

Kelly Betting Expectancy Formula			Trade Calculator	
From video with Daniel Jassy (Spider Crusher): https://youtu.be/dAMsKy1Y9hA?t=54				
Annotation: (\$250 when right * 32%) + (-\$100 * 68% wrong)			1 Bitcoin =	\$578.00
Bank Roll	\$10,000.00		Stop Loss Price	\$582.17
Percent of BR used per trade	0.01		Closed P&L	\$1.22
Probability	0.32		Open Price	\$580.95
Capital at Risk	\$100.00		Trade Size	\$5,685.25
Risk Reward Ratio	2.5 to 1		Long	
			Short	-\$11.94
Average *expected* return per trade	\$12.00		The trade calculator tells you how much your trade size should be based on your risk profile you specified to the left in the "Percent Bankroll used". Only adjust the cells that are green.	
If everytime we trade we force ourselves to trade 2.5 to 1 come hell or high water one thousand times we should *expect* make on average:	\$12,000.00		Enter the Open Price, Stop Loss Price and Closed P&L from the Risk Reward Tool in Tradingview. Your trade size is displayed in Bold in both Fiat and Bitcoin equivalent. Remember to update the Bitcoin price above. Long and Short will light up automatically.	
In this document you can set the parameters in column C to suit your individual needs. Remember it only gives you an expectation of return over time.				
This document is for informational purposes only! It is not intended as financial advice. You are not being instructed to trade based on the information presented on this spread sheet. Use at your own risk.				

Enter Your Hit Rate ==>>>	35	
This is your Kelly Wager	7240.00%	

			Cheat Sheet Over/Under Wagering	
0.139				
	Enter Your Hit Rate ==>>>	59%	Hit Rate	Kelly Wager
			55.00%	5.50%
	This is your Kelly Wager	13.90%	55.50%	6.55%
			56.00%	7.60%
			56.50%	8.65%
			57.00%	9.70%
	Dangers of Over Betting		57.50%	10.75%
	http://www.drboobsports.com/essays.cfm?p=5		58.00%	11.80%
			58.50%	12.85%
			59.00%	13.90%
	What is a Kelly Wager? ---		59.50%	14.95%
			60.00%	16.00%
	It represents the percentage of your bankroll that should be wagered per bet.		60.50%	17.05%
			61.00%	18.10%
			61.50%	19.15%
	It is the theoretical optimum bet, that will maximize the expected bankroll growth, given a consistent and accurate historical hit rate.		62.00%	20.20%
			62.50%	21.25%
			63.00%	22.30%
			63.50%	23.35%
			64.00%	24.40%
	IN THE LONG RUN...The Kelly Criterion betting strategy will outperform any other betting strategy.		64.50%	25.45%
			65.00%	26.50%
			65.50%	27.55%
			66.00%	28.60%
			66.50%	29.65%
			67.00%	30.70%
			67.50%	31.75%
			68.00%	32.80%
			68.50%	33.85%
			69.00%	34.90%
			69.50%	35.95%
			70.00%	37.00%
			70.50%	38.05%
			71.00%	39.10%
			71.50%	40.15%

			72.00%	41.20%
			72.50%	42.25%
			73.00%	43.30%
			73.50%	44.35%
			74.00%	45.40%
			74.50%	46.45%
			75.00%	47.50%
			75.50%	48.55%
			76.00%	49.60%
			76.50%	50.65%
			77.00%	51.70%
			77.50%	52.75%
			78.00%	53.80%
			78.50%	54.85%
			79.00%	55.90%
			79.50%	56.95%
			80.00%	58.00%

Hit Rate	Kelly Wager			
55.00%	5.50%			
55.50%	6.55%			
56.00%	7.60%			
56.50%	8.65%			
57.00%	9.70%			
57.50%	10.75%			
58.00%	11.80%			
58.50%	12.85%			
59.00%	13.90%			
59.50%	14.95%			
60.00%	16.00%			
60.50%	17.05%			
61.00%	18.10%			
61.50%	19.15%			
62.00%	20.20%			
62.50%	21.25%			
63.00%	22.30%			
63.50%	23.35%			
64.00%	24.40%			
64.50%	25.45%			
65.00%	26.50%			
65.50%	27.55%			
66.00%	28.60%			
66.50%	29.65%			
67.00%	30.70%			
67.50%	31.75%			
68.00%	32.80%			
68.50%	33.85%			
69.00%	34.90%			
69.50%	35.95%			
70.00%	37.00%			
70.50%	38.05%			
71.00%	39.10%			
71.50%	40.15%			
72.00%	41.20%			
72.50%	42.25%			
73.00%	43.30%			
73.50%	44.35%			
74.00%	45.40%			
74.50%	46.45%			
75.00%	47.50%			
75.50%	48.55%			
76.00%	49.60%			
76.50%	50.65%			
77.00%	51.70%			
77.50%	52.75%			
78.00%	53.80%			
78.50%	54.85%			
79.00%	55.90%			
79.50%	56.95%			
80.00%	58.00%			

Hit Rate %

Kelly Wager %

33

10

62

20

67

30

71

40

80

60