


1. Ability to backtest over a custom time period
 - a. 1e from June 2023 - present
2. Backtest should cover how many trades were taken and how many trades paid 1.25R, 1.5R, and 2R and convert to a percentage (R's explained in the strategy)
3. For spreadsheet indicate "true" using "0" and "false" using "1"

	A	B	C	D	E	F	G	H
52								
53	date	range	long or short	1.25R	time 1.25 paid	1.5R	2R	3R
54	6/21/23	0.00064	LONG	0	11:15	0	1	2
55	6/22/23	0.00058	SHORT	2	10:40	2	2	3
56	6/23/23	0.00023	SHORT	0	11:00	0	0	1
57	6/24/23	0.00430	N/A	N/A	N/A	N/A	N/A	N/A
58	total trades	2		selected candle time	10:00-10:05			

- a. instead of a single "rev" column, each of 1.25R, 1.5R, 2R, 3R should have its own column like in this picture
- b. Please use the date instead of trade number so that I can go back and look over the data
- c.  project proposal template this file shows how I would like the win rates to be summed up; please scroll to the bottom and you can click on the different cells to see the formulas to calculate the win rates; please copy this for each of 1.25R, 1.5R, 1.75R, and 2R

1.25 R			125		
rev 0	rev 1	rev 2	rev 3	stop	
63	35	10	10	7	
50.40%	28.00%	8.00%	8.00%	5.60%	
cumulative	78.40%	86.40%	94.40%		
rev 0 R	13.4				
rev 1 R	40.2				
rev 2 R	25.8				
rev 3 R	61				
1.5 R					
rev 0	rev 1	rev 2	rev 3	stop	
59	29	16	6	15	
47.20%	23.20%	12.80%	4.80%	12.00%	
cumulative	70.40%	83.20%	88.00%		
rev 0 R	18.0				
rev 1 R	28.4				
rev 2 R	38.0				
rev 3 R	112.4				

Input Parameters

1. Candlestick range criteria (range minimum - range maximum)
 - a. If range exceeds minimum then no trade
 - b. If range exceeds maximum then no trade
2. Candlestick input time in Pacific Time
3. Total risk in USD and enter x amount of contracts based on the range
 - a. If the risk is \$150 and range is 6 points (\$30) for MES then enter 5 contracts. If the risk is \$150 and range is 6.75 points (\$33.75) for MES then enter 4.5 contracts; more on half contract later
4. Take profit in % of position (up to 3)
 - a. Simple ratio of contracts to take off at selected R level
 - b. If take profit is not used then will use 100% take profit to get all out of position
5. Reverse or NOT and maximum amount of revs
 - a. Ability to stop out at low or high of candlestick without reversing position at the low or high regardless of 1.25R being hit
 - i. More specifically, if price breaks out at the high of candle, and 1.25R is not hit, then do NOT reverse at the low of candle and vice versa

- b. Conversely, ability to continue to reverse and double position size until 1.25R is hit
 - i. If I enter 1 lot at short, then I reverse if 1.25R is not hit to the short side at the high of the candle and enter 2 lots; if 1.25R not hit to the long side I enter short of the candle again with 4 lots; if 1.25R not hit to the short side again, then I enter to the long side with 8 lots; essentially, going from 1 -> 2 -> 4 -> 8 -> 16 etc. until price target is hit
 - 1. 1 lot is for simple unit calculation; would like to think in terms of USD
 - 2. However, I want the freedom to reverse up until x amount of revs; so if I input up to rev 2 then after rev 2, I will stop out at the high or low of the candle; in other words, include maximum amount of reverses
 - ii. "Scenario 2" in the strategy portion
- 6. Trade direction buy and sell default
 - a. Buy only
 - b. Sell only
- 7. Wait for second entry
 - a. Option to wait until after the first "chop" to enter long or short
- 8. Move stop to break even after price reaches R level
 - a. Default set to break even when 1.25R is reached but option to switch to 1R, 1.5R, 2R, etc.
- 9. 5050 trade if range exceeds _____
 - a. Turn off as default
 - b. Option to wait for second entry
 - c. Option to continue to reverse until 1.25R is hit or not
 - d. Again add maximum amount of reverses until stop out
- 10. "Quad" setup
 - a. Default should include top and bottom range ONLY
 - b. Option to turn on "full" setup which includes middle two ranges
 - c. Should be able to include the minimum and maximum range
 - d. 5050 if range exceeds maximum range
 - e. "Variant" aka $\frac{1}{3}$ range if range below minimum range; play as you would a normal quad range
- 11. Option to "front run" both price target or stop loss
- 12. Option to enter at high or low of candle "exception"
 - a. Orders are to be entered by default one tick above/below candle high/low

