

# Erste Group Bank AG Top 5 Report for the year 2018

Retail - Broker



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The publication of the Top 5 report shall enable clients to evaluate the quality of Erste Group Bank AG's execution practices and to identify the top five entities (brokers), where Erste Group Bank AG executed client orders. In cases where Erste Group Bank AG only executed client orders via one broker, the list is reduced to one element accordingly.

## I. Equities - Shares & Depositary Receipts - Tick size liquidity bands 5 and 6 (from 2000 trades per day)

### a. Tick size liquidity bands 5 and 6 (from 2000 trades per day)

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	58.33 %	58.02 %	37.71 %	62.29 %	19.74 %
CREDIT SUISSE SECURITIES (EUROPE) LIMITED (LEI: DL6FFRRLF74S01HE2M14)	22.69 %	14.42 %	98.28 %	1.72 %	22.61 %
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	16.47 %	19.74 %	73.92 %	26.08 %	84.85 %
J.P. Morgan AG (LEI: 549300ZK53CNGEEI6A29)	1.54 %	2.50 %	49.86 %	50.14 %	24.18 %
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	0.82 %	5.08 %	89.73 %	10.27 %	5.20 %

**b. Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)**

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	64.89 %	47.40 %	43.37 %	56.63 %	13.51 %
COMMERZBANK Aktiengesellschaft (LEI: 851WYGNLUQLFZBSYGB56)	17.48 %	26.66 %	70.77 %	29.23 %	62.99 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	10.65 %	19.87 %	51.54 %	48.46 %	22.17 %
CREDIT SUISSE SECURITIES (EUROPE) LIMITED (LEI: DL6FFRRLF74S01HE2M14)	4.79 %	2.87 %	48.40 %	51.60 %	68.15 %
J.P. Morgan AG (LEI: 549300ZK53CNGEEI6A29)	1.73 %	2.44 %	47.60 %	52.40 %	12.81 %

**c. Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)**

**Notification if <1 average trade per business day in the previous year: N**

<b>Top five brokers ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	70.25 %	63.13 %	69.62 %	30.38 %	14.80 %
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	15.58 %	18.31 %	74.11 %	25.89 %	64.47 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	10.40 %	16.04 %	70.91 %	29.09 %	19.57 %
CREDIT SUISSE SECURITIES (EUROPE) LIMITED (LEI: DL6FFRRLF74S01HE2M14)	2.29 %	1.20 %	10.59 %	89.41 %	50.85 %
J.P. Morgan AG (LEI: 549300ZK53CNGEEI6A29)	1.25 %	0.99 %	60.82 %	39.18 %	53.32 %

## II. Debt Instruments - Bonds

### a. Bonds

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
COMMERZBANK Aktiengesellschaft (LEI: 851WYGNLUQLFZBSYGB56)	27.30 %	36.85 %	66.09 %	33.91 %	71.14 %
UBS AG (LEI: BFM8T61CT2L1QCCEMIK50)	6.62 %	5.88 %	61.67 %	38.33 %	16.25 %
HSBC TRINKAUS & BURKHARDT AG (LEI: JUNT405OW8OY5GN4DX16)	6.04 %	3.90 %	55.97 %	44.03 %	18.87 %
UniCredit Bank AG (LEI: 2ZCNRR8UK83OBTEK2170)	3.89 %	4.83 %	50.25 %	49.75 %	13.71 %
BNP PARIBAS (LEI: ROMUWSFPU8MPRO8K5P83)	3.83 %	2.89 %	44.92 %	55.08 %	25.42 %

### III. Structured Finance Instruments

Notification if <1 average trade per business day in the previous year: Y

Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	100.00 %	100.00 %	18.60 %	81.40 %	26.74 %

## IV. Securitized Derivatives - Warrants and Certificate Derivatives

### a. Warrants and Certificate Derivatives

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
COMMERZBANK Aktiengesellschaft (LEI: 851WYGNLUQLFZBSYGB56)	97.83 %	98.56 %	82.02 %	17.98 %	27.32 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	2.00 %	1.02 %	68.71 %	31.29 %	45.58 %
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	0.06 %	0.34 %	48.98 %	51.02 %	59.18 %
Intesa Sanpaolo Bank Luxembourg (LEI: 549300H62SNDRTOPS319)	0.06 %	0.01 %	100.00 %	0.00 %	0.00 %
Raiffeisen Centrobank AG (LEI: 529900M2F7D5795H1A49)	0.04 %	0.06 %	88.89 %	11.11 %	22.22 %

## b. Other securitized derivatives

Notification if <1 average trade per business day in the previous year: **Y**

Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	86.27 %	96.30 %	72.44 %	27.56 %	64.74 %
BNP PARIBAS (LEI: ROMUWSFPU8MPRO8K5P83)	9.99 %	1.23 %	0.00 %	100.00 %	100.00 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	3.12 %	1.23 %	100.00 %	0.00 %	0.00 %
Raiffeisen Centrobank AG (LEI: 529900M2F7D5795H1A49)	0.39 %	0.62 %	100.00 %	0.00 %	0.00 %
UniCredit Bank AG (LEI: 2ZCNRR8UK83OBTEK2170)	0.23 %	0.62 %	100.00 %	0.00 %	0.00 %



