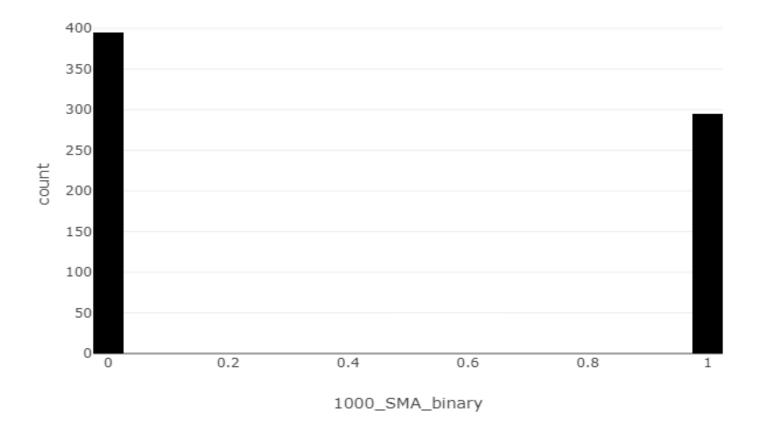
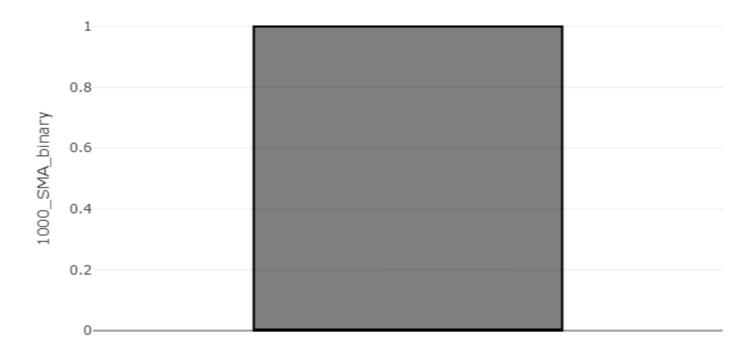
Histogram of 1000_SMA_binary



