3. G1 Execution Services, LLC

Types of Orders Routed to Venue :

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Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total non-directed orders	90.40%
Limit orders as percentage of total non-directed orders	7.44%
Other orders as percentage of total non-directed orders	2.16%

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Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total non-directed orders	95.31%
Limit orders as percentage of total non-directed orders	3.45%
Other orders as percentage of total non-directed orders	1.23%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC 57.47%

5. UBS Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	2.14%
Limit orders as percentage of total non-directed orders	1.94%
Other orders as percentage of total non-directed orders	3.79%

6. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	0.00%
Limit orders as percentage of total non-directed orders	27.81%
Other orders as percentage of total non-directed orders	0.00%

7. Cboe BZX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	0.00%
Limit orders as percentage of total non-directed orders	16.09%
Other orders as percentage of total non-directed orders	0.00%

8. NYSE Arca

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	0.00%
Limit orders as percentage of total non-directed orders	12.11%
Other orders as percentage of total non-directed orders	0.00%

9. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue:

Market orders as percentage of total non-directed orders	0.00%
Limit orders as percentage of total non-directed orders	10.fpu1mk0kmfffpu1Efpui ts s, LLC

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Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total non-directed orders	58.64%
Limit orders as percentage of total non-directed orders	41.00%
Other orders as percentage of total non-directed orders	0.36%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1.	Cboe Options Exchange	34.49%
2.	NASDAQ PHLX Options	20.35%
3.	BOX Option Exchange	7.93%
4.	NASDAQ Options Market	7.59%
5.	NYSE Arca Options	5.60%
6.	ISE Gemini Options Exchange	

5. NYSE Arca Options

Market orders as percentage of total non-directed orders	1.19%
Limit orders as percentage of total non-directed orders	11.96%
Other orders as percentage of total non-directed orders	0.00%

6. ISE Gemini Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	1.39%
Limit orders as percentage of total non-directed orders	10.80%
Other orders as percentage of total non-directed orders	0.00%

7. Cboe BZX Options Exchange, Inc.

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	2.27%
Limit orders as percentage of total non-directed orders	9.42%
Other orders as percentage of total non-directed orders	0.00%

8. Cboe EDGX Option Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	1.50%
Limit orders as percentage of total non-directed orders	6.89%
Other orders as percentage of total non-directed orders	0.00%

9. The MIAX Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total non-directed orders	2.93%
Limit orders as percentage of total non-directed orders	4.41%
Other orders as percentage of total non-directed orders	0.00%

10. NYSE American Options

Types of Orders Routed to Venue:

Market orders as percentage of total non-directed orders	3.24%
Limit orders as percentage of total non-directed orders	1.16%
Other orders as percentage of total non-directed orders	0.00%