

Retail Clients

Period 1.1.2017 to 31.12.2017

Class of Instrument

Equities

Notification if <1 average trade per business day in the previous year	No
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Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume executed as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Stifel Nicolaus Europe Limited 213800BVEFNZ8UYPKL03	47.33	62.89	n/a	n/a	n/a
Numis Securities Ltd 213800P3F4RT97WDSX47	34.85	26.22	n/a	n/a	n/a
Winterfloods Securities 8BRUP6V1DX3PIG2R0745	15.64	2.22	n/a	n/a	n/a
J P Morgan Securities Ltd K6Q0W1PS1L1O4IQL9C32	3.16	6.52	n/a	n/a	n/a
Liberum Capital Ltd 213800U6KUF87S1KCC03	1.17	0.93	n/a	n/a	n/a