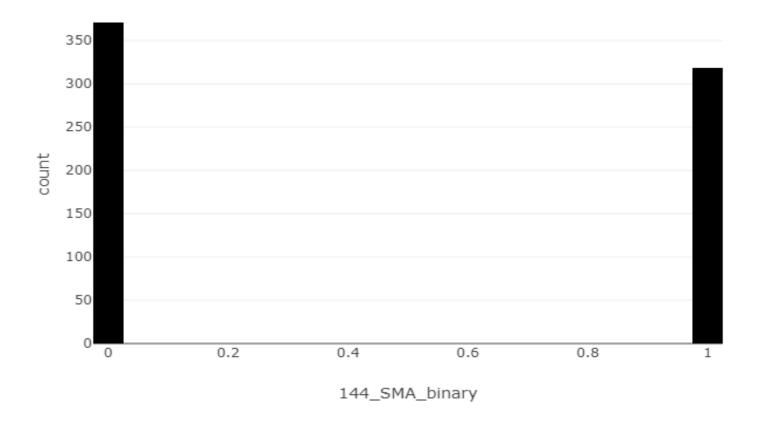
Histogram of 1000_SMA_binary

Box Plot of 1000_SMA_binary



Box Plot of 1000_SMA_binary

Histogram of 144_SMA_binary



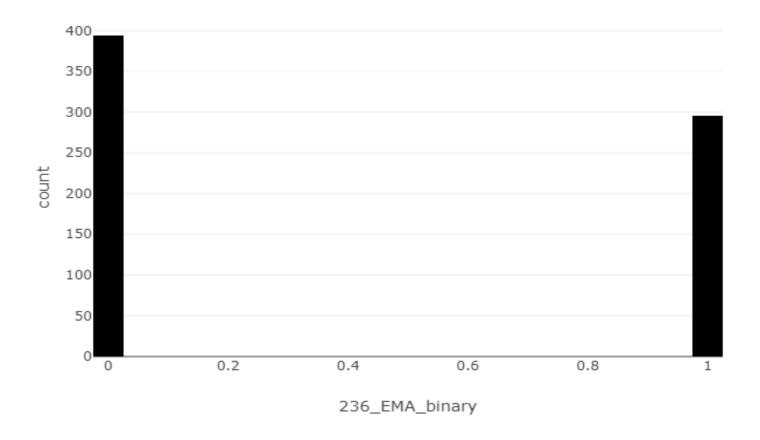
Histogram of 144_SMA_binary

Box Plot of 144_SMA_binary



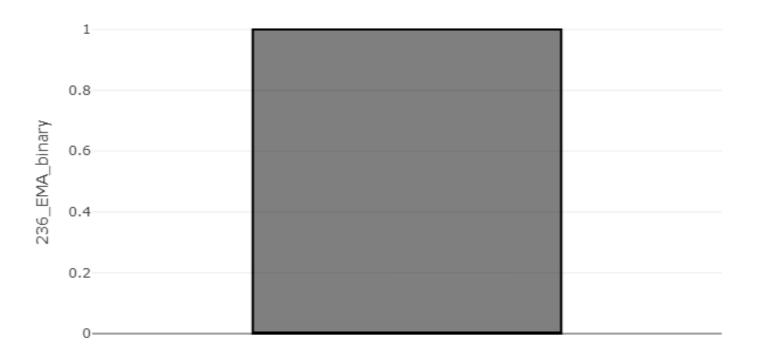
Box Plot of 144_SMA_binary

Histogram of 236_EMA_binary



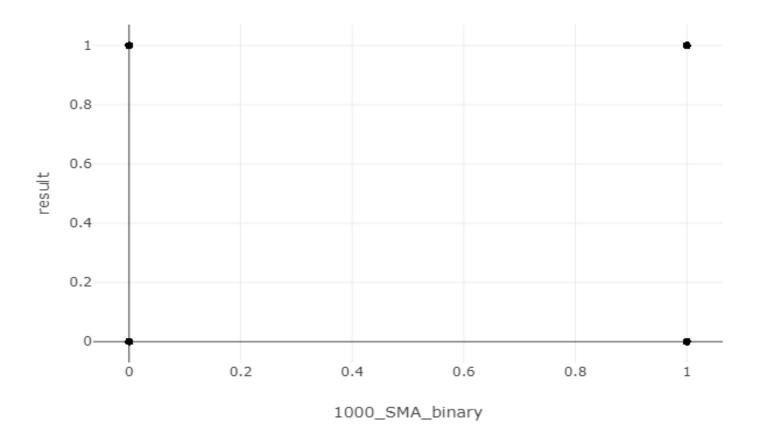
Histogram of 236_EMA_binary

Box Plot of 236_EMA_binary



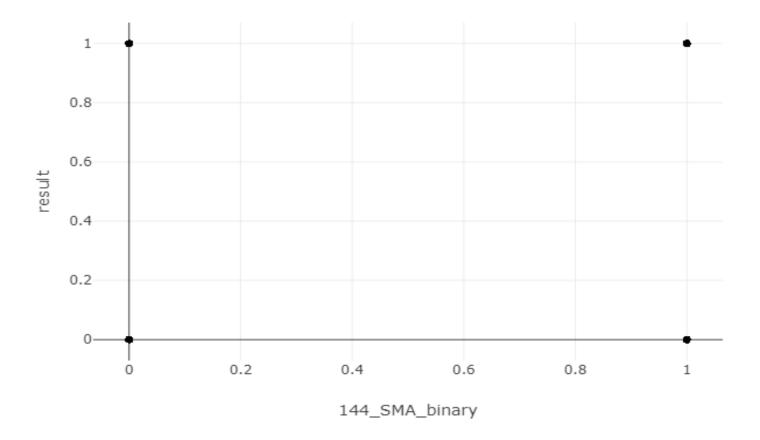
Box Plot of 236_EMA_binary

Scatter Plot of 1000_SMA_binary vs result



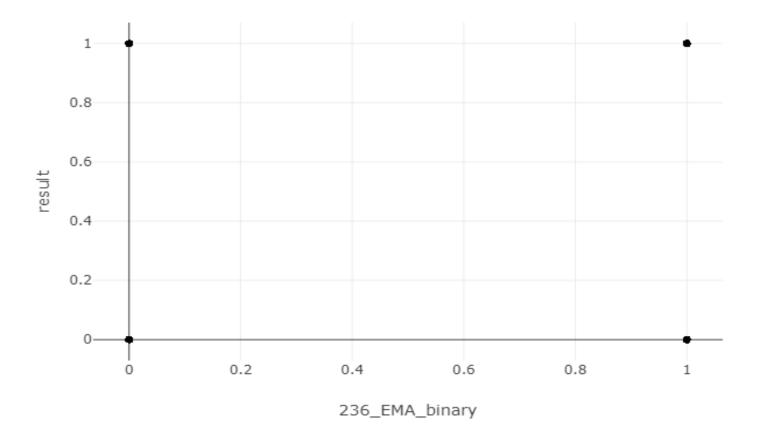
Scatter Plot of 1000_SMA_binary vs result

