Allspring

Allspring Global Investments Luxembourg S.A. for the period 1 January 2022 to 31 December 2022

Debt Instruments - Bonds						
RTS 28 - Execution Venues						
Notification if <1 average trade per business day in the previous year	Yes					
Top 5 execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a % of total in that class	Proportion of orders executed as a % of total in that class	% of passive orders	% of aggressive orders	% of directed orders	
Bloomberg Trading Facility Limited MIC: BMTF	79.30	77.38	0	0	0	
MarketAxess Europe Limited MIC: MAEL	18.03	19.05	0	0	0	
Deutsche Bank AG - London MIC: DBLN	1.94	2.38	0	0	0	
Merill Lynch International MIC: MLIX	0.73	1.19	0	0	0	
ART (65)6 - Execution Brokers Notification if <1 average trade per business day in the previous year	No					
Top 5 investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a % of total in that class	Proportion of orders executed as a % of total in that class	% of passive orders	% of aggressive orders	% of directed orders	
J.P. Morgan Securities LLC LEI: ZBUT11V806EZRVTWT807	19.14	12.09	0	0	0	
		11.50	0	0	0	
Citigroup Global Markets Inc. LEI: MBNUM2BPBDO7JBLYG310	14.61	11.59	0	0		
5 1	14.61 11.05	10.33	0	0	0	
EI: MBNUM2BPBDO7JBLYG310 Morgan Stanley & Co. LLC					-	

<u>Qualitative analysis</u> Debt Instruments - Bonds

Allspring UK trading analysis - Where the Firm passes orders directly to brokers for execution, the Firm will use reasonably available and relevant sources to establish the best price including, but not limited to, historical and current transaction prices for the instrument; quotes for, or yields on, a comparable financial instrument; third party pricing vendor information and external or internal pricing models. For more liquid instruments (such as G10 sovereign bonds or higher rated corporates) where multiple potential counterparties can be contacted without compromising our ability to obtain the best price, quotes will be obtained from more than one counterparty (normally at least three). There may be circumstances, e.g. in less liquid government and corporate bond markets or for orders above a certain size, where obtaining quotes may alert the market to our strategy, which could be detrimental to our client/s. In such circumstances, we will take into consideration market levels by using information from various venues (e.g. Trade web or Bloomberg MTF) and will execute OTC based upon such information as well as the counterparty's ability to provide settlement and competitive spreads, as well as liquidity. For certain transactions, there may be only one potential counterparty. Online electronic trading venues are the Firm's preferred method to effect fixed income transactions as they provide the opportunity for the Firm to obtain simultaneous competing bids/offers. In addition, we believe electronic trading venues typically provide the best price by initiating competition among multiple independent buyers and sellers. Other execution factors that the Firm takes into account, other than price, include costs, time and speed of execution and counterparty risk.

Allspring Investments trading analysis - When trading on behalf of client portfolios, we use our relative value analysis, current market trading levels and market expertise to achieve best execution. Liquidity, as well as price can also be a very important input to achieving best execution while managing portfolio risk and performance. With respect to trading venue, we will either engage broker/dealers directly or utilize competition to achieve best execution. When trading directly with a counterparty, we are utilizing credit market expertise and targeting specific dealers that will provide best execution. When utilizing competition, it is typically via an electronic platform where we are able to solicit bids/offer from multiple dealers.

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Notification if <1 average trade per business day ir					
the previous year	Yes				
Top 5 execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a % of total in that class	Proportion of orders executed as a % of total in that class	% of passive orders	% of aggressive orders	% of directed orders
FX Connect MIC: MFXC	67.01	77.27	0	0	0
FXGO (Bloomberg Trading Facility Ltd) MIC: BMTF	32.99	22.73	0	0	0
ART (65)6 - Execution Brokers					
Notification if <1 average trade per business day ir the previous year	Not applicable				
Top 5 investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a % of total in that class	Proportion of orders executed as a % of total in that class	% of passive orders	% of aggressive orders	% of directed orders

Not applicable

Qualitative analysis Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Allspring UK trading analysis - The Firm's practice with respect to the execution of orders in currency derivatives is broadly similar to those used for debt instruments. Primary determining factors are whether the Firm has active credit lines and documentation, price and likelihood of settlement. Taking into account these factors the Firm will generally transact via the multi-lateral trading venue FXGO. However, for certain clients, the Firm is required to execute all currency derivative orders with the client's appointed custodian bank and may be given specific instructions to restrict trading with certain counterparties or brokers.

Allspring Investments trading analysis - When trading on behalf of client portfolios, we use current market trading levels and market expertise to achieve best execution. Liquidity, as well as price can also be a very important input to achieving best execution while managing portfolio risk and performance.