Strategy

- 1. Log the range of a designated candle in any market and any time frame with the ability to select the candle
 - a. For example selecting the 5 min candle from 10:00 to 10:05 Pacific Time

2. Enter a buy signal when price breaks out of the selected candle range and place a stop at the bottom of the candle
3. Move stop to break even or top of the selected candle range if first price target at 1.25R or 1.25 times the range of the selected candle is hit; second price target at 1.5R and third price target at 2R; option to remove stop to break even at 1.25R
 - a. Think of "R" as multiplier for the size of the candle; so if candle is 1 pip then 1.25R is 1.25 pips
4. Enter sell signal when price breaks out of the selected candle range and place a stop at the bottom of the candle
 - a. Repeat step 3 for the sell signal

5. 5050 trade explanation

- a. Primarily for candle ranges that are too large to get out of a trade quicker
- b. Enter at high of selected candle range or the low of selected candle range and then move the stop to the midpoint of the candle aka the "5050"
- c. Target the R targets based on the range of the 5050 and the low or high of selected candle

6. .5 contract explanation

- a. Similar execution to the 5050 trade with slight variance
- b. If risk is \$150 and range is 6.75 points or \$33.75 for MES, the normal position size = $150/33.75 = 4.44$ contracts; since fractional contracts are not possible, I would like the ability to play a singular contract as a "5050" trade; also should enter with 5 contracts and take that singular contract off at the selected price target for the 5050 or have it stop out; picture below

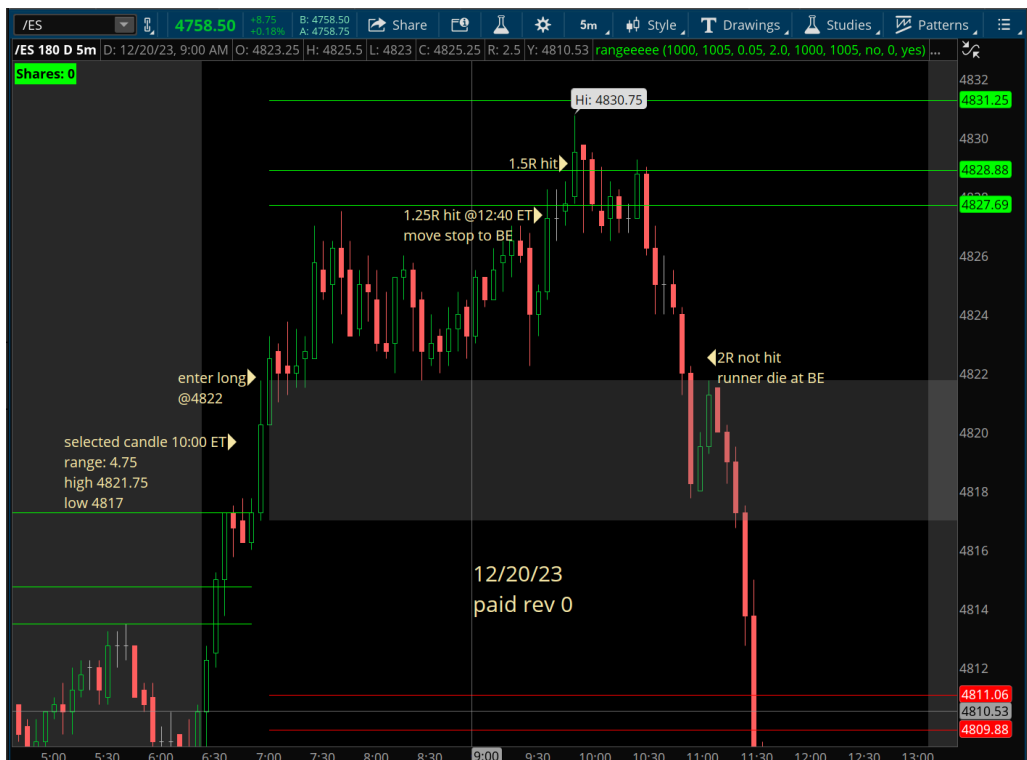
Scenario 2 (reverse on function)