Scatter Plot of 144_SMA_binary vs result



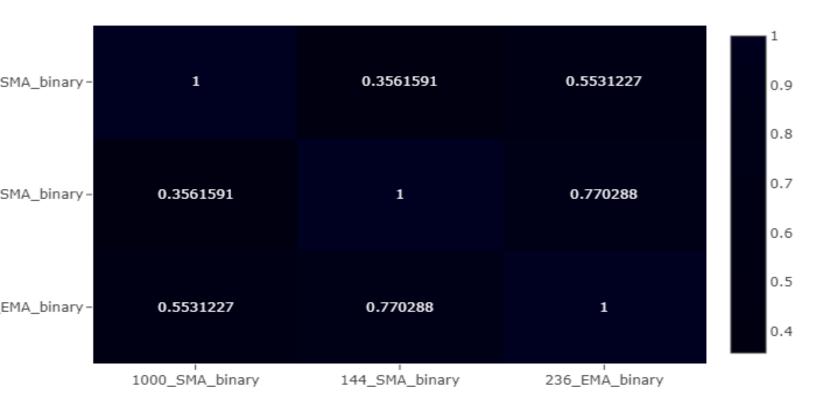
Scatter Plot of 144_SMA_binary vs result

Scatter Plot of 236_EMA_binary vs result



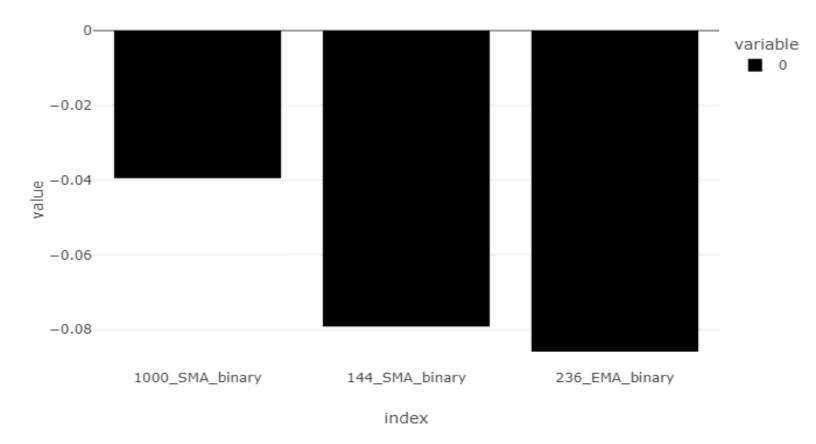
Scatter Plot of 236_EMA_binary vs result

Correlation Matrix



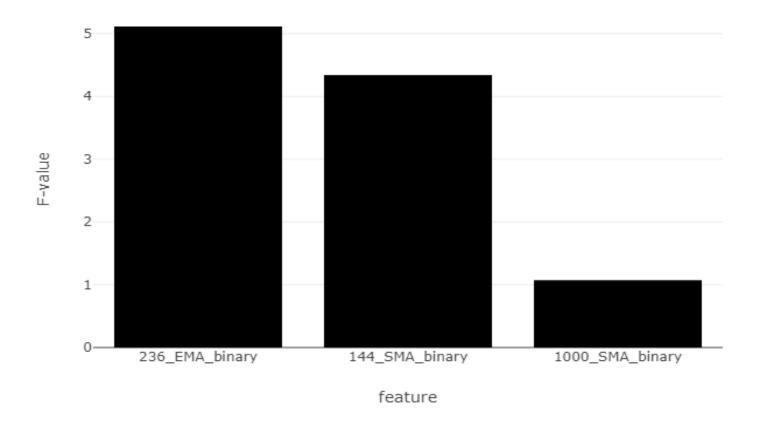
Correlation Matrix

Correlation with Target Variable (All Trades)



