

Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse - 549300506SI9CRFV9Z86	12.68%	10.53%	N/A	N/A	0.00%
JP Morgan - 8I5DZWZKVSZI1NUHU748	9.47%	3.10%	N/A	N/A	0.00%
UBS - 549300SZJ9VS8SGXAN81	9.42%	14.27%	N/A	N/A	0.00%
Instinet - 549300B3CEAHYG7K8164	5.44%	5.37%	N/A	N/A	0.00%
Numis - 213800ARWWDZZCNBHD25	4.15%	1.19%	N/A	N/A	0.00%

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Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Venues Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LIQU	50.47%	47.62%	N/A	N/A	100.00%
INVE	25.30%	42.86%	N/A	N/A	100.00%
BGSI	24.21%	4.76%	N/A	N/A	100.00%
RBCE	0.02%	2.38%	N/A	N/A	100.00%
SICS	0.00%	2.38%	N/A	N/A	100.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Numis - 213800ARWW DZZCNBHD25	14.87%	12.12%	N/A	N/A	0.00%
Investec - 2138007Z3U5GWDN3MY22	14.26%	5.47%	N/A	N/A	0.00%
Peel Hunt - 5493007DWN0R4YBM4C84	14.11%	9.26%	N/A	N/A	0.00%
Redburn - 213800PKEJQZQXQCOJ04	12.72%	19.03%	N/A	N/A	0.00%
Bloomberg Tradebook - 549300RMUDWPHCUQNE66	9.89%	24.97%	N/A	N/A	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Venues Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LIQU	46.90%	42.40%	N/A	N/A	100.00%
INVE	30.97%	30.88%	N/A	N/A	100.00%
BGSI	17.88%	6.45%	N/A	N/A	100.00%
BCSI	2.68%	5.07%	N/A	N/A	100.00%
XLON	0.45%	5.07%	N/A	N/A	100.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Redburn - 213800PKEJQZQXQCOJ04	25.27%	11.76%	N/A	N/A	0.00%
Credit Suisse - 549300506SI9CRFV9Z86	25.10%	8.97%	N/A	N/A	0.00%
Investec - 2138007Z3U5GWDN3MY22	11.13%	3.09%	N/A	N/A	0.00%
UBS - 549300SZJ9VS8SGXAN81	6.97%	11.56%	N/A	N/A	0.00%
Bloomberg Tradebook - 549300RMUDWPHCUQNE66	5.93%	30.28%	N/A	N/A	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Venues Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LIQU	58.68%	33.78%	N/A	N/A	100.00%
XLON	17.78%	27.03%	N/A	N/A	100.00%
INVE	8.21%	4.05%	N/A	N/A	100.00%
CHIX	3.59%	39.19%	N/A	N/A	100.00%
TRQM	3.37%	12.16%	N/A	N/A	100.00%

Equities - Shares and Depositary Receipts: Unclassified Liquidity

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Lyonnais - 9695009F5UPB9IIT298	18.33%	25.06%	N/A	N/A	0.00%
Credit Suisse - 549300506SI9CRFV9Z86	16.30%	6.25%	N/A	N/A	0.00%
Goldman Sachs - 784F5XWPLTWKTBV3E584	7.70%	10.36%	N/A	N/A	0.00%
Instinet - 549300B3CEAHYG7K8164	7.41%	7.35%	N/A	N/A	0.00%
China International Capital Corp - 529900OS3SVVTT56QN67	6.59%	0.24%	N/A	N/A	0.00%

Equities - Shares and Depositary Receipts: Unclassified Liquidity

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
LIQU	100.00%	100.00%	N/A	N/A	100.00%

Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)

Notification if <1 average trade per business day in the previous year	Y				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Bloomberg Tradebook - 549300RMUDWPHCUQNE66	98.08%	9.09%	N/A	N/A	0.00%
Goldman Sachs - 784F5XWPLTWKTBV3E584	1.92%	90.91%	N/A	N/A	0.00%

Credit Derivatives					
Notification if <1 average trade per business day in the previous year	Y				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Goldman Sachs - 784F5XWPLTWKTBV3E584	100.00%	100.00%	N/A	N/A	0.00%

Debt Instruments: Bonds					
Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Brokers Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SMBC Nikko - 35380028MYWPB6AUO129	35.45%	4.67%	N/A	N/A	0.00%
Daiwa Securities - 353800WRC7Y23PWFJG38	18.89%	2.84%	N/A	N/A	0.00%
Nomura - 549300B3CEAHYG7K8164	16.99%	5.40%	N/A	N/A	0.00%
Mizuho - 353800CI5L6DDAN5XZ33	13.00%	3.75%	N/A	N/A	0.00%
Jefferies - 549300HOF34RGOJ5YL07	4.26%	6.68%	N/A	N/A	0.00%

Debt Instruments: Bonds					
Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Venues Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BMTF	100.00%	100.00%	N/A	N/A	100.00%

Currency Derivatives

Notification if <1 average trade per business day in the previous year	N				
Top Five Execution Venues Ranked in Terms of Trading Volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
FXGO	100.00%	100.00%	N/A	N/A	100.00%