
1
0
−1
−2
−3
−4
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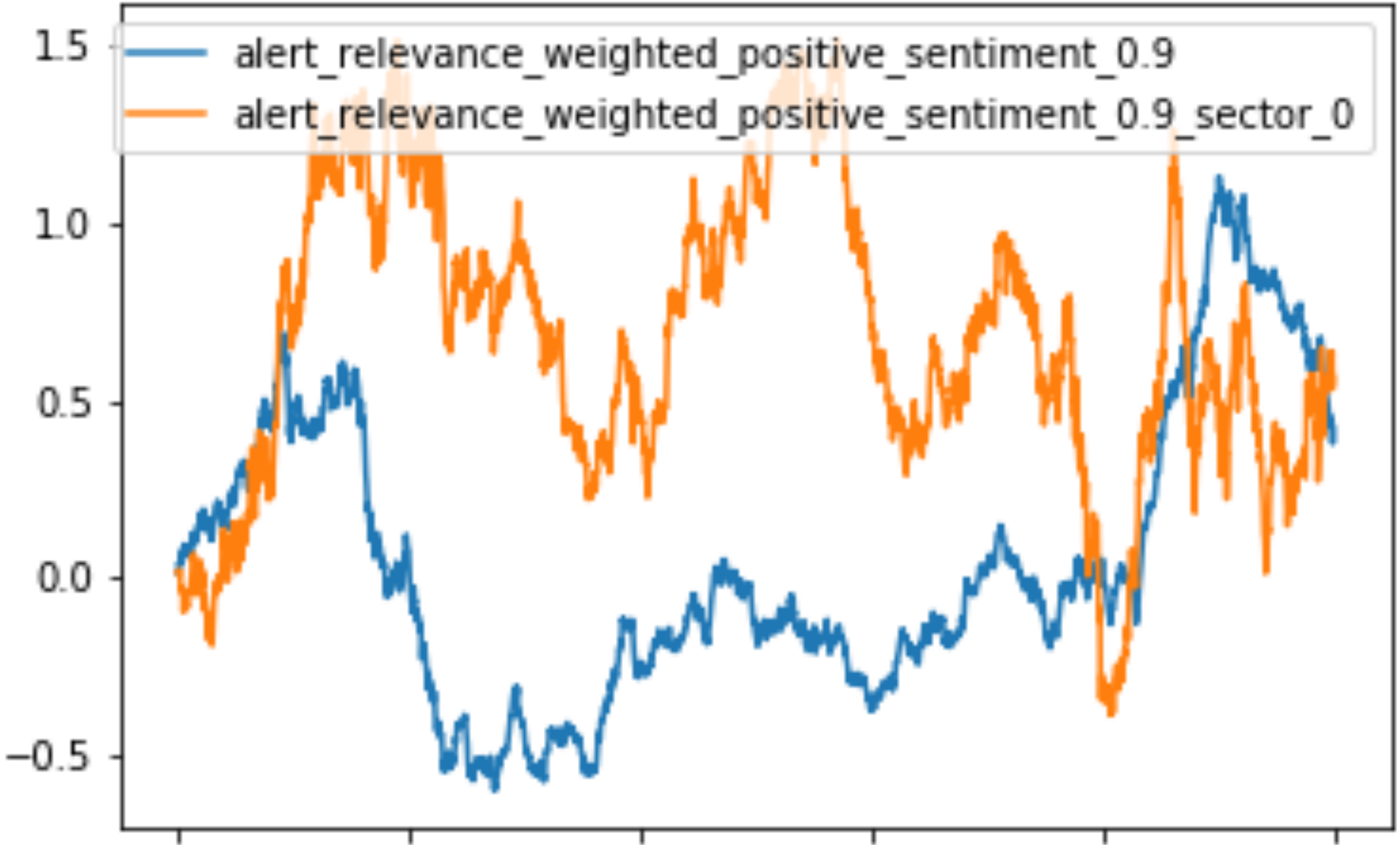
alert_relevance_weighted_positive_sentiment_0.9_sector_1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0.5