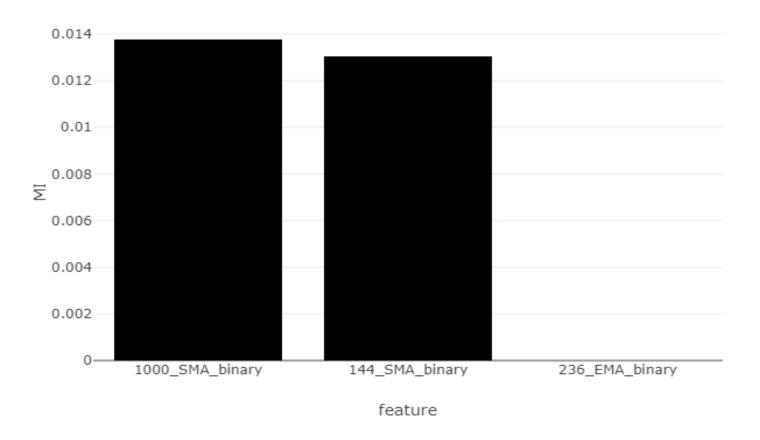
Correlation with Target Variable (All Trades)

ANOVA F-Test Scores (All Trades)



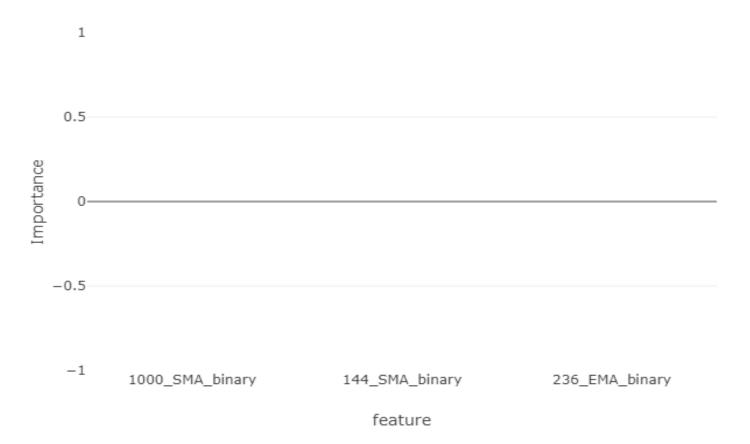
ANOVA F-Test Scores (All Trades)

Mutual Information Scores (All Trades)



Mutual Information Scores (All Trades)

Permutation Importance Scores (All Trades)



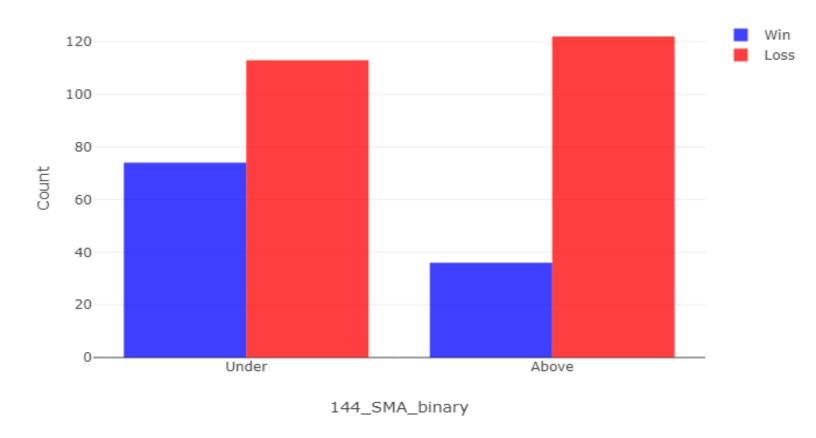
Permutation Importance Scores (All Trades)

Binary Indicator Distribution for 1000_SMA_binary (LE)



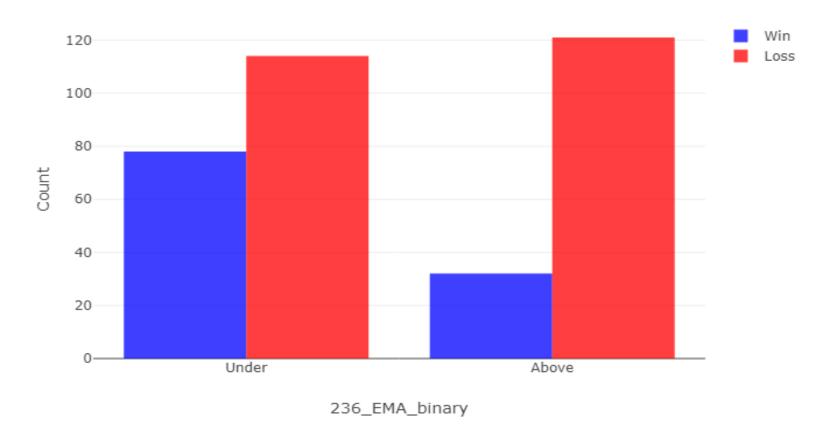
KDE Plot with Optimal Win Ranges for Win (LE)

