

Class of instrument	Equities – Shares & Depositary Receipts				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Euronext (XAMS,XBRU,XLIS,XPAR)	100%	100%	60%	40%	0%

Class of instrument	Equities – Shares & Depositary Receipts				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Pershing (ZI8Q1A8E18LQFJNM0D94)	63%	63%	79%	21%	0%
Banca Akros (549300GRXF17D6PNEA68)	27%	27%	75%	25%	0%
KCG (OYLND20HCVC12JS4WU59)	5%	5%	n.a.	n.a.	0%
Credit Suisse (549300506SI9CRFV9Z86)	5%	5%	n.a.	n.a.	0%

Class of instrument	Derivatives-Exchange				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Euronext(XAMS,XBRU,XLIS,XPAR)	100%	100%	71%	29%	0%

Class of instrument	Derivatives-Brokers					
Less than avg 1 trade per business day	N					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Morgan Stanley (4PQUHN3JPFGFNF3BB653)	80,0%	80,0%	77%	23%	0%	
Pershing (ZI8Q1A8EI8LQFJNM0D94)	10,0%	10,0%	80%	20%	0%	
Goldman Sachs (W22LROWP2IHZNBB6K528)	7,0%	7,0%	67%	33%	0%	
Banca Akros (549300GRXFI7D6PNEA68)	3,0%	3,0%	73%	27%	0%	

Class of instrument	Fixed Income-Exchange					
Less than avg 1 trade per business day	N					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Euronext (XAMS)	97%	97%	67%	33%	0%	
Euronext Bourse de Luxembourg (XLUX)	3%	3%	81%	19%	0%	

Class of instrument	Fixed Income-Brokers					
Less than avg 1 trade per business day	N					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Banca Akros (549300GRXFI7D6PNEA68)	100%	100%	82%	18%	0%	

Class of instrument	Securitized derivatives-exchanges				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Euronext (XAMS,XBRU,XLIS,XPAR)	100%	100%	87%	13%	0%

Class of instrument	Securitized derivatives-brokers				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
CATS (529900TW3YXY9C6T1G09)	91,095%	91,095%	82%	18%	0%
Banca Akros (549300GRXFI7D6PNEA68)	8,899%	8,899%	66%	34%	0%
Pershing (ZI8Q1A8EI8LQFJNM0D94)	0,004%	0,004%	86%	14%	0%

Class of instrument	Exchange Traded Products-Exchange				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Euronext (XAMS,XBRU,XLIS,XPAR)	100%	100%	42%	58%	0%

Class of instrument	Exchange Traded Products-Exchange				
Less than avg 1 trade per business day	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Pershing (ZI8Q1A8EI8LQFJNM0D94)	55%	55%	80%	20%	0%
Banca Akros (549300GRXFI7D6PNEA68)	45%	45%	75%	25%	0%