

Table 1 Broker					
Type	Professional				
Class of Instrument	<b>Equities - Shares and Depository Receipts</b>				
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
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	43.64	22.10	21.33	78.67	0.00
<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	22.83	75.19	0.00	100.00	0.00
<b>Mirabaud Securities Limited</b> (2138008Z5T61L1ZDWV35)	3.56	1.95	0.00	100.00	0.00
<b>Canaccord Genuity Ltd</b> (ZBU7V5NIMN4ILRFC23)	0.09	0.02	50.00	50.00	0.00
<b>Stifel Nicolaus Europe Ltd</b> (213800BVEFNZ8UYPKL03)	0.06	0.11	0.00	100.00	0.00

Table 2 Broker					
Type	Professional				
Class of Instrument	<b>Equities - Shares and Depository Receipts: Tick size liquidity bands 1 and 2</b>				
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
<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	48.69	29.44	12.11	87.89	0.00
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	28.17	62.19	54.86	45.14	0.00
<b>Mirabaud Securities Limited</b> (2138008Z5T61L1ZDWV35)	17.59	5.21	13.42	86.58	0.00

<b>Canaccord Genuity Ltd</b> (ZBU7V5NIMN4ILRFC23)	2.19	0.72	64.41	35.59	0.00
<b>Wintertloods Securities</b> (8BRUP6V1DX3PIG2R0745)	0.28	0.04	100.00	0.00	0.00

Table 3 Broker					
Type	Professional				
Class of Instrument	<b>Equities - Shares and Depository Receipts: Tick size liquidity bands 3 and 4</b>				
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
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	24.59	24.48	20.37	79.63	0.00
<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	11.27	7.22	10.52	89.48	0.00
<b>Stifel Nicolaus Europe Ltd</b> (213800BVEFNZ8UYPKL03)	10.84	7.51	16.38	83.62	0.00
<b>Autonomous Research LLP</b> (213800LBM6PT85IGM996)	10.06	16.77	32.96	67.04	0.00
<b>Canaccord Genuity Ltd</b> (ZBU7V5NIMN4ILRFC23)	8.57	5.56	38.33	61.67	0.00

Table 4 Broker					
Type	Professional				
Class of Instrument	<b>Equities - Shares and Depository Receipts: Tick size liquidity bands 5 and 6</b>				
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
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	30.26	18.51	41.83	58.17	0.00

<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	20.14	18.21	35.12	64.88	0.00
<b>Mirabaud Securities Limited</b> (2138008Z5T61L1ZDWV35)	11.26	11.30	30.50	69.50	0.00
<b>Autonomous Research LLP</b> (213800LBM6PT85IGM996)	7.85	15.84	66.91	33.09	0.00
<b>Stifel Nicolaus Europe Ltd</b> (213800BVEFNZ8UYPKL03)	7.74	7.49	29.64	70.36	0.00

Table 5 Broker					
Type	Professional				
Class of Instrument	<b>Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)</b>				
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
<b>Mirabaud Securities Limited</b> (2138008Z5T61L1ZDWV35)	82.93	75.05	17.55	82.45	0.00
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	10.00	0.05	0.00	100.00	0.00
<b>Canaccord Genuity Ltd</b> (ZBU7V5NIMN4ILRFC23)	1.75	14.21	100.00	0.00	0.00
<b>Autonomous Research LLP</b> (213800LBM6PT85IGM996)	1.63	0.05	0.00	100.00	0.00
<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	1.22	6.86	7.97	92.03	0.00

Table 6 Broker	
Type	Professional
Class of Instrument	<b>Other Instruments</b>
Notification if <1 average trade per business day in the previous year	N

Classified as Internal

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
<b>Instinet Europe Limited</b> (213800MXAKR2LA1VBM44)	56.74	39.18	22.57	77.43	0.00
<b>Cowen executions services</b> (213800SS94VGJTFLIG64)	29.88	58.19	44.12	55.88	0.00
<b>Mirabaud Securities Limited</b> (2138008Z5T61L1ZDWV35)	12.55	2.00	0.00	100.00	0.00