Binary Indicator Distribution for 144_SMA_binary (LE)



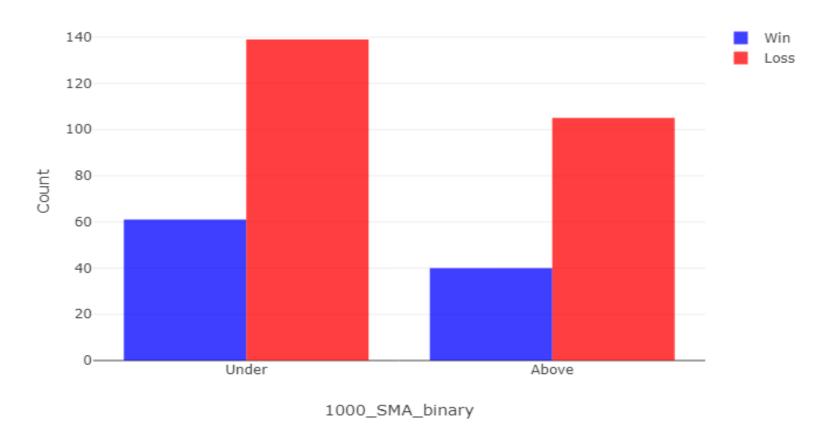
KDE Plot with Optimal Win Ranges for Win (LE)

Binary Indicator Distribution for 236_EMA_binary (LE)



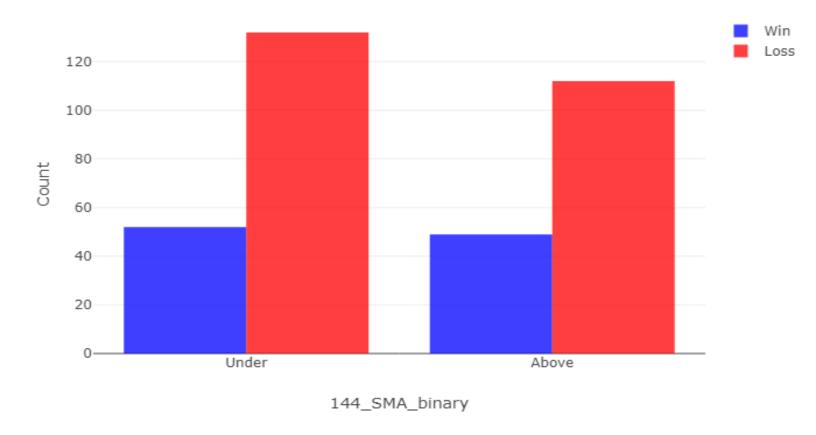
KDE Plot with Optimal Win Ranges for Win (LE)

Binary Indicator Distribution for 1000_SMA_binary (SE)



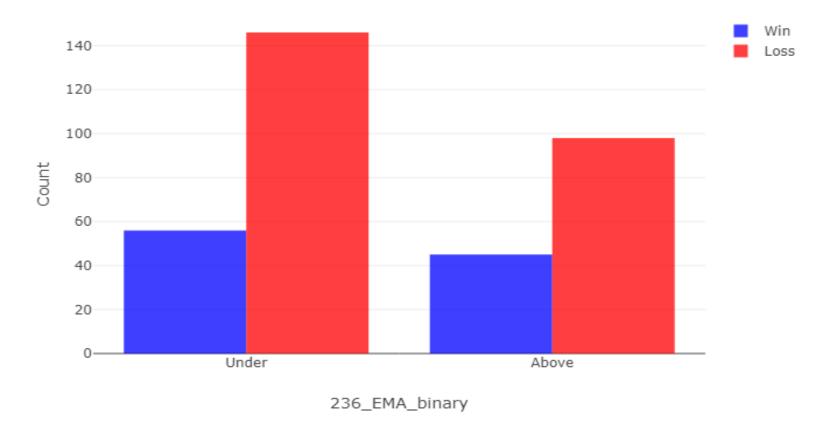
KDE Plot with Optimal Win Ranges for Win (SE)

