

Class of Instrument	Equities - Shares & Depositary Receipts (T12)				
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in t erms of trading volumes (descending o rder)	Proportion of volume trad ed as a percentage of tot al in that class	Proportion of orders exec uted as percentage of tot al in that class	Percentage of pass ive orders	Percentage of aggres sive orders	Percentage of dire cted orders
MS	100.00 %	100.00 %	42.74 %	42.74 %	0.00 %
Interaction	Placement/transmission				
Report provided by LiquidMetrix					



Class of Instrument	Equities - Shares & Depositary Receipts (T34)				
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in t erms of trading volumes (descending o rder)	Proportion of volume trad ed as a percentage of tot al in that class	Proportion of orders exec uted as percentage of tot al in that class	Percentage of pass ive orders	Percentage of aggres sive orders	Percentage of dire cted orders
MS	100.00 %	100.00 %	34.08 %	55.47 %	0.00 %
Interaction	Placement/transmission				
Report provided by LiquidMetrix					



Class of Instrument	Equities - Shares & Depositary Receipts (T56)				
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in t erms of trading volumes (descending o rder)	Proportion of volume trad ed as a percentage of tot al in that class	Proportion of orders exec uted as percentage of tot al in that class	Percentage of pass ive orders	Percentage of aggres sive orders	Percentage of dire cted orders
MS	100.00 %	100.00 %	34.22 %	60.79 %	0.00 %
Interaction	Placement/transmission				
Report provided by LiquidMetrix					



Class of Instrument	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	No				
Top five investment firms ranked in t erms of trading volumes (descending o rder)	Proportion of volume trad ed as a percentage of tot al in that class	Proportion of orders exec uted as percentage of tot al in that class	Percentage of pass ive orders	Percentage of aggres sive orders	Percentage of dire cted orders
MS	100.00 %	100.00 %	50.70 %	33.80 %	0.00 %
Interaction	Placement/transmission				
Report provided by LiquidMetrix					



Class of Instrument	Other instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five investment firms ranked in t erms of trading volumes (descending o rder)	Proportion of volume trad ed as a percentage of tot al in that class	Proportion of orders exec uted as percentage of tot al in that class	Percentage of pass ive orders	Percentage of aggres sive orders	Percentage of dire cted orders
MS	100.00 %	100.00 %	0.00 %	0.00 %	0.00 %
Interaction	Placement/transmission				
Report provided by LiquidMetrix					