

DWS International GmbH(549300TPJCLCOHGM008)

Execution

(b) Debt instruments (i) Bonds

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
Tradeweb EU B.V.(TWEM)	23.7%	52.5%	NA	NA	0%	
Bloomberg Trading Facility B.V.(BTFF)	22.5%	11.5%	NA	NA	0%	
DEUTSCHE BANK AG(7LTFWZYICNSX8D621K86)	4.7%	2.1%	NA	NA	1%	
BNP PARIBAS SA(ROMUWSPFUB8MPRO8KSP83)	3.7%	1.9%	NA	NA	0%	
CITIGROUP GLOBAL MARKETS EUROPE AG(6TJCK1B7E7UTXP528Y04)	3.2%	1.4%	NA	NA	0%	

(b) Debt instruments (ii) Money markets instruments

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
ING BANK NV(3TK20VJUI8J3ZUQE75)	18.5%	8.4%	NA	NA	0%	
JP MORGAN SE(549300ZK53CNGEEI6A29)	14.5%	9.2%	NA	NA	0%	
COOPERATIEVE RABOBANK UA(DG3RU1DBUFHT4Z9W62)	13.9%	5.7%	NA	NA	0%	
Bloomberg Trading Facility B.V.(BTFF)	11.4%	11.7%	NA	NA	0%	
BRED BANQUE POPULAIRE(NICH5QQ4ADUV9SN3Q390)	10.0%	3.7%	NA	NA	0%	

(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
Tradeweb EU B.V.(TWEM)	46.3%	36.5%	NA	NA	0.0%	
MORGAN STANLEY EUROPE SE(54930056FHW7GIWY08)	21.5%	11.4%	NA	NA	0.0%	
JP MORGAN SE(549300ZK53CNGEEI6A29)	12.1%	9.5%	NA	NA	0.0%	
CITIGROUP GLOBAL MARKETS EUROPE AG(6TJCK1B7E7UTXP528Y04)	8.1%	11.6%	NA	NA	0.0%	
BNP PARIBAS SA(ROMUWSPFUB8MPRO8KSP83)	4.0%	5.0%	NA	NA	5.3%	

(d) credit derivatives (ii) Other credit derivatives

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
Tradeweb EU B.V.(TWEM)	55.5%	31.4%	NA	NA	0.4%	
DEUTSCHE BANK AG(7LTFWZYICNSX8D621K86)	11.7%	16.5%	NA	NA	0.0%	
GOLDMAN SACHS BANK EUROPE SE(8IBZUGJ7JPLH368IE346)	8.3%	4.8%	NA	NA	0.0%	
CITIGROUP GLOBAL MARKETS EUROPE AG(6TJCK1B7E7UTXP528Y04)	7.9%	13.3%	NA	NA	0.0%	
JP MORGAN SE(549300ZK53CNGEEI6A29)	4.3%	6.2%	NA	NA	0.0%	

(e) currency derivatives (ii) Swaps, forwards, and other currency derivatives

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
Financial & Risk Transaction Services Ireland Limited - FXall RFQ(FXRQ)	56.3%	44.4%	NA	NA	0.8%	
FX Connect(MFXR)	27.5%	2.4%	NA	NA	8.5%	
Bloomberg Trading Facility B.V.(BTFF)	2.9%	3.0%	NA	NA	37.8%	
JP MORGAN SE(549300ZK53CNGEEI6A29)	2.5%	1.8%	NA	NA	0.0%	
BOFA SECURITIES EUROPE SA(549300FH0WJAPHTQ77)	1.6%	7.9%	NA	NA	0.1%	

(m) Other instruments

Transmission/Execution		Execution				
Notification if <1 average trade per business day in the previous year		Y				
Top five execution venues 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	
DEUTSCHE BANK AG(7LTFWZYICNSX8D621K86)	100.0%	100.0%	NA	NA	97.8%	

Transmission

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

Transmission/Execution		Transmission				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
GOLDMAN SACHS BANK EUROPE SE(8IBZUGJ7JPLH368IE346)	19.7%	28.7%	NA	NA	0.0%	
JP MORGAN SE(549300ZK53CNGEEI6A29)	18.1%	23.8%	NA	NA	0.0%	
MORGAN STANLEY EUROPE SE(54930056FHW7GIWY08)	15.4%	7.9%	NA	NA	0.0%	
UBS EUROPE SE(5299007QVIQ7IO64NX37)	10.5%	8.9%	NA	NA	0.0%	
BOFA SECURITIES EUROPE SA(549300FH0WJAPHTQ77)	9.9%	9.5%	NA	NA	0.0%	

(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)

Transmission/Execution		Transmission				
Notification if <1 average trade per business day in the previous year		N				
Top five execution venues 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	
DWS Investment Management Americas, Inc.(C283K4EEEB8QVCT3B128)	27.4%	16.9%	NA	NA	0.0%	
GOLDMAN SACHS BANK EUROPE SE(8IBZUGJ7JPLH368IE346)	21.5%	32.2%	NA	NA	0.0%	