1. If price does not hit 1.25R, then reverse at the break of the low of the candle and aim for price targets; repeat previous until first price target is hit
7. Log how long each trade took to hit the price target whether it never reversed, reversed once, twice, etc.

Example 5b



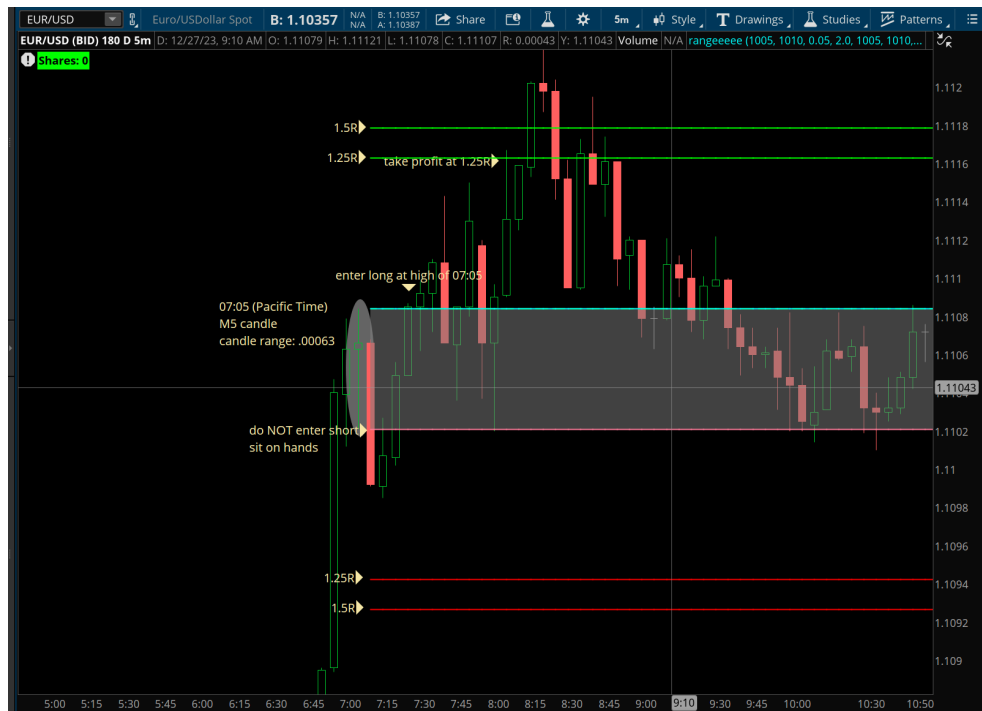
Example 5a



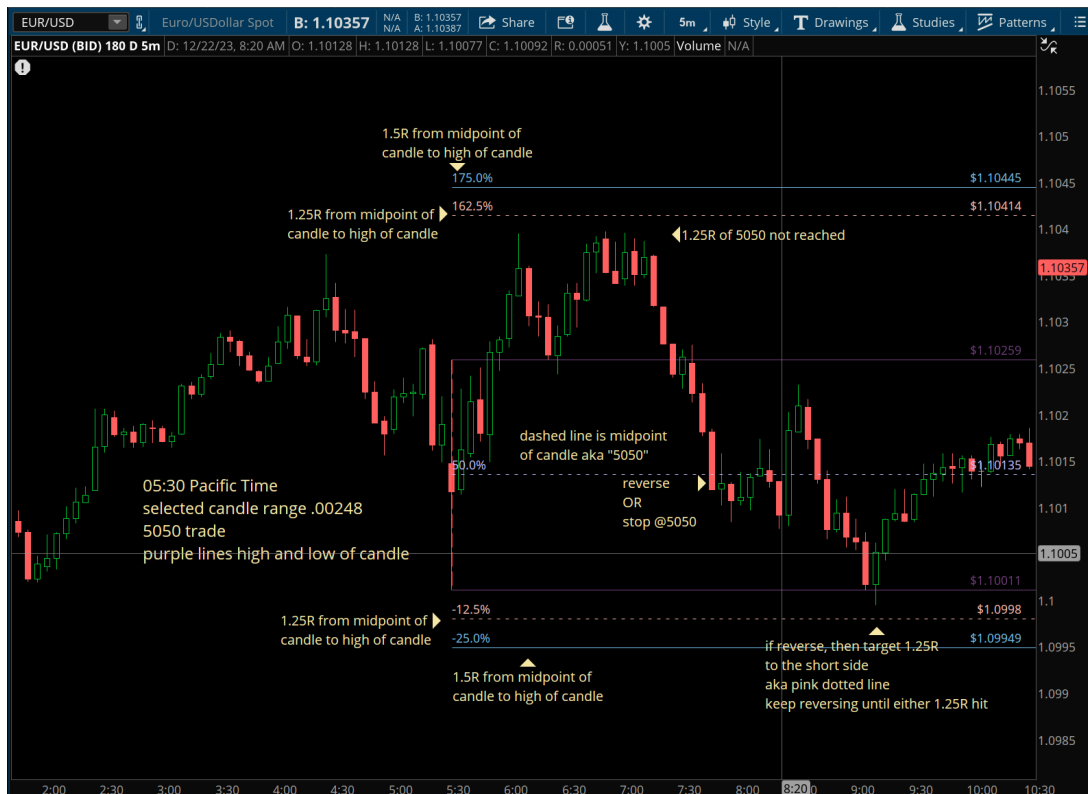
Example 5b2



Example 7a



5050 example



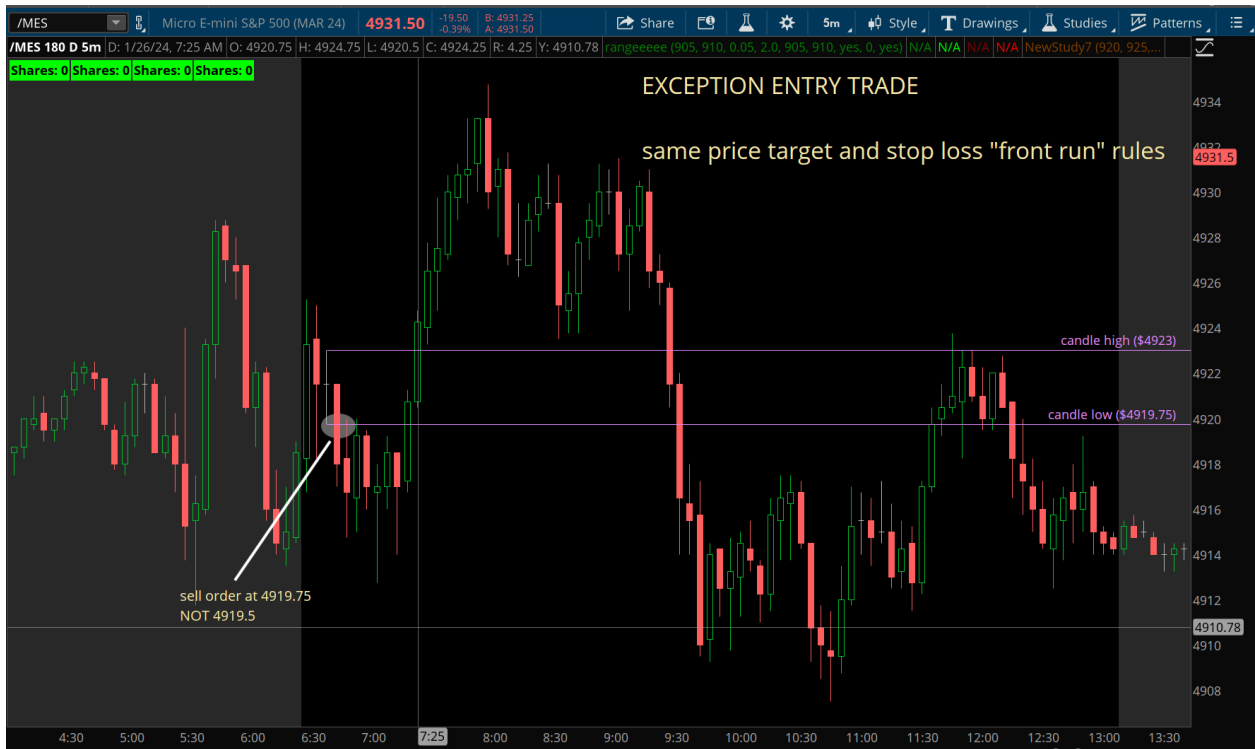
Example 6a for strategy (aka .5 contract)