With respect to trading venue, we will either engage broker/dealers directly or utilize competition to achieve best execution. When trading directly with a counterparty, we are targeting specific dealers that will provide best execution. We use a competitive process to solicit bids/offers from multiple dealers, which can be achieved through voice trading or an electronic execution platform.

Debt Instruments - Money Mark	et Instruments				
RTS 28 - Execution Venues					
Notification if <1 average trade per business day in					
the previous year	Not applicable				
Top 5 execution venues ranked in terms of trading	Proportion of volume	Proportion of orders	% of passive	% of aggressive	% of directed
volumes (descending order)	traded as a % of total in	executed as a % of total	orders	orders	orders
	that class	in that class			
	Not app	licable			
ART (65)6 - Execution Brokers					
Notification if <1 average trade per business day in	[
the previous year	Yes				
Top 5 execution venues ranked in terms of trading	Proportion of volume	Proportion of orders	% of passive	% of aggressive	% of directed
volumes (descending order)	traded as a % of total in	executed as a % of total	orders	orders	orders
	that class	in that class			
J.P. Morgan Securities LLC	100.00	100.00	0	0	0
LEI: ZBUT11V806EZRVTWT807	100.00	100.00	0	0	0
	Qualitative Debt Instruments - Mone				
Allspring Investments trading analysis - Orders in			described for De	ebt instruments: B	onds (as
detailed in this report). Key criteria in selecting cou					
 ability to source money market instruments for put 			5		
• ability to provide liquidity for sales of money mark					
 speed of execution; and 					
• credit worthiness.					
Due to the Firm's relatively low volumes in such inst depending on a particular execution strategy and a	-		asis of its suitab	pility for that trans	action,

Interpretions year Not applicable Top 5 execution venues ranked in terms of trading volumes (descending order) Proportion of volume traded as a % of total in that class Proportion of orders executed as a % of total in that class % of passive orders % of aggressive orders % of directer orders Not applicable ART (65)6 - Execution Brokers Not applicable ART (65)6 - Execution Brokers Notification if <1 average trade per business day in the previous year Top 5 execution venues ranked in terms of trading volume traded as a % of total in that class Proportion of volume volumes (descending order) Proportion of volume trade as a % of total in that class % of passive orders % of aggressive orders Motification if <1 average trade per business day in the previous year Top 5 execution venues ranked in terms of trading volume traded as a % of total in that class Proportion of volume volumes (descending order) Proportion of volume traded as a % of total in that class % of passive orders % of directer orders Morgan Stanley & Co. LLC 100 00 100 00 0 0 0 0	RTS 28 - Execution Venues					
volumes (descending order) traded as a % of total in that class executed as a % of total in that class orders orders <thodd<thoddetsis< th=""> orders</thodd<thoddetsis<>	Notification if <1 average trade per business day in the previous year	Not applicable	-			
ART (65)6 - Execution Brokers Notification if <1 average trade per business day in the previous year Top 5 execution venues ranked in terms of trading volumes (descending order) Proportion of volume traded as a % of total in that class % of passive orders % of aggressive orders % of directer orders Morgan Stanley & Co. LLC 100.00 100.00 0 0 0 0 LEI: 9R7GPTSO7KV3UOJZQ078 100.00 100.00 0 0 0 0 Understand Interval Interval Interval Interval Interval Interval Use of the previous year Interval <		traded as a % of total in	executed as a % of total			% of directed orders
Notification if <1 average trade per business day in the previous year Yes Top 5 execution venues ranked in terms of trading volumes (descending order) Proportion of volume traded as a % of total in that class % of passive orders % of aggressive orders % of directer orders Morgan Stanley & Co. LLC LEI: 9R7GPTSO7KV3UOJZQ078 100.00 100.00 0		Not app	licable			
The previous year Yes Top 5 execution venues ranked in terms of trading volumes (descending order) Proportion of volume traded as a % of total in that class Proportion of orders executed as a % of total in that class % of aggressive orders % of directer orders Morgan Stanley & Co. LLC LEI: 9R7GPTSO7KV3UQJZQ078 100.00 100.00 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
volumes (descending order) traded as a % of total in that class executed as a % of total in that class orders orders orders Morgan Stanley & Co. LLC LEI: 9R7GPTSO7KV3UQJZQ078 100.00 100.00 0		Yes				
LEI: 9R7GPTSO7KV3UQJZQ078 100.00 0 <th< td=""><td></td><td>traded as a % of total in</td><td>executed as a % of total</td><td></td><td>00</td><td>% of directed orders</td></th<>		traded as a % of total in	executed as a % of total		00	% of directed orders
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