



Top 5 Execution Venues for Derivatives and Bonds

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

CLASS OF INSTRUMENT: Bonds						
Retail Clients						
Average trade per business day was <1						
Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Raiffeisen Bank International AG Systematic Internaliser	RBIV	80.83%	32.43%	0%	100%	0%
Bloomberg Multilateral Trading Facility	BMTF	16.91%	45.95%	0%	100%	0%
Raiffeisen Bank International AG	9ZHRYM6F437SQJ6O UG95	1.57%	16.22%	0%	100%	100%
WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE)	XVIE	0.69%	5.41%	100%	0%	0%

CLASS OF INSTRUMENT: Interest Rate Derivatives (Swaps, forwards and other)						
Retail Clients						
Average trade per business day was <1						
Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Raiffeisen Bank International	9ZHRYM6F437SQJ6O UG95	100%	100%	0%	100%	0%

CLASS OF INSTRUMENT: Currency Derivatives (Swaps, forwards and other)						
Retail Clients						
Average trade per business day was <1						
Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Deutsche Börse 360T MTF	360T	56%	73%	0%	100%	0%
Integral MTF	IMTF	8%	17%	0%	100%	0%
Raiffeisen Bank International	9ZHRYM6F437SQJ6O UG95	36%	10%	0%	100%	0%

CLASS OF INSTRUMENT: Bonds						
Professional Clients						
Average trade per business day was >1						
Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Bloomberg Multilateral Trading Facility	BMTF	86.63%	40.49%	0%	100%	0%
Raiffeisen Bank International AG	9ZHRYM6F437SQJ6O UG95	10.13%	49.05%	0%	100%	0.85%
Raiffeisen Bank International AG Systematic Internaliser	RBIV	1.5%	3.88%	0%	100%	0%
MarketAxess Europe MTF	MAEL	0.66%	4.95%	0%	100%	0%
GFI Securities LTD- OTF	GFSO	0.53%	0.96%	0%	100%	0%

CLASS OF INSTRUMENT: Interest Rate Derivatives (Swaps, forwards and other)**Professional Clients**

Average trade per business day was <1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Raiffeisen Bank International	9ZHRYM6F437SQJ6O UG95	100%	100%	0%	100%	0%

CLASS OF INSTRUMENT: Interest Rate Derivatives (Futures and options)**Professional Clients**

Average trade per business day was >1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
EUREX DEUTSCHLAND	XEUR	74.79%	72.65%	100%	0%	0%
CHICAGO BOARD OF TRADE	XCBT	18.56%	18.24%	100%	0%	0%
ASX - TRADE24	XSFE	2.43%	3.35%	100%	0%	0%
ICE FUTURES EUROPE - FINANCIAL PRODUCTS DIVISION	IFLL	1.91%	2.57%	100%	0%	0%
OSAKA EXCHANGE	XOSE	1.21%	1.22%	100%	0%	0%

CLASS OF INSTRUMENT: Currency Derivatives (Swaps, forwards and other)**Professional Clients**

Average trade per business day was >1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
Deutsche Börse 360T MTF	360T	23%	30%	0%	100%	0%
Integral MTF	IMTF	17%	21%	0%	100%	0%
Raiffeisen Bank International	9ZHRYM6F437SQJ6O UG95	60%	49%	0%	100%	0%

CLASS OF INSTRUMENT: Currency Derivatives (Futures and options)**Professional Clients**

Average trade per business day was >1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
CHICAGO MERCANTILE EXCHANGE	XCME	100%	100%	100%	0%	0%

CLASS OF INSTRUMENT: Commodity derivatives (Futures and options)**Professional Clients**

Average trade per business day was >1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
CHICAGO BOARD OF TRADE	XCBT	89.61%	40.13%	100%	0%	0%
Matif	XMAT	10.39%	59.87%	100%	0%	0%

CLASS OF INSTRUMENT: Equity derivatives (Futures and options)**Professional Clients**

Average trade per business day was >1

Top 5 execution venues ranked in terms of trading volumes (descending order)	Venue Identifier	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
EUREX DEUTSCHLAND	XEUR	55.91%	41.3%	100%	0%	0%
CBOE FUTURES EXCHANGE	XCBF	21.65%	1.87%	100%	0%	0%
ICE FUTURES EUROPE - FINANCIAL PRODUCTS DIVISION	IFLL	4.23%	9.29%	100%	0%	0%
ICE FUTURES U.S.	IFUS	3.59%	6.57%	100%	0%	0%
CBOE GLOBAL MARKETS INC.	XCBO	3.49%	1.65%	100%	0%	0%