

Top 5 Execution Venues for Equities, Securitised derivatives and Exchange Traded Products

Order and trade data from 01/2018 – 12/2018

liquidity bands 5-6*	quities – Shares & Depositary	Receipts – Tic	k size				
Client Classification: Retail							
<1 average trade per	business day: yes						
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders	
1	-	-	-	-	-	-	
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	
4	-	-	-	-	-	-	
5	_	_	_	_	_	_	

	• •	quities – Shares & Depositary	Receipts – Tic	k size					
	ty bands 5-6*								
Client	Classification: I	Professional							
<1 average trade per business day: yes									
	d in terms of g volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders		
1.	SOCIETE GEN, LONDON +	O2RNE8IBXP4R0TD8PU41	87,42%	59,94%	No data	No data	0,51%		
2.	DEUTSCHE BANK AG, HEAD OF	7LTWFZYICNSX8D621K86	11,38%	15,06%	No data	No data	0,00%		
3.	Raiffeisen Centrobank	529900M2F7D5795H1A49	1,20%	25,00%	No data	No data	13,33%		
4.		-	-	-	-	-	-		

Asset Class (RTS28): Equities – Shares & Depositary Receipts – Tick size liquidity bands 3-4* **Client Classification: Retail** <1 average trade per business day: yes Ranked in terms of LEI **Proportion** Proportion Proportion Proportion Proportion trading volume of trading of of passive of of volume executed orders directed aggressive orders orders orders 1. Raiffeisen 529900M2F7D5795H1A49 100,00% 100,00% No data 0,00% No data Centrobank 2. -

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Asset Class (RTS28): Equities – Shares & Depositary Receipts – Tick size

liquidity bands 3-4*

3. -

4. -

5. -

Client Classification: Professional

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<1 average trade per business day: yes									
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders			
1. SOCIETE GEN, LONDON +	O2RNE8IBXP4R0TD8PU41	82,66%	9,21%	No data	No data	0,00%			
2. Raiffeisen Centrobank	529900M2F7D5795H1A49	13,51%	89,52%	No data	No data	4,92%			
3. Deutsche Bank AG	7LTWFZYICNSX8D621K86	3,81%	1,27%	No data	No data	0,00%			
4	-	-	-	-	-	-			
5	-	-	-	-	-	-			

Asset Class (RTS28): Equities – Shares & Depositary Receipts – Tick size

liquidity bands 1-2*

Client Classification: Retail

<1 average trade per business day: yes

1 average trade per business day, yes										
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders				
1	-	-	-	-	-	-				
2	-	-	-	-	-	-				
3	-	-	-	-	-	-				
4	-	-	-	-	-	-				
5	-	-	-	-	-	-				

Asset Class (RTS28): Equities – Shares & Depositary Receipts – Tick size

liquidity bands 1-2*

Client Classification: Professional

Cheffic Classification.	FIUIESSIUIIAI					
<1 average trade per	business day: yes					
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders
 Deutsche Bank AG 	7LTWFZYICNSX8D621K86	96,99%	23,58%	No data	No data	0,00%
Raiffeisen Centrobank	529900M2F7D5795H1A49	3,01%	76,42%	No data	No data	10,00%
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-

Asset Class (RTS28): D	Asset Class (RTS28): Debt Instruments - Bonds									
Client Classification: Professional										
<1 average trade per k	<1 average trade per business day: yes									
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders				
 Raiffeisen Centrobank 	529900M2F7D5795H1A49	100,00%	100,00%	No data	No data	0,00%				
2	-	-	-	-	-	-				
3	-	-	-	-	-	-				
4	-	-	-	-	-	-				
5	-	-	-	-	-	-				

Asset C	Asset Class (RTS28): Debt Instruments - Bonds										
Client C	Classification: Pr	rofessional									
<1 average trade per business day: yes											
	l in terms of volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders				
1.	Raiffeisen Centrobank	529900M2F7D5795H1A49	100,00%	100,00%	No data	No data	100,00%				
2.	-	-	-	-	-	-	-				
3.	-	-	-	-	-	-	-				
4.	-	-	-	-	-	-	-				
5.	-	-	-	-	-	-	-				

Asset Class (RTS28): Securitized derivatives – Warrants and certificate derivatives Client Classification: Retail <1 average trade per business day: yes							
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders	
1	-	-	-	-	-	-	
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	
4	-	-	-	-	-	-	
5	-	-	-	-	-	-	

Asset Cl	•	curitized derivatives – Warra	ants and certi	ficate			
Client Cl	assification: Pr	ofessional					
<1 avera	age trade per b	usiness day: yes					
Ranked trading	in terms of volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders
	UBS Limited, London	REYPIEJN7XZHSUI0N355	99,69%	93,33%	No data	No data	71,43%
	Raiffeisen Centrobank	529900M2F7D5795H1A49	0,31%	6,67%	No data	No data	100,00%
1.	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-
3.	_	-	-	-	-	-	-

Asset Class (RTS28): Securitized derivatives – Other securitized derivatives Client Classification: Retail <1 average trade per business day: yes							
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders	
1		-	-	-	-	-	
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	
4	-	-	-	-	-	-	
5	-	-	-	-	-	-	

Asset Class (RTS28): Sec	curitized derivatives – Other se	ecuritized deri	vatives			
Client Classification: Pro	ofessional					
<1 average trade per business day: yes						
Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders
1. Deutsche Bank AG	7LTWFZYICNSX8D621K86	57,37%	7,14%	No data	No data	0,00%
2. Raiffeisen Centrobank	529900M2F7D5795H1A49	42,63%	92,86%	No data	No data	0,00%
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-

Asset Class (RTS28): Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)

Client Classification: Retail

<1 average trade per business day: yes

Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	_	-
5	-	-	-	-	-	-

Asset Class (RTS28): Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)

Client Classification: Professional

<1 average trade per business day: no

Ranked in terms of trading volume	LEI	Proportion of trading volume	Proportion of executed orders	Proportion of passive orders	Proportion of aggressive orders	Proportion of directed orders
 Jane Street Financial LTD 	549300ZHEHX8M31RP142	44,24%	19,92%	No data	No data	4,01%
2. BNP Paribas Sec	549300WCGB70D06XZS54	17,22%	7,27%	No data	No data	2,16%
3. SOCIETE GEN, LONDON +	O2RNE8IBXP4R0TD8PU41	9,14%	4,86%	No data	No data	1,06%
4. DEUTSCHE BANK AG, HEAD OF	7LTWFZYICNSX8D621K86	9,09%	3,64%	No data	No data	0,00%
5. COMMERZBAN K AG, HEAD OFFI a International	851WYGNLUQLFZBSYGB56	7,46%	4,45%	No data	No data	2,35%

^{*}Explanation liquidity bands

- i. Tick size liquidity bands 5 and 6 (from 2.000 trades per day)
- ii. Tick size liquidity bands 3 and 4 (from 80 to 1.999 trades per day)
- iii. Tick size liquidity bands 1 and 2 (from 0 to 79 trades per day)