Class of Instrument	Equities – Shares &	Equities – Shares & Depositary Receipts						
Notification if <1 average trade	N/A	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	passive orders	aggressive orders	directed orders			
volumes (descending order)	a percentage of	as percentage of						
	total in that class	total in that class						
N/A	N/A	N/A	N/A	N/A	N/A			

Class of Instrument	Debt Instruments							
Notification if <1 average trade	N/A	N/A						
per business day in the previous								
year								
Top five execution venues	Proportion of	Proportion of orders	Percentage of	Percentage of	Percentage of			
ranked in terms of trading	volume traded as	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	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	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 Derivatives							
Notification if <1 average trade	N/A	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 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	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	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	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	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	Emissions Allov	Emissions Allowances					
Notification if <1 average	N/A	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	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