

Top 5 Venues (executor of orders)					
Class of Instrument	(k) 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	N				
Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume traded 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
Name: RBC EUROPE LIMITED LEI: TXDSU46SXBWIGJ8G8E98	2.71%	11.54%	0.00%	0.00%	0.00%
Name: STIFEL NICOLAUS EUROPE LIMITED LEI: 213800BVEFNZ8UYPKL03	2.40%	4.63%	0.00%	0.00%	0.00%
Name: WINTERFLOOD SECURITIES LIMITED LEI: 8BRUP6V1DX3PIG2R0745	1.34%	8.80%	0.00%	0.00%	0.00%
Name: Peel Hunt LLP LEI: 5493007DWN0R4YBM4C84	0.83%	2.85%	0.00%	0.00%	0.00%
Name: INVESTEC BANK PLC LEI: 84S0VF8TSMH0T6D4K848	0.57%	0.62%	3.20%	12.00%	0.00%