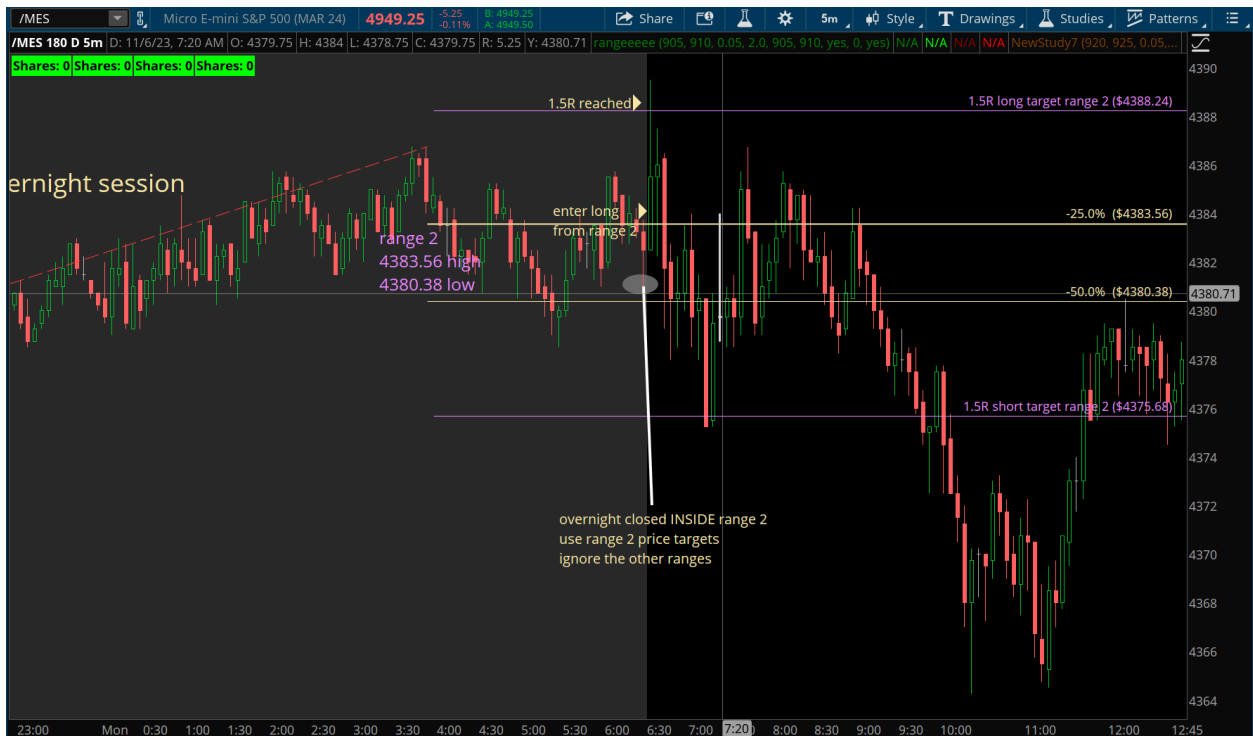
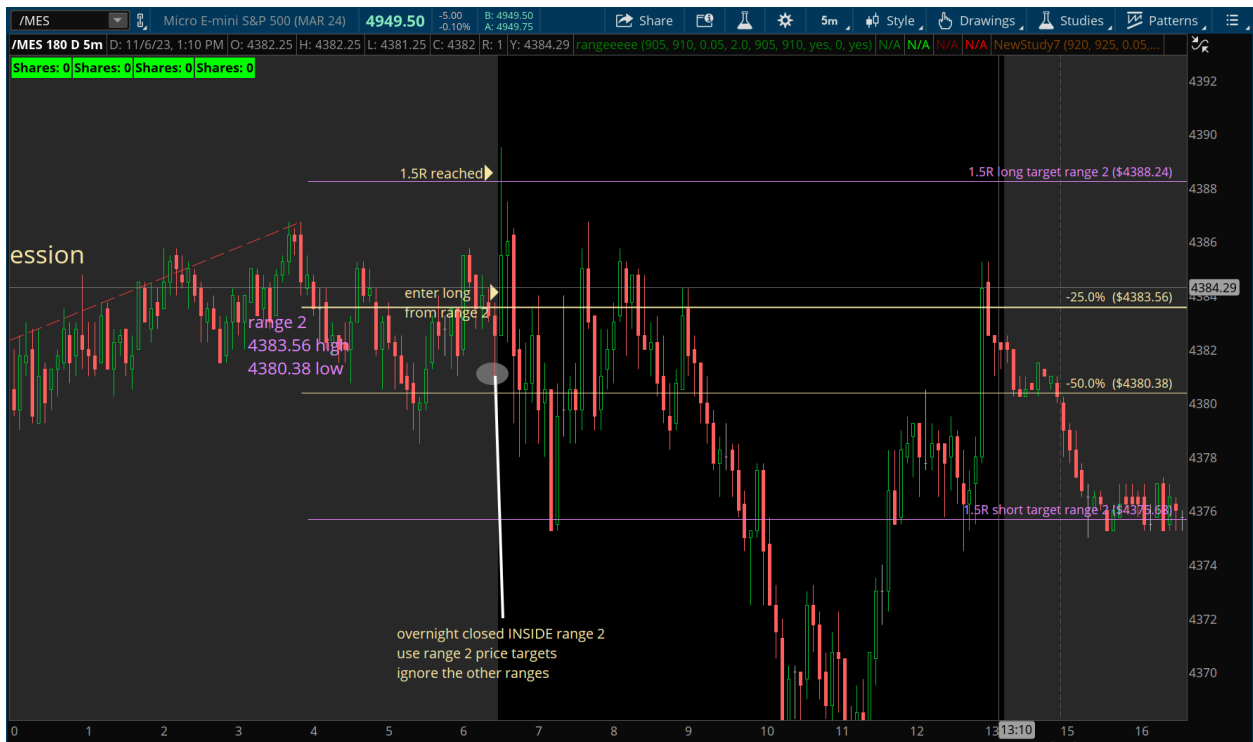
Example 10 for “Quad” default setting



Exception Trade Example



Quad "full setting"



Quad "variant" aka $\frac{1}{3}$ range



Front run price target vs front run stop loss



