

Report on the top 5 trading venues of Lupus alpha Asset Management AG

Period: 1.1.2019 - 31.12.2019

Equity derivatives (futures and options)				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			N	
1	54930056FHWP7GIWYY08	Morgan Stanley Europa SE	56,80%	47,30%
2	4PQUHN3JPFQFN3BB653	Morgan Stanley & Co. International PLC	19,00%	12,70%
3	529900RTSGHDD7OOSO86	Kreissparkasse Köln	6,70%	3,60%
4	5299007QVIQ7IO64NX37	UBS Europe SE	4,80%	1,80%
5	7LTWFZYICNSX8D621K86	Deutsche Bank AG, London	3,60%	3,70%

Equity derivatives (swaps and other OTC)				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			J	
1	5299007QVIQ7IO64NX37	UBS Europe SE	100,00%	100,00%
2				
3				
4				
5				

Exchange-traded products				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			J	
1	529900RTSGHDD7OOSO86	Kreissparkasse Köln	89,90%	98,70%
2	F0HUI1NY1AZMJMD8LP67	HSBC France S.A.	10,10%	1,30%
3				
4				
5				

Equity instruments - liquidity bands 5/6				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			N	
1	2138005N5TO2UJR67I36	Liquidnet Europe Ltd.	17,60%	15,20%
2	529900JFOPPEDUR61H13	Baader Bank Aktiengesellschaft	7,90%	7,50%
3	MP6I5ZYZBEU3UXPYFY54	HSBC BANK PLC	6,30%	9,00%
4	5299007QVIQ7IO64NX37	UBS Europe SE	5,80%	8,10%
5	529900MC68RTGHKI4F05	MainFirst Bank Aktiengesellschaft	5,50%	3,70%

Equity instruments - liquidity bands 3/4				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			N	
1	2138005N5TO2UJR67I36	Liquidnet Europe Ltd.	24,50%	20,60%
2	529900JFOPPEDUR61H13	Baader Bank Aktiengesellschaft	6,50%	6,30%
3	MP6I5ZYZBEU3UXPYFY54	HSBC BANK PLC	6,20%	8,10%
4	529900MC68RTGHKI4F05	MainFirst Bank Aktiengesellschaft	5,90%	6,40%
5	529900KKJ9XOK6WO4426	Bank Vontobel Europe AG	5,90%	8,10%

Equity instruments - liquidity bands 1/2				
in average < 1 trade/day:				
Position	LEI	Name	Volume in %	Orders in %
			N	

1	2G5BKIC2CB69PRJH1W31	Barclays Bank Ireland PLC	13,70%	3,00%
2	2138005N5TO2UJR67I36	Liquidnet Europe Ltd.	10,50%	11,70%
3	529900IOG1ENLW4SUU53	B.Metzler seel.Sohn & Co. KGaA	10,00%	4,30%
4	MP6I5ZYZBEU3UXPYFY54	HSBC BANK PLC	9,00%	19,00%
5	529900MC68RTGHKI4F05	MainFirst Bank Aktiengesellschaft	8,80%	8,60%

Credit derivatives (swaps OTC)

in average < 1 trade/day:

Position	LEI	Name	Volume in %	Orders in %
1	7LTFWZYICNSX8D621K86	Deutsche Bank AG, London	50,00%	45,50%
2	K6Q0W1PS1L1O4IQL9C32	JP Morgan Securities PLC	24,10%	15,90%
3	W22LROWP2IHZNBB6K528	Goldman Sachs International (GSIL), London	11,50%	12,50%
4	549300ZK53CNGEEI6A29	J.P. Morgan AG	8,70%	10,20%
5	EYKN6V0ZCB8VD9IULB80	Bank of America Merrill Lynch International	5,60%	15,90%

Bonds

in average < 1 trade/day:

Position	LEI	Name	Volume in %	Orders in %
1	549300ZK53CNGEEI6A29	J.P. Morgan AG	12,60%	9,30%
2	5493006QMFDDMYWIAM13	Banco Santander, S.A.	7,50%	4,00%
3	R0MUWSFPU8MPRO8K5P83	BNP Paribas Bonds	7,00%	4,80%
4	2ZCNR88UK83OBTEK2170	UniCredit Bank AG	6,50%	7,00%
5	K6Q0W1PS1L1O4IQL9C32	JP Morgan Securities PLC	4,80%	2,20%

Strutured Products

in average < 1 trade/day:

Position	LEI	Name	Volume in %	Orders in %
1	6TJCK1B7E7UTXP528Y04	Citigroup Global Market Europe AG	28,00%	10,60%
2	2G5BKIC2CB69PRJH1W31	Barclays Bank Ireland PLC	21,80%	16,50%
3	8IBZUGJ7JPLH368JE346	Goldman Sachs Bank Europe SE	18,70%	10,60%
4	KX1WK48MPD4Y2NCUIZ63	Natixis SA	9,90%	8,20%
5	U7M81AY481YLIOR75625	MUFG Securities EMEA PLC	9,20%	2,40%

Securitized Derivates (Certificates)

in average < 1 trade/day:

Position	LEI	Name	Volume in %	Orders in %
1	529900RTSGHDD7OOSO86	Kreissparkasse Köln	100,00%	100,00%
2				
3				
4				
5				

Currency Derivate (OTC-Forwards and OTC-Options)

in average < 1 trade/day:

Position	LEI	Name	Volume in %	Orders in %
1	W22LROWP2IHZNBB6K528	Goldman Sachs International (GSIL), London	27,50%	20,10%
2	7LTFWZYICNSX8D621K86	Deutsche Bank AG, London	25,00%	40,30%
3	7H6GLXDRUGQFU57RNE97	JPMorgan Chase Bank, National Association	19,10%	11,90%
4	549300FH0WJAPHTIQ77	Bank of America Securities Europe SA	12,70%	3,80%
5	549300ZK53CNGEEI6A29	J.P. Morgan AG	9,00%	5,00%

Interest Rate Derivate (Futures and Options)

in average < 1 trade/day:

Position	LEI	Name	N	
			Volume in %	Orders in %
1	54930056FHWP7GIWYY08	Morgan Stanley Europa SE	51,80%	12,60%
2	4PQUHN3JPFQFN3BB653	Morgan Stanley & Co. International PLC	19,70%	3,90%
3	X3CZP3CK64YBON1LE12	NatWest Markets N.V.	16,30%	67,80%
4	7LTFZYICNSX8D621K86	Deutsche Bank AG, London	6,40%	1,30%
5	RR3QWICWWIPCS8A4S074	The Royal Bank of Scotland Public Limited	3,70%	13,70%