

Class of Instrument		Equities (Band 5 and 6)				
Notification if <1 average trade per business day in the previous year		No				
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
Bernstein (54930049G8WQ50OUSD19)		68%	62%			
Merrill Lynch International (GGDZP1UYGU9STUHRDP48)		21%	24%			
UBS AG (BFM8T61CT2L1QCEMIK50)		8%	9%			
Morgan Stanley & Co. International PLC (4PQUHN3JPF GFNF3BB653)		3%	4%			
J.P. Morgan Securities PLC (K6Q0W1PS1L1O4IQL9C32)		1%	1%			

Class of Instrument		Equity Derivatives (i)				
Notification if <1 average trade per business day in the previous year		Yes				
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
Morgan Stanley & Co. International PLC (4PQUHN3JPF GFNF3BB653)		96%	89%			
UBS AG (BFM8T61CT2L1QCEMIK50)		4%	11%			
N/A						
N/A						
N/A						

Class of Instrument		Equity Derivatives (ii)				
Notification if <1 average trade per business day in the previous year		Yes				
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
Morgan Stanley & Co. International PLC (4PQUHN3JPF GFNF3BB653)		83%	81%			
Bernstein (54930049G8WQ50OUSD19)		9%	5%			
UBS AG (BFM8T61CT2L1QCEMIK50)		4%	5%			
Merrill Lynch International (GGDZP1UYGU9STUHRDP48)		4%	10%			

Class of Instrument		Currency Derivatives				
Notification if <1 average trade per business day in the previous year		Yes				
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
Morgan Stanley & Co. International PLC (4PQUHN3JPF GFNF3BB653)		49%	60%			
UBS AG (BFM8T61CT2L1QCEMIK50)		46%	35%			
Caceis Bank (96950023SCR9X9F3L662)		4%	5%			
Name and Venue Identifier (MIC or LEI)						
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Class of Instrument		Exchange Traded Products				
Notification if <1 average trade per business day in the previous year		Yes				
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
Morgan Stanley & Co. International PLC (4PQUHN3JPF GFNF3BB653)		97%	77%			
Bernstein (54930049G8WQ50OUSD19)		3%	23%			
N/A						
N/A						
N/A						

Class of Instrument		Debt Instruments (i)				
Notification if <1 average trade per business day in the previous year	Yes					
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	
Citigroup Global Markets Limited (XKZZ2JZF41MRHTR1V493)	84%	94%				
Barclays Bank PLC (G5GSEF7VJP5I7OUK5573)	16%	6%				
N/A						
N/A						
N/A						

Class of Instrument		Commodities derivatives and emission allowances Derivatives (i)				
Notification if <1 average trade per business day in the previous year	Yes					
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	
UBS AG (BFM8T61CT2L1QCEMIK50)	100%	100%				
N/A						
N/A						
N/A						
N/A						