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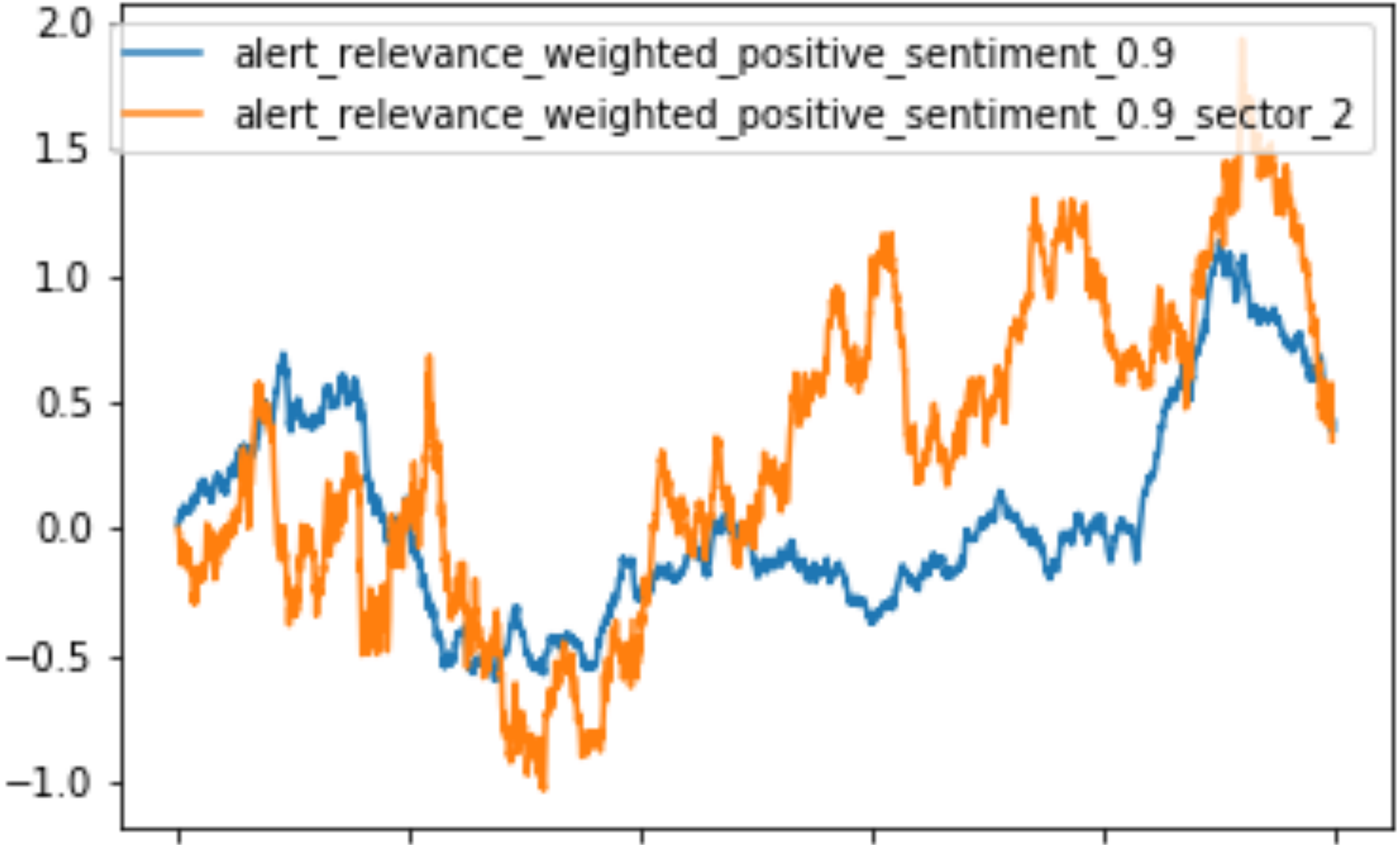
−0.5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1.5
1.0
0.5
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