JP MORGAN SE(S49300ZK53CNGEEI6A29)	16.8%	19.5%	NA	NA	0.0%
UBS EUROPE SE(S299007QVIQ7IO64NX37)	6.8%	4.1%	NA	NA	0.0%
MORGAN STANLEY EUROPE SE(S4930056FHPW7GIWY08)	6.0%	5.4%	NA	NA	0.0%

(a) Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	29.1%	11.3%	NA	NA	0.0%
GOLDMAN SACHS BANK EUROPE SE(BIBZUG7JPLH368E346)	17.9%	35.1%	NA	NA	0.0%
DWS Investments Hong Kong Limited(S29900R8DKT181MHL26)	17.8%	7.6%	NA	NA	0.0%
JP MORGAN SE(S49300ZK53CNGEEI6A29)	15.5%	23.0%	NA	NA	0.0%
BARCLAYS BANK IRELAND PLC(2G58KIC2C869PRH1W31)	5.4%	11.4%	NA	NA	0.0%

(b) Debt Instruments (i) Bonds

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	67.3%	83.3%	NA	NA	0.0%
DWS Investments Hong Kong Limited(S29900R8DKT181MHL26)	20.3%	13.6%	NA	NA	0.0%

(b) Debt Instruments (ii) Money markets instruments

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		Y			
Top five execution venues 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
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	100.00%	100.00%	NA	NA	0%

(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DEUTSCHE BANK AG(7LWTFZYCN8D621K86)	37.1%	28.7%	NA	NA	0.0%
MORGAN STANLEY EUROPE SE(S4930056FHPW7GIWY08)	19.6%	37.0%	NA	NA	0.0%
CITIGROUP GLOBAL MARKETS EUROPE AG(6TJCK187E7UTXP528Y04)	19.0%	11.8%	NA	NA	0.0%
JP MORGAN SE(S49300ZK53CNGEEI6A29)	8.1%	2.8%	NA	NA	0.0%
BOFA SECURITIES EUROPE SA(S49300FH0WJAPHTI077)	7.9%	12.8%	NA	NA	0.0%

(c) Currency derivatives (ii) Swaps, forwards, and other currency derivatives

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		Y			
Top five execution venues 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
DWS Investments Hong Kong Limited(S29900R8DKT181MHL26)	87%	89%	NA	NA	0%
DWS Investment Management Americas Inc.(C283K4EEEX8QVCT3B128)	13%	11%	NA	NA	0%

(e) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
GOLDMAN SACHS BANK EUROPE SE(BIBZUG7JPLH368E346)	45.5%	6.0%	NA	NA	0.0%
BARCLAYS BANK IRELAND PLC(2G58KIC2C869PRH1W31)	14.0%	5.8%	NA	NA	0.0%
JP MORGAN SE(S49300ZK53CNGEEI6A29)	12.6%	22.0%	NA	NA	0.0%
BOFA SECURITIES EUROPE SA(S49300FH0WJAPHTI077)	10.8%	16.3%	NA	NA	0.0%
CREDIT SUISSE BANK EUROPE SA(9S9800TMGPW7WYMAR72)	8.5%	1.9%	NA	NA	0.0%

(e) Equity Derivatives (ii) Swaps and other equity derivatives

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
BOFA SECURITIES EUROPE SA(S49300FH0WJAPHTI077)	26.6%	5.4%	NA	NA	0.0%
BARCLAYS BANK IRELAND PLC(2G58KIC2C869PRH1W31)	19.7%	1.2%	NA	NA	0.0%
UBS EUROPE SE(S299007QVIQ7IO64NX37)	19.4%	15.5%	NA	NA	0.0%
MORGAN STANLEY EUROPE SE(S4930056FHPW7GIWY08)	17.8%	19.4%	NA	NA	0.0%
GOLDMAN SACHS BANK EUROPE SE(BIBZUG7JPLH368E346)	7.8%	7.0%	NA	NA	0.0%

(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)

Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
JANE STREET FINANCIAL LTD(S49300ZHEH8M31R1P142)	24.2%	13.4%	NA	NA	2.3%
FLOW TRADERS BV(S49300CLJ9DXH12V51)	18.0%	12.5%	NA	NA	0.0%
JANE STREET NETHERLANDS BV(S49300AEDW0WETJDFB29)	16.4%	8.4%	NA	NA	1.9%
GOLDMAN SACHS BANK EUROPE SE(BIBZUG7JPLH368E346)	10.4%	1.4%	NA	NA	3.6%
Tradeweb EU B.V.(TWEM)	6.6%	20.4%	NA	NA	0.0%

