Class of Instrument	Equities – Shares &	Depositary Receipts	s				
Notification if <1 average trade	Yes	Yes					
per business day in the previous							
year							
Top five execution venues	Proportion of	Proportion of	Percentage of	Percentage of	Percentage of		
ranked in terms of trading	volume traded as	orders executed	passive orders	aggressive orders	directed orders		
volumes (descending order)	a percentage of	as percentage of					
	total in that class	total in that class					
Credit Suisse Securities	82.21%	7.69%	100%	0%	0%		
(Europe) Ltd							
LEI:							
DL6FFRRLF74S01HE2M14							
Wells Fargo NA	16.86%	3.85%	100%	0%	0%		
LEI:							
KB1H1DSPRFMYMCUFXT09							
Stifel Nicolaus	0.93%	88.46%	100%	0%	0%		
LEI:							
213800BVEFNZ8UYPKL03							

Class of Instrument	Debt Instruments						
Notification if <1 average trade	Yes						
per business day in the previous year							
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
Goldman Sachs International Bank	17.40%	17.07%	100%	0%	0%		
LEI: N9FYJ29MC81JI74MJE92							
Morgan Stanley International PLC	15.20%	13.66%	100%	0%	0%		
4PQUHN3JPFGFNF3BB653							
Deutsche Bank AG, London Branch	13.20%	7.07%	100%	0%	0%		
LEI: 7LTWFZYICNSX8D621K86							
Credit Suisse Securities (Europe) Ltd.	10.19%	14.15%	100%	0%	0%		
LEI: DL6FFRRLF74S01HE2M14							
JP Morgan Europe Limited LEI: 549300EJYMJS22ND8Y17	5.23%	2.68%	100%	0%	0%		

Class of Instrument	Interest Rate Derivatives						
Notification if <1 average trade	N/A						
per business day in the previous							
year							
Top five execution venues	Proportion of	Proportion of	Percentage of	Percentage of	Percentage of		
ranked in terms of trading	volume traded as	orders executed as	passive orders	aggressive orders	directed orders		
volumes (descending order)	a percentage of	percentage of total					
	total in that class	in that class					
N/A	N/A	N/A	N/A	N/A	N/A		

Class of Instrument	Credit Derivatives				
Notification if <1 average trade	N/A				
per business day in the previous					
year					
Top five execution venues	Proportion of	Proportion of	Percentage of	Percentage of	Percentage of
ranked in terms of trading	volume traded as	orders executed as	passive orders	aggressive orders	directed orders
volumes (descending order)	a percentage of	percentage of total			
	total in that class	in that class			
N/A	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Currency Derivativ	Currency Derivatives						
Notification if <1 average trade	N/A							
per business day in the previous								
year								
Top five execution venues	Proportion of	Proportion of	Percentage of	Percentage of	Percentage of directed			
ranked in terms of trading	volume traded as	orders executed as	passive orders	aggressive orders	orders			
volumes (descending order)	a percentage of	percentage of total						
	total in that class	in that class						
N/A	N/A	N/A	N/A	N/A	N/A			

Class of Instrument	Structured Finance	Instruments				
Notification if <1 average	Yes					
trade per business day in the						
previous year						
Top five execution venues	Proportion of	Proportion of orders executed as	Percentage of	Percentage of	Percentage of	
ranked in terms of trading	volume traded as		passive orders	aggressive orders	directed orders	
volumes (descending order)	a percentage of total in that class	percentage of total in that class				
Bank of America, London	46.60%	36.36%	100%	0%	0%	
Bank of America, London	40.00%	30.30%	100%	0%	0%	
LEI:						
9DJT3UXIJIZJI4WXO774						
BNP Paribas	46.09%	30.30%	100%	0%	0%	
LEI:						
R0MUWSFPU8MPRO8K5P						
83						
Deutsche Bank AG, London	2.64%	6.06%	100%	0%	0%	
Branch						
LEI: 7LTWFZYICNSX8D621K8						
6						
Barclays Bank PLC, London	1.56%	6.06%	100%	0%	0%	
Darciays Dank I LC, London	1.5070	0.0070	10070	070	070	
LEI:						
9DJT3UXIJIZJI4WXO774						
Nomura Bank International	1.04%	3.03%	100%	0%	0%	
Plc						
LEI:						
DGQCSV2PHVF7I2743539						

Class of Instrument	Equity Derivativ	Equity Derivatives					
Notification if <1 average	N/A						
trade per business day in the							
previous year							
Top five execution venues	Proportion of	Proportion of orders	Percentage of passive	Percentage of	Percentage of		
ranked in terms of trading	volume traded	executed as	orders	aggressive orders	directed orders		
volumes (descending order)	as a	percentage of total in					
	percentage of	that class					
	total in that						
	class						
N/A	N/A	N/A	N/A	N/A	N/A		

Class of Instrument	Securitized Deri	Securitized Derivatives					
Notification if <1 average	N/A						
trade per business day in the							
previous year							
Top five execution venues	Proportion of	Proportion of orders	Percentage of passive	Percentage of	Percentage of		
ranked in terms of trading	volume traded	executed as	orders	aggressive orders	directed orders		
volumes (descending order)	as a	percentage of total in					
	percentage of	that class					
	total in that						
	class						
N/A	N/A	N/A	N/A	N/A	N/A		

Class of Instrument	Commodities De	Commodities Derivatives and emission allowed derivatives						
Notification if <1 average	N/A							
trade per business day in the								
previous year								
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders			
N/A	N/A	N/A	N/A	N/A	N/A			

Class of Instrument	Contracts for dif	Contracts for difference					
Notification if <1 average	N/A						
trade per business day in the							
previous year							
Top five execution venues	Proportion of	Proportion of orders	Percentage of passive	Percentage of	Percentage of		
ranked in terms of trading	volume traded	executed as	orders	aggressive orders	directed orders		
volumes (descending order)	as a	percentage of total in					
	percentage of	that class					
	total in that						
	class						
N/A	N/A	N/A	N/A	N/A	N/A		

Class of Instrument	Exchange Trade	Exchange Traded Products					
Notification if <1 average	N/A						
trade per business day in the							
previous year							
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
N/A	N/A	N/A	N/A	N/A	N/A		

Class of Instrument	Emissions Allov	vances			
Notification if <1 average	N/A				
trade per business day in the					
previous year					
Top five execution venues	Proportion of	Proportion of orders	Percentage of passive	Percentage of	Percentage of
ranked in terms of trading	volume traded	executed as	orders	aggressive orders	directed orders
volumes (descending order)	as a	percentage of total in			
	percentage of	that class			
	total in that				
	class				
N/A	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Other Instruments				
Notification if <1 average	N/A				
trade per business day in the					
previous year					
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
N/A	N/A	N/A	N/A	N/A	N/A