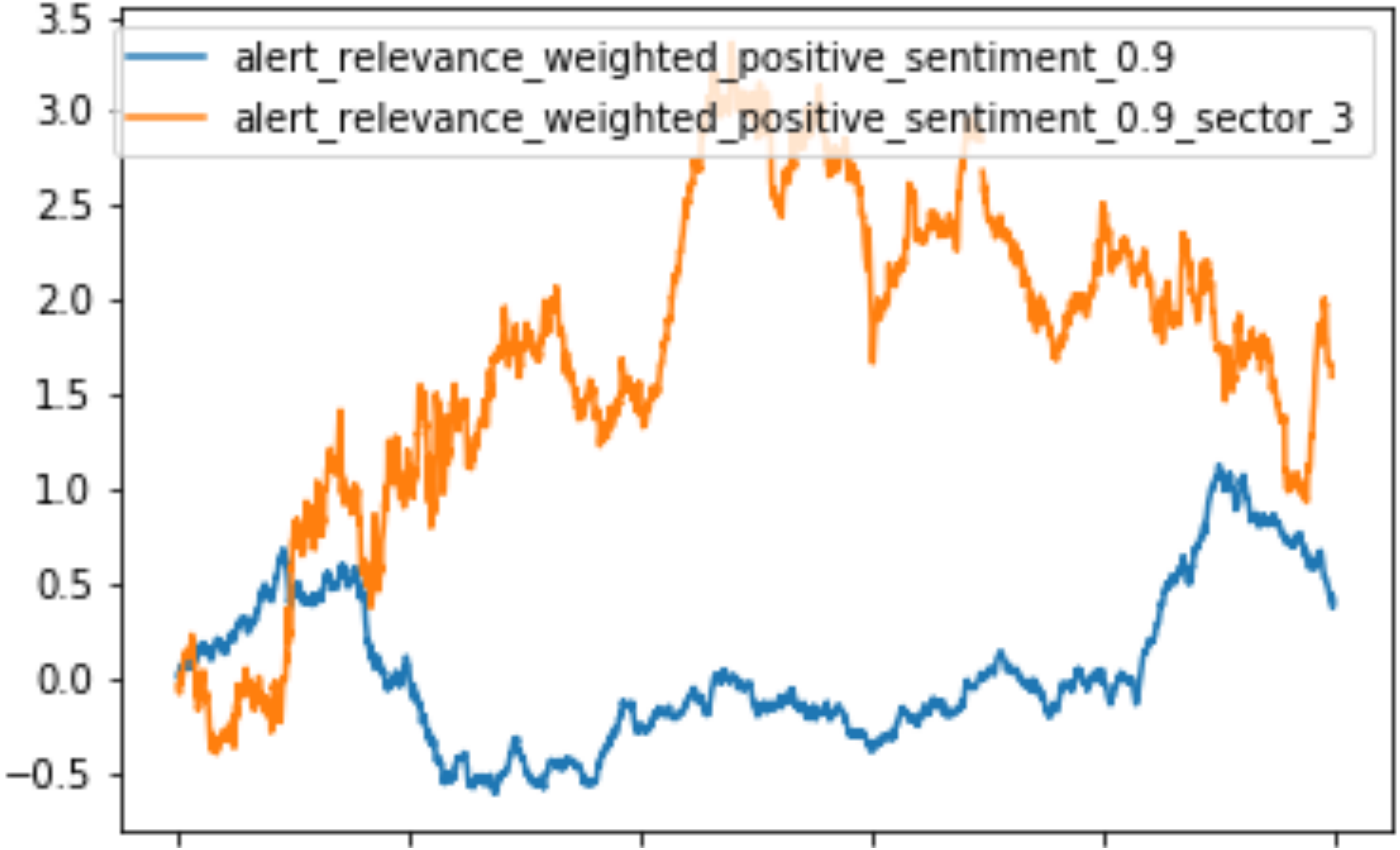
−0.5
−1.0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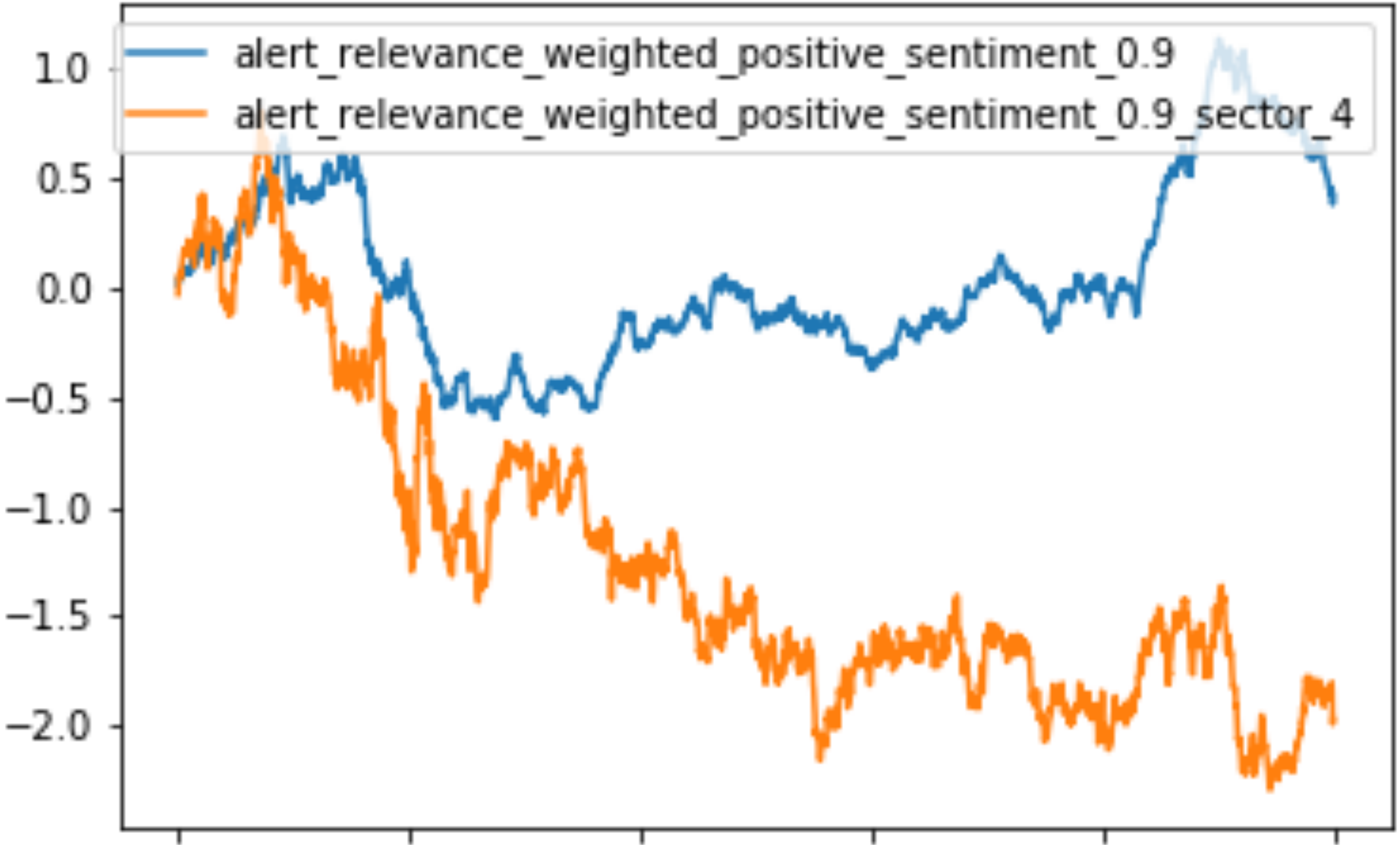
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5