<b>(m) Other instruments</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	33%	22%	NA	NA	NA	0%
UBS EUROPE SE(S299007QVIQ7IO64NX37)	19%	24%	NA	NA	NA	0%
JP MORGAN SE(S49300ZK53CNGEEI6A29)	11%	19%	NA	NA	NA	0%
GOLDMAN SACHS BANK EUROPE SE(BIBZUGJ7JPLH368JE346)	9%	16%	NA	NA	NA	0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	8%	4%	NA	NA	NA	0%

**DWS Investment GmbH(S49300K0BHJ9BX9J8187)**

<b>Execution</b>						
<b>(b) Debt instruments (ii) Money markets instruments</b>						
Transmission/Execution			Execution			
Notification if <1 average trade per business day in the previous year						
Y						
Top five execution venues 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	
CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK SA(1VUV7VQFKUQO5I21AZ08)	46%	20%	NA	NA	NA	0%
NATWEST MARKETS NV(X3CZP3CK64YBHN1LE12)	25%	20%	NA	NA	NA	0%
ING BANK NV(3TK20IUIJ8I3ZUOQE75)	14%	27%	NA	NA	NA	0%
COOPERATIEVE RABOBANK UA(DG3RU1DBUFHT4ZF9WN62)	13%	27%	NA	NA	NA	0%
CREDIT SUISSE BANK EUROPE SA(959800TMGPWX7NYM4R72)	3%	7%	NA	NA	NA	0%

<b>Transmission</b>						
<b>(a) Equities - Shares &amp; Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2000 trades per day)</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	90.4%	97.1%	NA	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	9.4%	2.9%	NA	NA	NA	0.0%
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	0.2%	0.1%	NA	NA	NA	0.0%

<b>(b) Equities - Shares &amp; Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	59.1%	76.9%	NA	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	37.3%	21.2%	NA	NA	NA	0.0%
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	3.6%	1.9%	NA	NA	NA	0.0%

<b>(a) Equities - Shares &amp; Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	55.0%	78.6%	NA	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	32.3%	14.6%	NA	NA	NA	0.0%
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	12.7%	6.8%	NA	NA	NA	0.0%

<b>(b) Debt instruments (i) Bonds</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	79.4%	60.5%	NA	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	16.6%	32.0%	NA	NA	NA	0.0%
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	4.0%	7.6%	NA	NA	NA	0.0%

<b>(b) Debt instruments (ii) Money markets instruments</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
Y						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	94%	88%	NA	NA	NA	0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	6%	12%	NA	NA	NA	0%

<b>(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
N						
Top five execution venues 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	
DWS International GmbH(S49300TJCLC00HGM008)	96.8%	97.2%	NA	NA	NA	0.0%
DWS Investments Hong Kong Limited(S2990ORX8DKT181MH126)	3.1%	0.7%	NA	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEX8QVCT3B128)	0.1%	2.1%	NA	NA	NA	0.0%

<b>(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives</b>						
Transmission/Execution			Transmission			
Notification if <1 average trade per business day in the previous year						
Y						

Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	100.00%	100.00%	NA	NA	0%
<b>(d) credit derivatives (ii) Other credit derivatives</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	100.00%	100.00%	NA	NA	0%
<b>(e) currency derivatives (ii) Swaps, forwards, and other currency derivatives</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	99.7%	99.7%	NA	NA	4.9%
DWS Investments Hong Kong Limited(S29900RX8DKT181MHL26)	0.3%	0.2%	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEXBQVCT3B128)	0.0%	0.2%	NA	NA	0.0%
<b>(f) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	82.0%	83.2%	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEXBQVCT3B128)	15.5%	11.6%	NA	NA	0.0%
DWS Investments Hong Kong Limited(S29900RX8DKT181MHL26)	2.6%	5.2%	NA	NA	0.0%
<b>(g) Equity Derivatives (ii) Swaps and other equity derivatives</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	99.3%	89.3%	NA	NA	0%
DWS Investments Hong Kong Limited(S29900RX8DKT181MHL26)	0.5%	6.4%	NA	NA	0%
DWS Investment Management Americas, Inc.(C283K4EEEXBQVCT3B128)	0.3%	4.3%	NA	NA	0%
<b>(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	99.98%	99.7%	NA	NA	2.8%
DWS Investments Hong Kong Limited(S29900RX8DKT181MHL26)	0.02%	0.3%	NA	NA	0.0%
<b>(m) Other instruments</b>					
Transmission/Execution		Transmission			
Notification if <1 average trade per business day in the previous year		N			
Top five execution venues 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
DWS International GmbH(S49300TPJCLC00HGM008)	53.2%	75.7%	NA	NA	0.0%
DWS Investments Hong Kong Limited(S29900RX8DKT181MHL26)	34.6%	18.1%	NA	NA	0.0%
DWS Investment Management Americas, Inc.(C283K4EEEXBQVCT3B128)	12.2%	6.2%	NA	NA	0.0%