## V. Exchange Traded Products - Exchange traded funds, exchange traded notes and exchange traded commodities

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	76.74 %	68.91 %	20.17 %	79.83 %	11.84 %
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	16.30 %	21.14 %	55.47 %	44.53 %	67.70 %
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	5.00 %	9.55 %	58.40 %	41.60 %	15.67 %
Erste Group Bank AG (LEI: PQOH26KWDF7CG10L6792)	1.33 %	0.19 %	100.00 %	0.00 %	71.43 %
CREDIT SUISSE SECURITIES (EUROPE) LIMITED (LEI: DL6FFRRLF74S01HE2M14)	0.60 %	0.14 %	60.00 %	40.00 %	60.00 %

## VI. Other Instruments

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
COMMERZBANK Aktiengesellschaft (LEI: 851WYG NLUQLFZBSYGB56)	60.24 %	37.73 %	2.95 %	97.05 %	8.64 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	30.86 %	48.33 %	24.69 %	75.31 %	27.61 %
Clearstream Banking S.A. (LEI: 549300OL514RA0SXJJ44)	3.76 %	3.04 %	0.00 %	100.00 %	14.63 %
CAPITAL BANK - GRAWE GRUPPE AG (LEI: 529900EWNMBL4OHZ5078)	1.92 %	2.22 %	0.00 %	100.00 %	16.67 %
Liechtensteinische Landesbank (Österreich) AG (LEI: 529900MZNQDC3A3WSZ72)	1.25 %	0.44 %	0.00 %	100.00 %	33.33 %

## VII. No specific class

Notification if <1 average trade per business day in the previous year: N					
Top five brokers 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citigroup Global Markets Finance Corporation & Co. beschränkt haftende KG (LEI: 549300TRMMST9WUW8M90)	72.19 %	69.46 %	61.58 %	38.42 %	14.70 %
COMMERZBANK Aktiengesellschaft (LEI: 851WYGNLUQLFZBSYGB56)	11.58 %	7.57 %	7.01 %	92.99 %	7.13 %
UBS Switzerland AG (LEI: 549300WOIFUSNYH0FL22)	11.49 %	19.84 %	16.96 %	83.04 %	1.13 %
J.P. Morgan AG (LEI: 851WYGNLUQLFZBSYGB56)	2.14 %	2.07 %	1.44 %	98.56 %	1.19 %
CREDIT SUISSE SECURITIES (EUROPE) LIMITED (LEI: PQOH26KWDF7CG10L6792)	1.51 %	0.75 %	0.31 %	99.68 %	0.00 %

## VIII. Summary of the Analysis and Conclusions

a) An explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution:

For obtaining the best possible result, Erste Group Bank AG takes into account different execution factors, such as price, costs, speed and likelihood of execution. For retail clients the respective analysis is focused on consideration of the price of the financial instrument and the costs relating to the order. Further information about the relative importance of factors can be found in the applicable execution policy of Erste Group Bank AG which is updated on a yearly basis (available via <https://www.erstegroup.com/en/about-us/corporate-governance>).

b) A description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders:

Regarding the description of common ownerships and close links, we refer to the details of the companies wholly or partly owned by Erste Group Bank AG (available via <https://www.erstegroup.com/en/about-us/corporate-governance>). Regarding potential conflicts of interest, internal policies and controls of Erste Group Bank AG ensure that such conflicts cannot arise.

c) A description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received:

Erste Group Bank AG does not have in place any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits. The fees are according to the fee models published by the execution venues.

d) An explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred:

Compared to the previous year, Erste Group Bank AG has added two additional MTFs to the list of execution venues (MTF Bloomberg, MTF Tradeweb), mainly based on considerations of the factors price/costs and speed/likelihood of execution."

e) An explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements:

Order Execution differs per client categorization as Erste Group Bank AG applies different weights to execution factors for retail and professional clients. The relative importance of those factors for the different

client categories can be found in Erste Group Bank AG's execution policies (available via <https://www.erstegroup.com/en/about-us/corporate-governance>).

f) An explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client:

Under very rare circumstances the results pertaining to the relative weights of execution factors may be overridden or changed. Such circumstances may materialize when listing information has been wrongly delivered by our external data providers or when the selected market lacks liquidity. Such rare circumstances are specifically documented.

g) An explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Delegated Regulation (EU) 2017/575:

Erste Group Bank AG uses reports on the quality of execution for specific venues by comparing the values given in these reports between each other and with market data within our general factor-weighting procedure.

h) Where applicable, an explanation of how the investment firm has used output of a consolidated tape provider established under Article 65 of Directive 2014/65/E:

Erste Group Bank AG does not use output of a consolidated tape provider for purposes of best execution of client orders.