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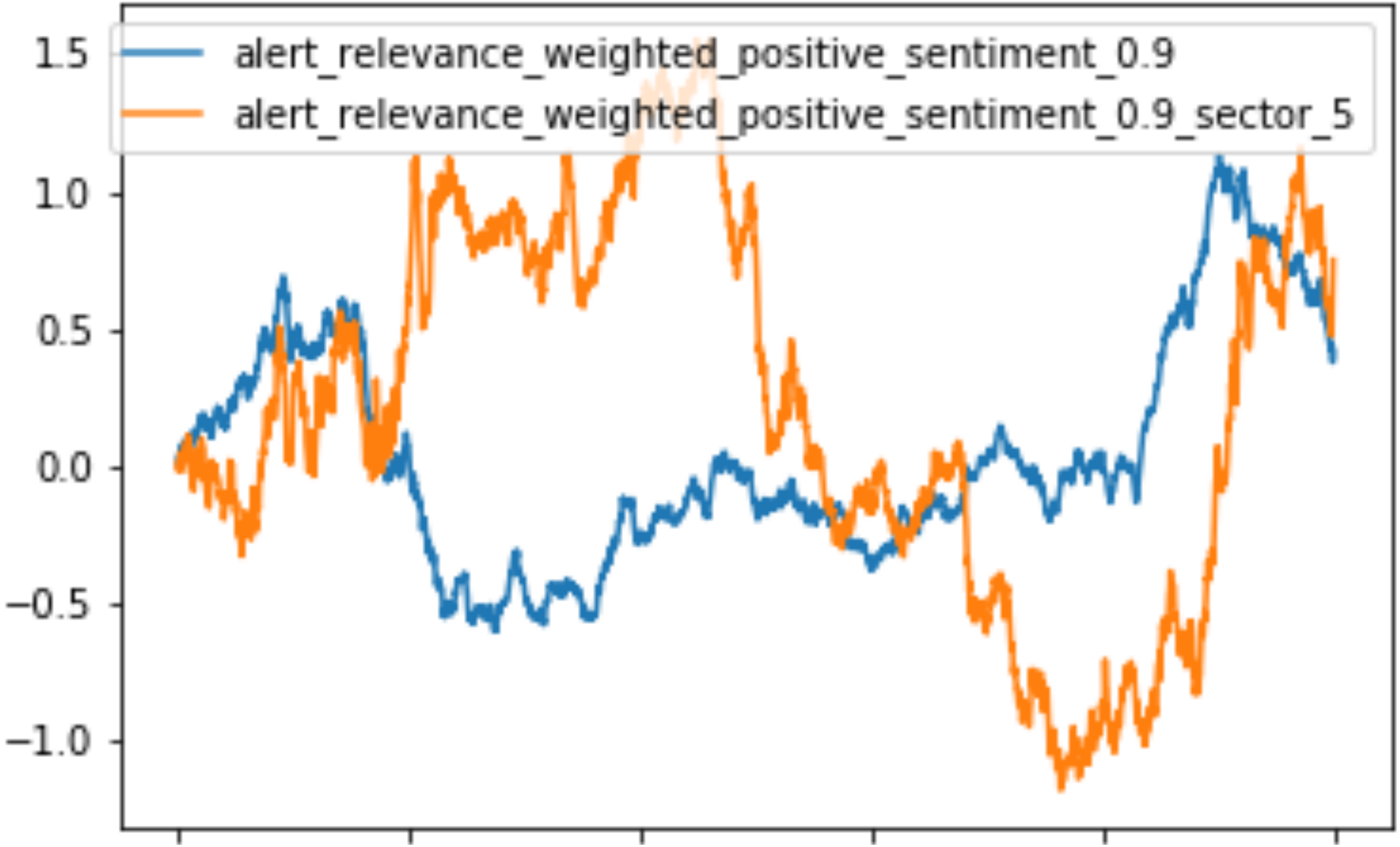
0.5
0.0
−0.5
−1.0
−1.5
−2.0