

Professional Clients
Class of Instrument

Period 1.1.2017 to 31.12.2017
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	25.01	28.99	n/a	n/a	n/a
Canaccord Genuity Ltd ZBU7V5NIMN4ILRFC23	20.96	10.87	n/a	n/a	n/a
Numis Securities Ltd 213800P3F4RT97WDSX47	15.17	14.49	n/a	n/a	n/a
J P Morgan Securities Ltd K6Q0W1PS1L1O4IQL9C32	15.16	19.57	n/a	n/a	n/a
Cenkos Securities plc 213800ALVRC52VN3I821	5.86	5.8	n/a	n/a	n/a