Class of Instrument	Equities - Shares & Depositary Receipts (T34)					
Notification if <1 average trade per business day in the previous year	No					
Top five execution venues 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	
Bolsa de Madrid XMAD	49.31%	43.73%	57.45%	35.11%	0.00%	
CBOE EUROPE ? BXE OFF-BOOK BATF	11.53%	1.84%	0.32%	4.44%	0.00%	
Off Exchange Transactions XOFF	6.80%	0.16%	14.29%	17.86%	0.00%	
BATS Europe LIS service LISX	3.82%	0.02%	0.00%	0.00%	0.00%	
CHI-X Europe CHIX	3.63%	23.56%	87.27%	12.73%	0.00%	
Interaction	Execution					
	Rep	port 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 execution venues 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	
Bolsa de Madrid XMAD	39.28%	35.53%	65.67%	32.12%	0.00%	
MORGAN STANLEY AND CO. INTERNATIONAL PLC - SYSTEMA MSSI	9.86%	11.64%	3.92%	18.18%	0.00%	
CHI-X Europe CHIX	9.49%	17.90%	72.70%	27.30%	0.00%	
Off Exchange Transactions XOFF	4.30%	0.22%	14.44%	3.33%	0.00%	
CHI-X Europe Dark Pool CHID	3.51%	0.98%	70.63%	29.37%	0.00%	
Interaction	Execution					
Report provided by LiquidMetrix						

Class of Instrument	Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues 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
Off Exchange Transactions XOFF	56.25%	0.20%	0.00%	75.00%	0.00%
Bolsa de Madrid XMAD	24.62%	99.09%	87.37%	11.86%	0.00%
CBOE EUROPE ? BXE OFF-BOOK BATF	19.13%	0.71%	0.00%	100.00%	0.00%
Interaction	Execution				
Report provided by LiquidMetrix					

Class of Instrument	Equities - Shares & Depositary Receipts (T12)					
Notification if <1 average trade per business day in the previous year	Yes					
Top five execution venues 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	
Turquoise Dark TRQM	100.00%	100.00%	0.00%	100.00%	0.00%	
Interaction	Execution					
Report provided by LiquidMetrix						