

# SINGLE PROBABILITY DISCOUNT FOR LACK OF MARKETABILITY Based on Marketing Period Probability

# Appraiser

Sam Murray Sample Company 9876 4th Street, Suite 1 Kansas City, MO 64114 US 1234567890 sverdlovs@vianello.biz

# **Valuation Subject**

Sample Company 1234 First Street Suite 100 Kansas City, MO 64114 United States

# Valuation Date

03 / 10 / 2016

# **Report Date**

04 / 14 / 2016

# Probability-Adjusted Discount for Lack of Marketability

26.4%



Based on Marketing Period Probability Valuation Date: 03/10/2016 For: Sample Company

## **Summary Results**

Discount for Lack of Marketability	
Probability Adjusted DLOM	26.4%
Cumulative DLOM at Marketing Mean	14.0%
Cumulative DLOM at Marketing Median	10.6%
Cumulative DLOM at Marketing Mode	4.4%
Marketing Period	
Average	206.7

Standard Deviation	182.1
Median	155.1
Mode	87.3
95th Percentile	1,289.1
Probability Adjusted Marketing Period	202.9
Coefficient of Variation	0.9

# **Price Volatility**

Average

40.0%



#### Summary Results

#### **Marketing Period Statistics**

Factor Name	Specified Range	Average Days	Standard	Coefficient of	Standard Error	Transaction Count	95% Confide	95% Confidence Interval	
			Deviation in Days	Variation			Low	High	
Asking Price	\$79,000 to	203.4	177.9	0.9	2.3	5,924	198.9	207.9	
	\$194,000								
Employees	0 to 5	204.2	178.3	0.9	1.7	11,134	200.9	207.5	
Annual Revenue	\$0 to \$830,000	207.3	181.7	0.9	1.6	12,336	204.1	210.5	
Year	1998, 1999, 2000	196.4	181.6	0.9	4.3	1,778	187.9	204.8	
Month	Aug, Sept, Oct	219.3	189.5	0.9	2.9	4,218	213.6	225.1	
Region	AR, CA, CO	208.7	196.7	0.9	3.7	2,846	201.5	215.9	
Weighted Average	e of Factors	206.7	182.1	0.9	0.9	38,236	204.9	208.5	
Population of Tra	nsactions	213.2	187.8	0.9	1.5	15,138	210.2	216.2	
Transactions Witl	h All Factors	164.3	144.2	0.9	21.7	44	121.7	206.9	

#### **User Provided Volatility**

Volatility

40%

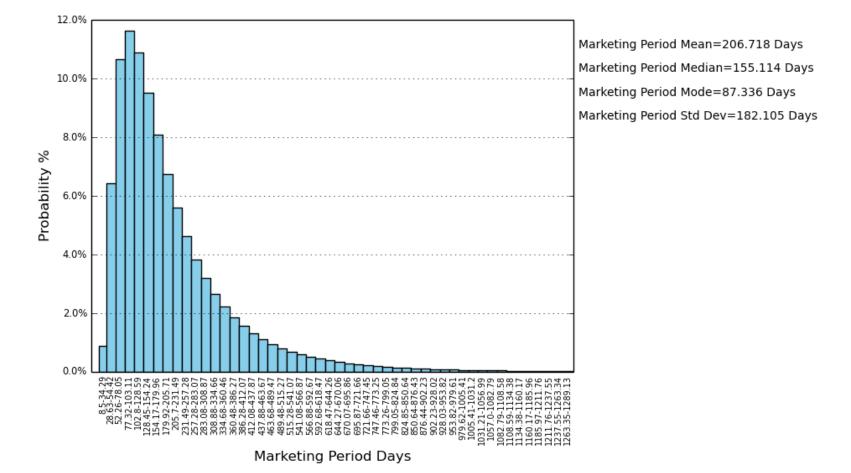
Formula Inputs

Selected Formula Marketing Period Carrying Cost Cost of Money (APR) Longstaff Simple 10%



