operations in Europe or manage European assets and must therefore comply with MiFID II's impending "unbundling" rules. As they move to do so, many are expected to implement changes across their entire organizations, so as to avoid the inefficiencies that would arise from maintaining differing practices and processes across geographic markets. (Greenwich Associates will publish in Q1 2017 the results of a special research study on how institutional investors are adjusting their research budgeting and the broker vote process in preparation for MiFID II.)

With MiFID II's implementation date now less than 12 months away, the impacts of this regulatory shift can be seen in the Asian equity market. When trading Asian stocks, institutional investors are cutting back on the share of their commission payments used to compensate sell-side providers for their equity research and advisory services, including sales coverage and corporate access. In 2014, allocations to this function accounted for 65% of all cash equity commission payments. That share fell to 63% in 2015 and dropped to 61% in 2016.

The drop-off was even more pronounced among the big institutional investors that account for the bulk of Asian equity trading volume and commission payments. Among these larger institutions, the share of commissions allocated to research and advisory services plummeted to 56% in 2016 from 64% in 2014. "These are the largest investment organizations that face a more urgent need to be compliant with MiFID II and are moving to adopt practices consistent at a global level," says Greenwich Associates Managing Director Jay Bennett.

Indeed, the 56% now allocated to research and advisory services among this group is approaching the 50% reported by large institutional investors on trades of European equities. In Japan and the United States, the MiFID II impact has been more muted. In these markets, which support a relatively large number of domestic investors that presumably would not be affected by rule changes in Europe, allocations to research and advisory services have been relatively stable at about 60% of cash equity commission payments.

PROPORTION OF COMMISSION ALLOCATIONS BY LARGE INSTITUTIONS



Note: Based upon buy-side traders at Greenwich Associates Priorities* that generate 70-80% of commissions in respective products. Source: Greenwich Associates 2013-2016 Global Equity Investors Studies

Electronic Trading

Steady growth in electronic trading last year could be another sign that investors in Asia are looking to adapt to a post-MiFID II environment. Although e-trading volumes in Asia have lagged those in other, less heterogeneous markets, electronic trading at a secular level has been on a growth trajectory around the world for the past decade.

However, when trading activity and commission payments have stalled out or fallen in Asia or other markets, investors have responded in the past by slowing their move to electronic execution and, in some cases, reducing the share of their trading volumes executed electronically. The reason: Research and sell-side advisory services like corporate access represent largely fixed costs. Portfolio managers and analysts need access to these products and services regardless of the trading environment. When trading activity falls, institutional investors have less commission "currency" with which to pay their providers. As a result, institutions may pull back on electronic trades that are essentially "unbundled" and route these flows to "high-touch" trades, which include commissions that can be allocated to reward brokers for research and advisory services.

Although 2016 embodied this type of environment, the expected slowdown in e-trading in Asia never materialized. Instead, investors made a significant move in the opposite direction. From 2015 to 2016, large institutions cut the share of trading volume executed through high-touch, single-stock trades facilitated by broker sales traders to 58% from 65%. Meanwhile, the share of trading volume executed by this group through algorithmic trades jumped to 26% from 20%, and to 31%—up from 26%—when including both algorithmic trades and crossing networks, with portfolio trading accounting for another 10%.

"The fact that institutions continued to shift trade volumes to electronic platforms amid a meaningful contraction in the commission pool is another indication that the link between trade execution and research could be weakening," says Greenwich Associates consultant Parijat Banerjee. "However, the consistency among brokers on the list of Greenwich Leaders in Trading and Research shows that for now at least, that correlation is still significant."

Greenwich Share and Quality Leaders

Between July and September 2016, Greenwich Associates interviewed 219 Asian equity fund managers and analysts, 128 buy-side trading desks and 42 users of equity derivative products in Asia. Study participants were asked to name the brokers they use in specific products, to estimate the amount of business they did with those firms and to rate the quality of these brokers in a series of service and product categories. Brokers receiving quality ratings topping those of competitors by a statistically significant margin were named Greenwich Quality Leaders.

Greenwich Quality Leaders - 2016



Asian Equity Research Product & Analyst Service Quality² Asian Equity Sales & Corporate Access Quality² Broker Credit Suisse Bank of America Merrill Lynch Morgan Stanley Credit Suisse Morgan Stanley Asian Equity Sales Trading & Execution Service Quality¹ Options & Volatility Product Coverage Quality—Asia³ **Broker Broker** Bank of America Merrill Lynch **BNP** Paribas Credit Suisse Deutsche Bank Morgan Stanley J.P. Morgan **UBS** Morgan Stanley Société Générale

Note: Leading brokers are shown in alphabetical order. ¹Based on 128 respondents. ²Based on 219 respondents. ³Based on 42 respondents. Sources: 2016 Greenwich Associates Asian Equity Investors and Equity Derivatives Studies

Consultants Jay Bennett, John Feng and Parijat Banerjee advise on the institutional equity markets in Asia.

METHODOLOGY

Between July and September 2016, Greenwich Associates conducted interviews with 219 Asian equity fund managers and analysts, 128 buy-side trading desks and 42 users of equity derivative products at institutions based in Asia. Interview topics included overall market trends, compensation and broker relationships.

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