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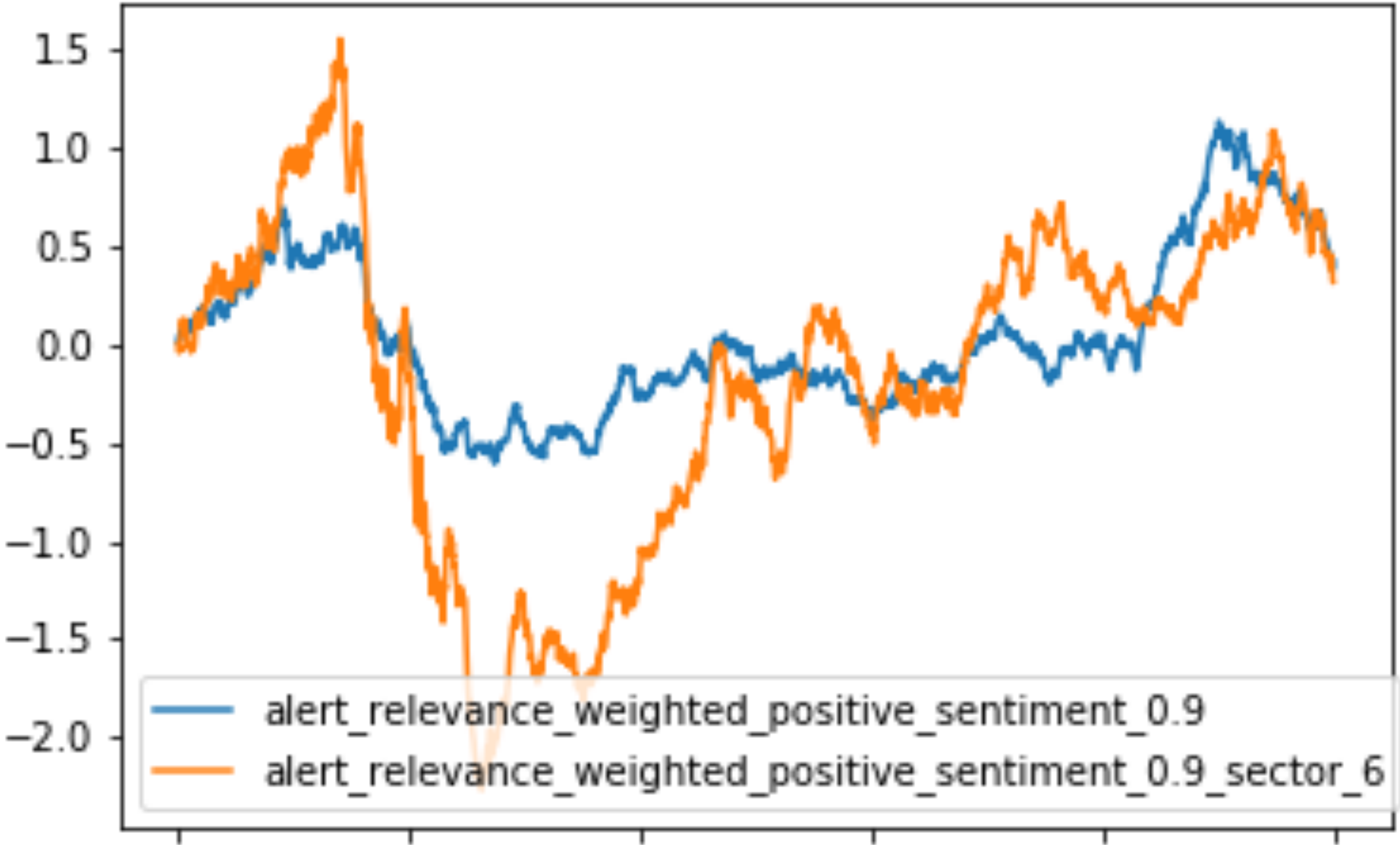
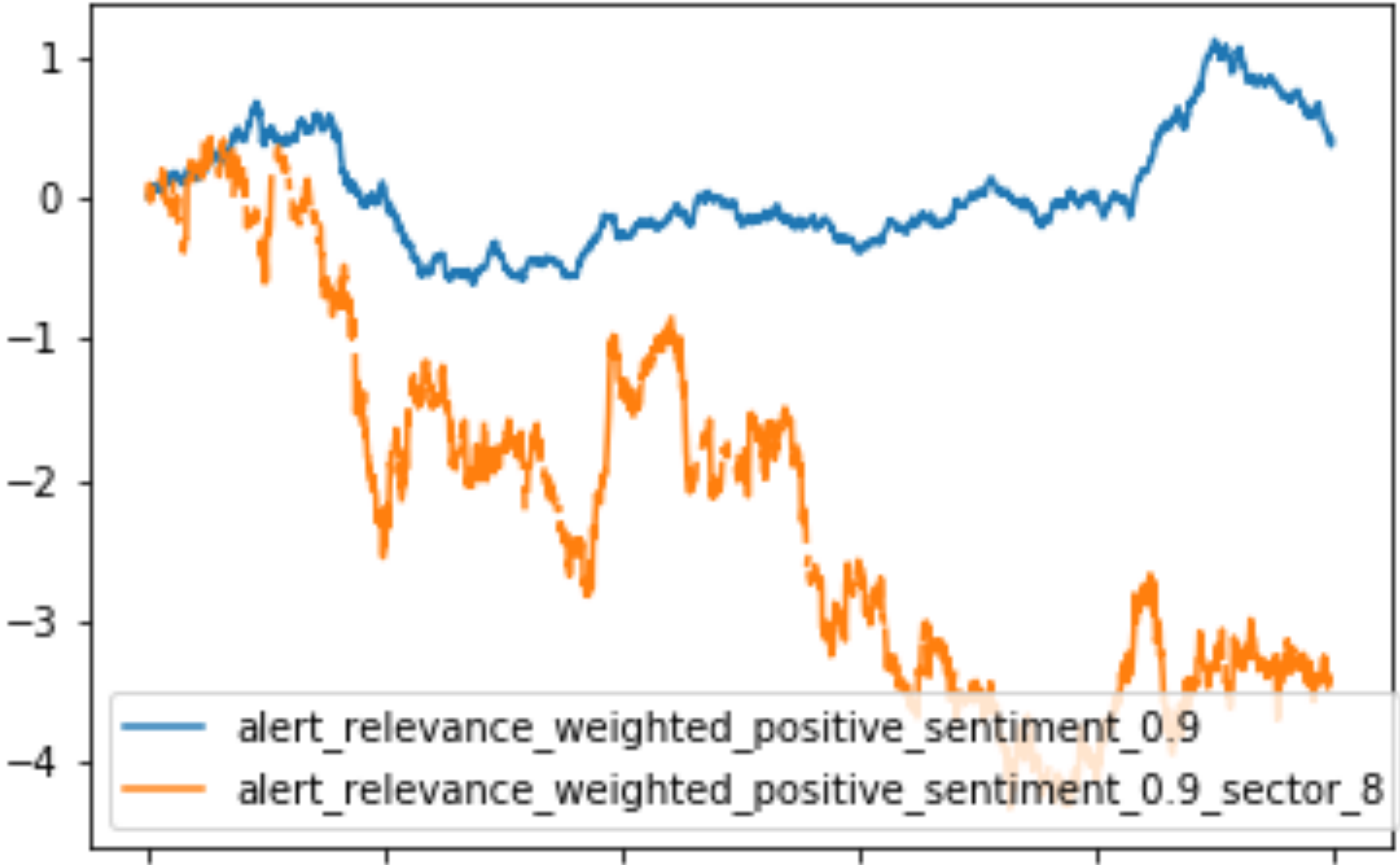
1.5
1.0
0.5
0.0
−0.5
−1.0