Binary Indicator Distribution for 144_SMA_binary (SE)



KDE Plot with Optimal Win Ranges for Win (SE)

Binary Indicator Distribution for 236_EMA_binary (SE)



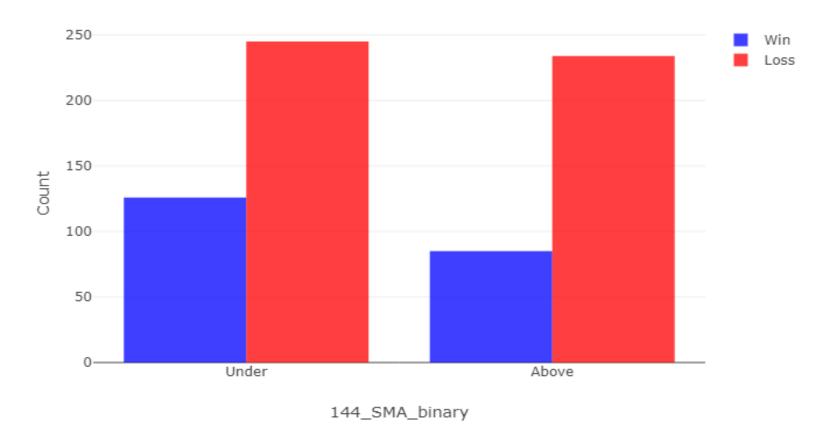
KDE Plot with Optimal Win Ranges for Win (SE)

Binary Indicator Distribution for 1000_SMA_binary ()



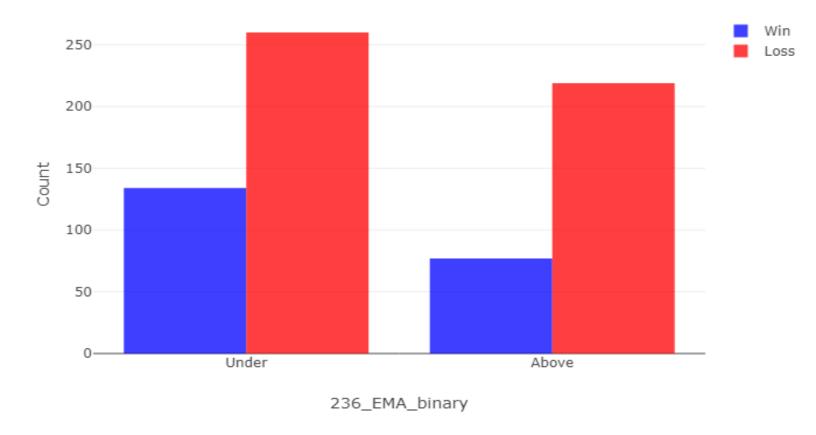
KDE Plot with Optimal Win Ranges for Win (Both)

Binary Indicator Distribution for 144_SMA_binary ()



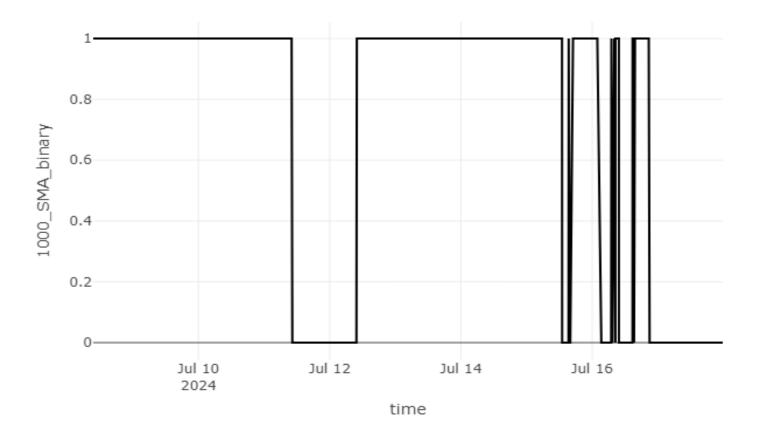
KDE Plot with Optimal Win Ranges for Win (Both)