## Marketing Period Graphs



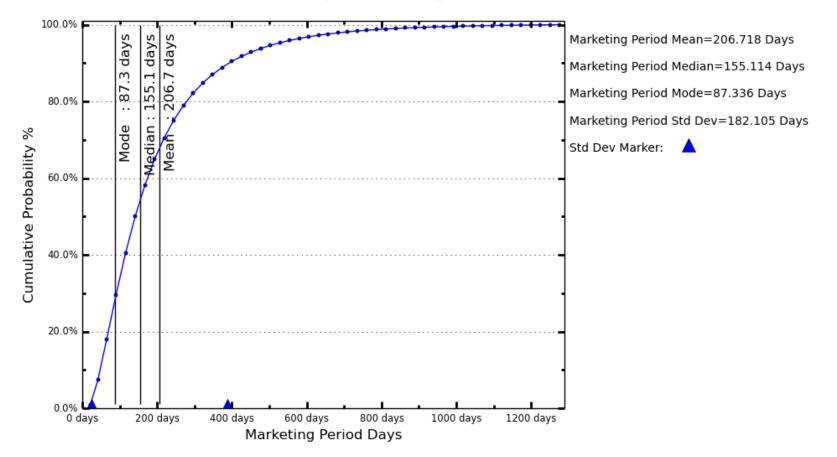


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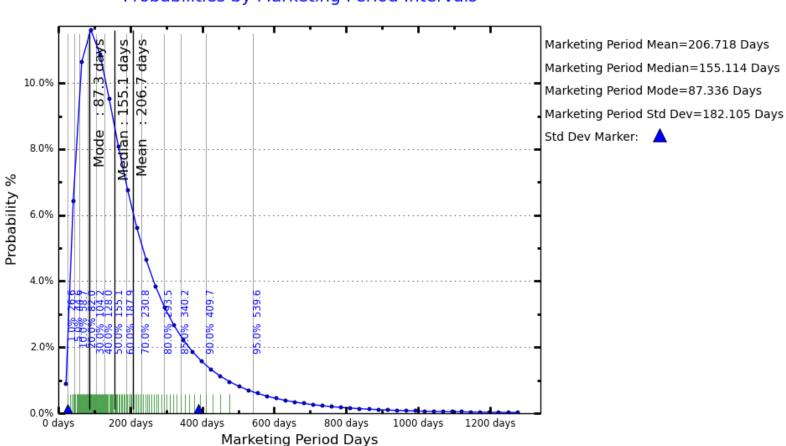
Marketing Period Graphs

### Cumulative Probability of Marketing Period





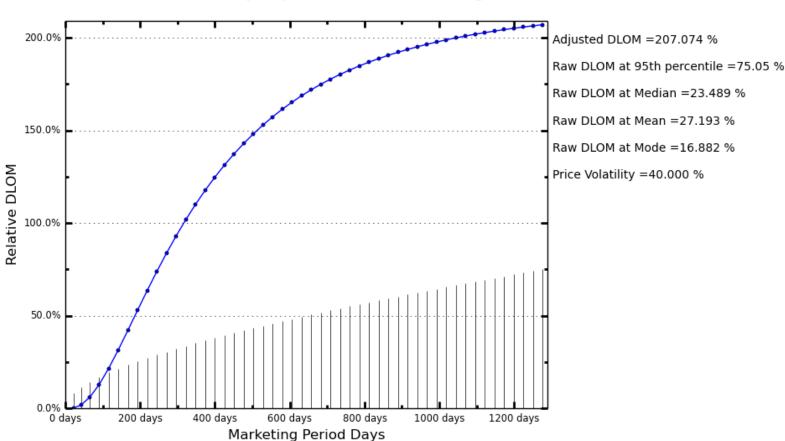
### Marketing Period Graphs



## Probabilities by Marketing Period Intervals



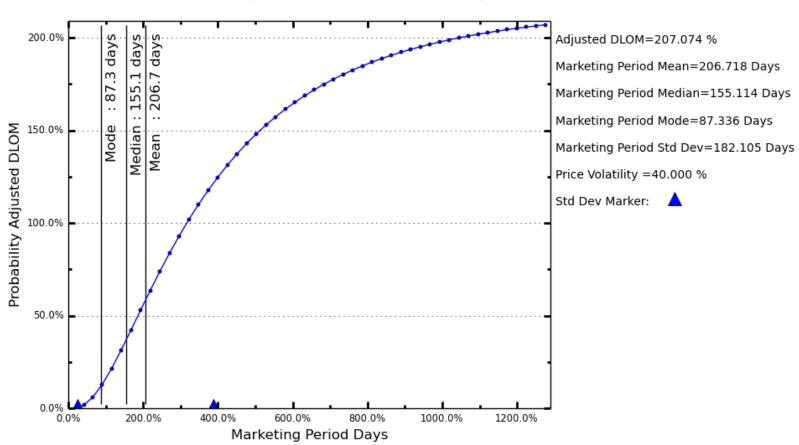
**DLOM Graphs** 



Cumulative Probability Adjusted DLOM (Marketing Period)



**DLOM Graphs** 



Cumulative Probability Adjusted DLOM (Marketing Period)