

Top 5 Broker (router and transmitter of orders)			
Class of Instrument	(h) Securitized Derivatives - (i) Warrants and Certificate Derivatives		
Notification if <1 average trade per business day in the previous year	N		
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 directed orders
UBS Switzerland AG LEI: 549300WOIFUSNYH0FL22	59.43%	76.29%	0.00%
BNP Paribas Arbitrage SNC LEI: 6EWKU0FGVX5QQJHFGT48	11.26%	4.56%	0.00%
Goldman Sachs International LEI: W22LROWP2IHZNBB6K528	16.69%	8.81%	0.00%
SG Issuer LEI: 549300QNMDBVTHX8H127	4.15%	3.04%	0.00%
J.P. Morgan Securities PLC LEI: K6Q0W1PS1L1O4IQL9C32	4.13%	2.13%	0.00%