Binary Indicator Distribution for 236_EMA_binary ()



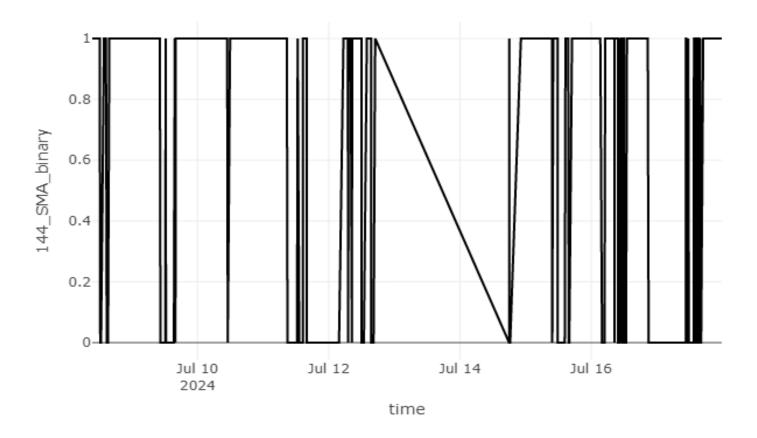
KDE Plot with Optimal Win Ranges for Win (Both)

1000_SMA_binary Over Time



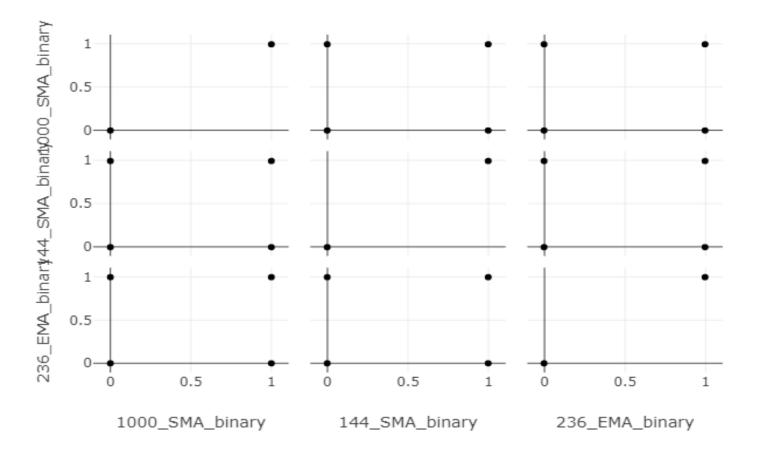
1000_SMA_binary Over Time

144_SMA_binary Over Time



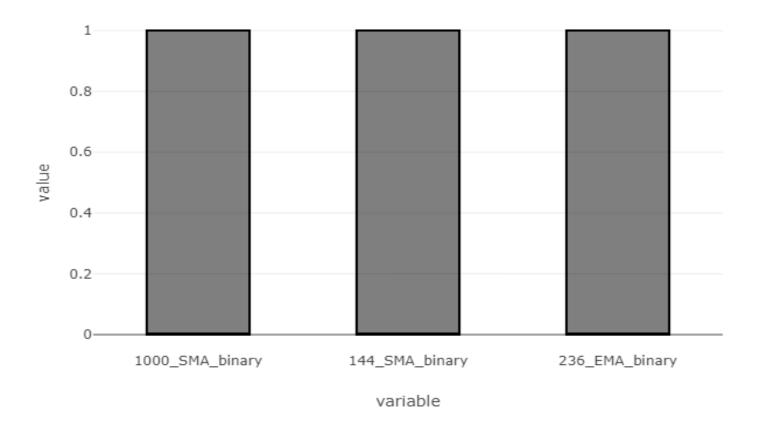
144_SMA_binary Over Time

Pairplot of Selected Indicators



Pairplot of Selected Indicators

Boxplot of Selected Indicators



Boxplot of Selected Indicators

count	mean	4 d	min	25%	50%	75%	max
0.00	0.427536231884058	0.49508001961918136	αο	αo	αο	10	10
0.00	0.4623188405797101	0.4989397901133017	0.0	0.0	0.0	10	10
690.0	0.4289855072463768	0.49529028572508066	0.0	0.0	0.0	10	10