1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_6


alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_7
2
1
0
−1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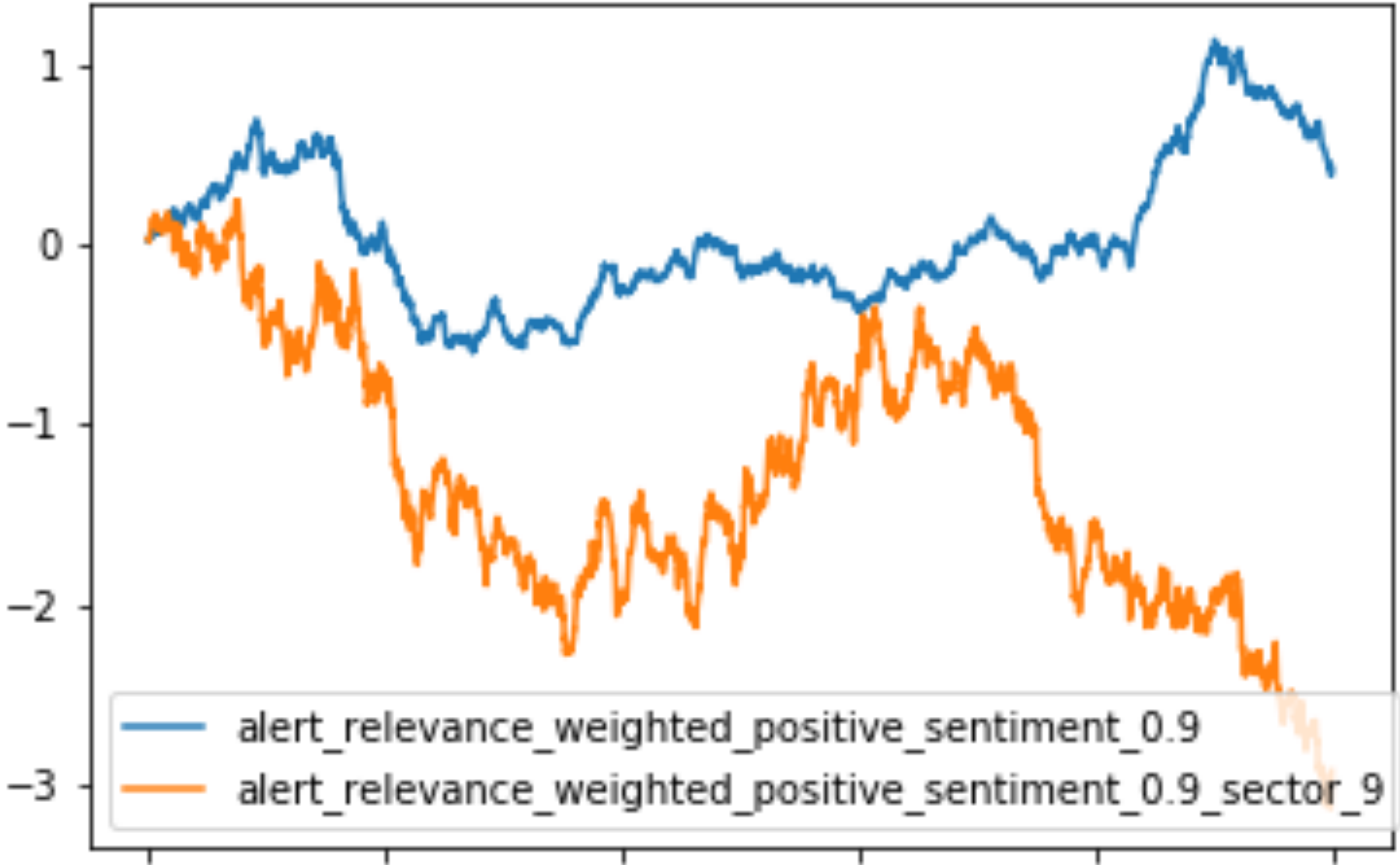
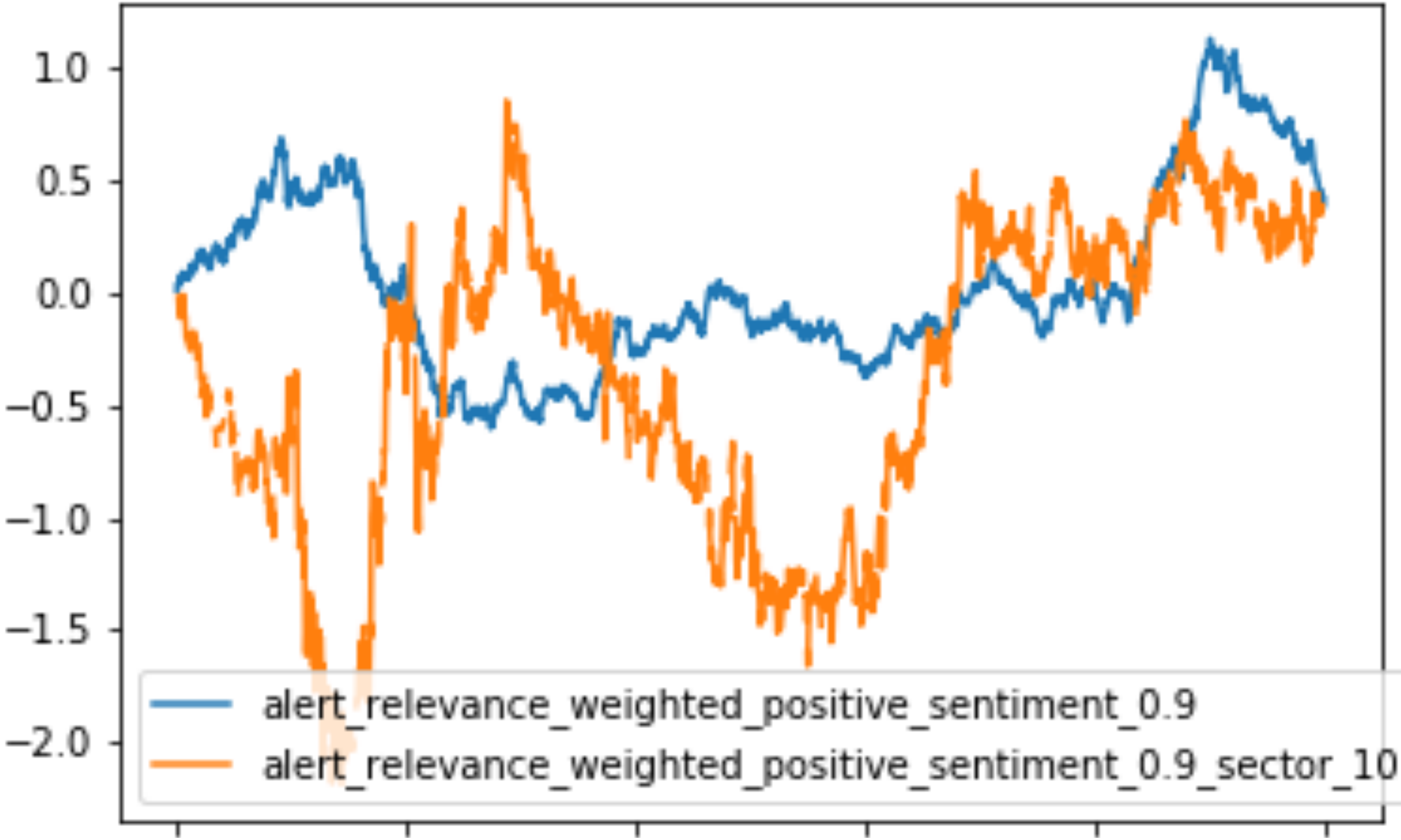
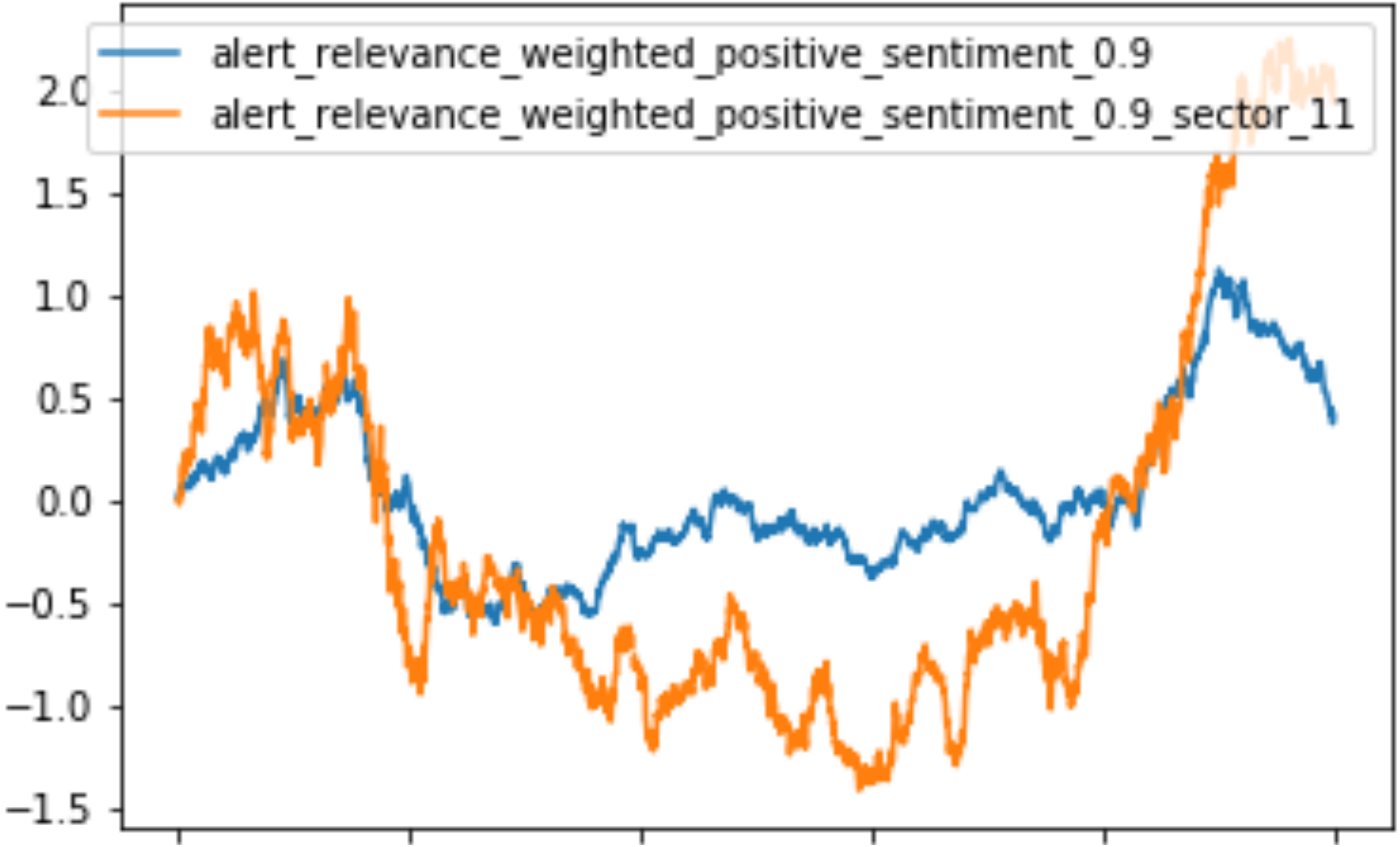
0
−1
−2
−3
−4
alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_8



1
0
−1
−2
−3
alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_9


1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_10


alert_relevance_weighted_positive_sentiment_0.9
alert_relevance_weighted_positive_sentiment_0.9_sector_11
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5

Sector-wise Single Factor Evaluations

We evaluate sector-wise single factor by plotting their cumulative return side-by-side. The number of tradable assets is reduce by magnitude of 12 on average (i.e. 12 sectors in total). Therefore, the variance for sector sharpe increases significantly. There are cases where sector sharpe exceeds general sharpe, but it still experience more volatile movements.

There are only three sector that outperformed general sharpe (please use slideshow above to find their return plot)

*** sector: 3

*** Overall Sharpe ratio: 0.011336875860654023

*** Sector Sharpe ratio: 0.013375711708531276

*** sector: 7

*** Overall Sharpe ratio: 0.011336875860654023

*** Sector Sharpe ratio: 0.019629573469546205

*** sector: 11

*** Overall Sharpe ratio: 0.011336875860654023

*** Sector Sharpe ratio: 0.020932714523833867