Correlation
-0.039485013069557255
-0.07917288287816543
-0.08589986085119308

feature	F-value	p-value	
236_EMA_binary	5.114342471960255	0.024040231033289793	
144_SMA_binary	4.339825146590699	0.03759939168840702	
1000_SMA_binary	1.074312509269762	0.30033753427528226	

feature	MI
1000_SMA_binary	0.013768711247576837
144_SMA_binary	0.013041977192116638
236_EMA_binary	0.0

feature	Importance
1000_SMA_binary	0.0
144_SMA_binary	0.0
236_EMA_binary	0.0

feature	trade_type	optimal_win_range_start	optimal_win_range_end
1000_SMA_binary	LE	0	1
144_SMA_binary	LE	0	1
236_EMA_binary	LE	0	1

feature	trade_type	optimal_win_range_start	optimal_win_range_end
1000_SMA_binary	SE	0	1
144_SMA_binary	SE	0	1
236_EMA_binary	SE	0	1

feature	trade_type	optimal_win_range_start	optimal_win_range_end	
1000_SMA_binary		0	1	
144_SMA_binary		0	1	
236_EMA_binary		0	1	

The feature '1000_SMA_binary' has a low correlation score of -0.04 for all trades, indicating a weaker relation score of -0.04 for all trades, indicating a weaker relation score. However, do not discard it of combination with other indicators.	ationship with the target variable. utright; it may still provide value in

The feature '144_SMA_binary' has a low correlatio '144_SMA_binary' might not be very influential in de	on score of -0.08 for all trades, ir etermining all outcomes. Howev combination with other indicat	ndicating a weaker relationship w ver, do not discard it outright; it r tors.	rith the target variable. nay still provide value in

The feature '236_EMA_binary' has a low correlatio '236_EMA_binary' might not be very influential in de	on score of -0.09 for all trades, indicati letermining all outcomes. However, do combination with other indicators.	ng a weaker relationship with the target variable. not discard it outright; it may still provide value in

The feature '236_EMA_binary' has means changes in '236_EMA_binary'	a high ANOVA F-Test score o ' are strongly associated witl	of 5.11 for all trades, indicat h all outcomes. Consider us thresholds.	ing a strong influence on the ing this feature for developir	target variable. This ig strategies or setting

The feature '144_SMA_binary' has a high ANO means changes in '144_SMA_binary' are strongl	VA F-Test score of 4.34 for all trades ly associated with all outcomes. Con thresholds.	s, indicating a strong influence on tl nsider using this feature for develop	ne target variable. This ping strategies or setting

The feature '1000_SMA_binary' has a high ANOVA F-Test means changes in '1000_SMA_binary' are strongly associa	score of 1.07 for all trades, indi Ited with all outcomes. Consider thresholds.	icating a strong influence on the r using this feature for developir	target variable. This ng strategies or setting

The feature '1000_SMA_binary' has a low Mut variable. '1000_SMA_binary' might not be very ir	tual Information score of 0.01 for all tra nfluential in determining all outcomes value in combination with other indic	ades, indicating a weaker relationship with the target . However, do not discard it outright; it may still provide cators.

The feature '144_SMA_binary' has a low Mutual Information score of 0.01 for all trades, indicating a weaker relationship with the target variable. '144_SMA_binary' might not be very influential in determining all outcomes. However, do not discard it outright; it may still provivable in combination with other indicators.	ide

The feature '236_EMA_binary' has a low Mutu variable. '236_EMA_binary' might not be very in	al Information score of 0.00 fluential in determining all ou value in combination with o	for all trades, indicating a we itcomes. However, do not dis ther indicators.	aker relationship with the targe card it outright; it may still prov	t ⁄ide

The feature '1000_SMA_binary' has a low Permut variable. '1000_SMA_binary' might not be very in	ration Importance score of 0.00 fluential in determining all outo value in combination with othe	for all trades, indicating a weake comes. However, do not discard it er indicators.	r relationship with the target outright; it may still provide

The feature '144_SMA_binary' has a low Permutation variable. '144_SMA_binary' might not be very influen value.	n Importance score of 0.00 for all ntial in determining all outcomes. ue in combination with other indic	trades, indicating a weaker relation However, do not discard it outrigl cators.	onship with the target nt; it may still provide

The feature '236_EMA_binary' has a low Permutation Importance score of 0.00 for all trades, indicating a weaker relationship with the targe variable. '236_EMA_binary' might not be very influential in determining all outcomes. However, do not discard it outright; it may still provide value in combination with other indicators.