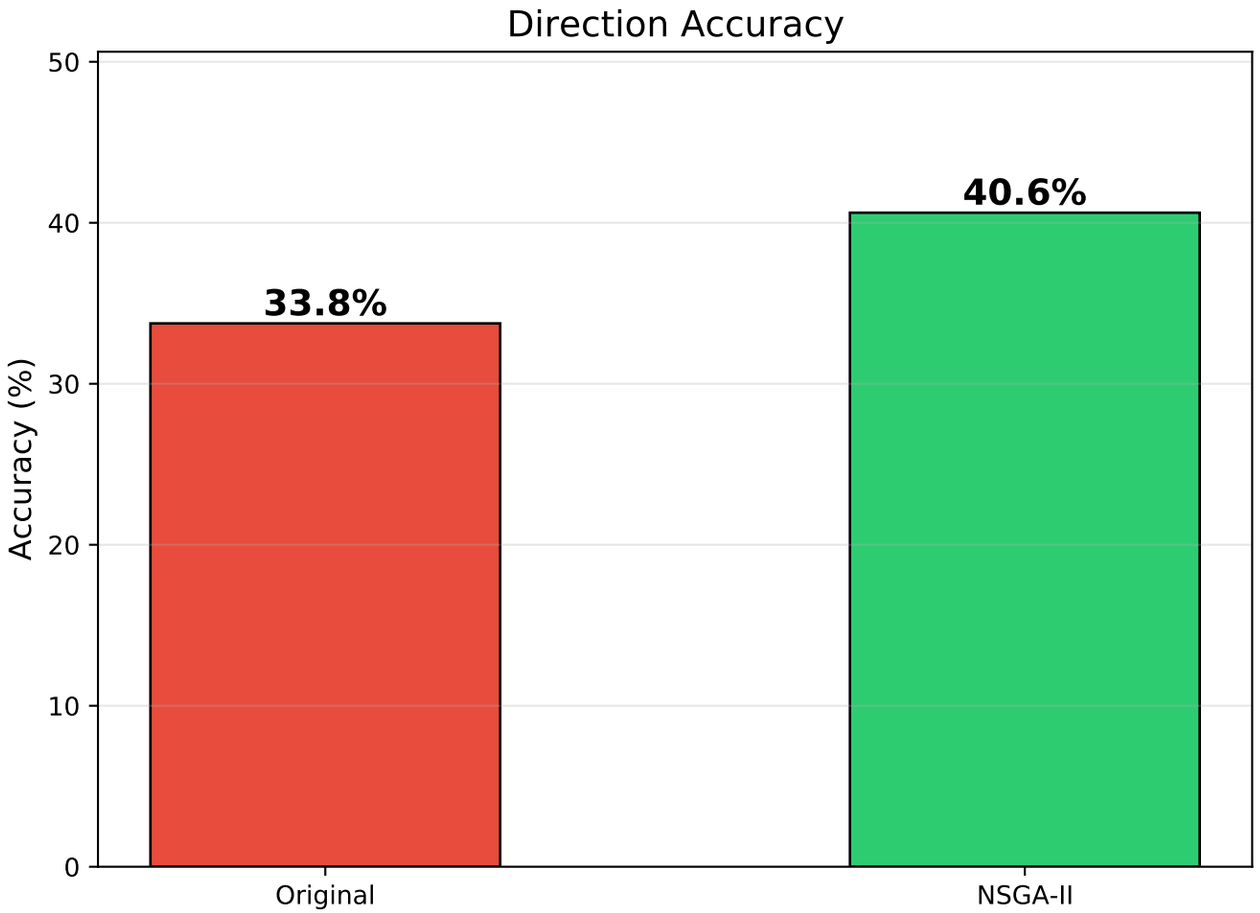
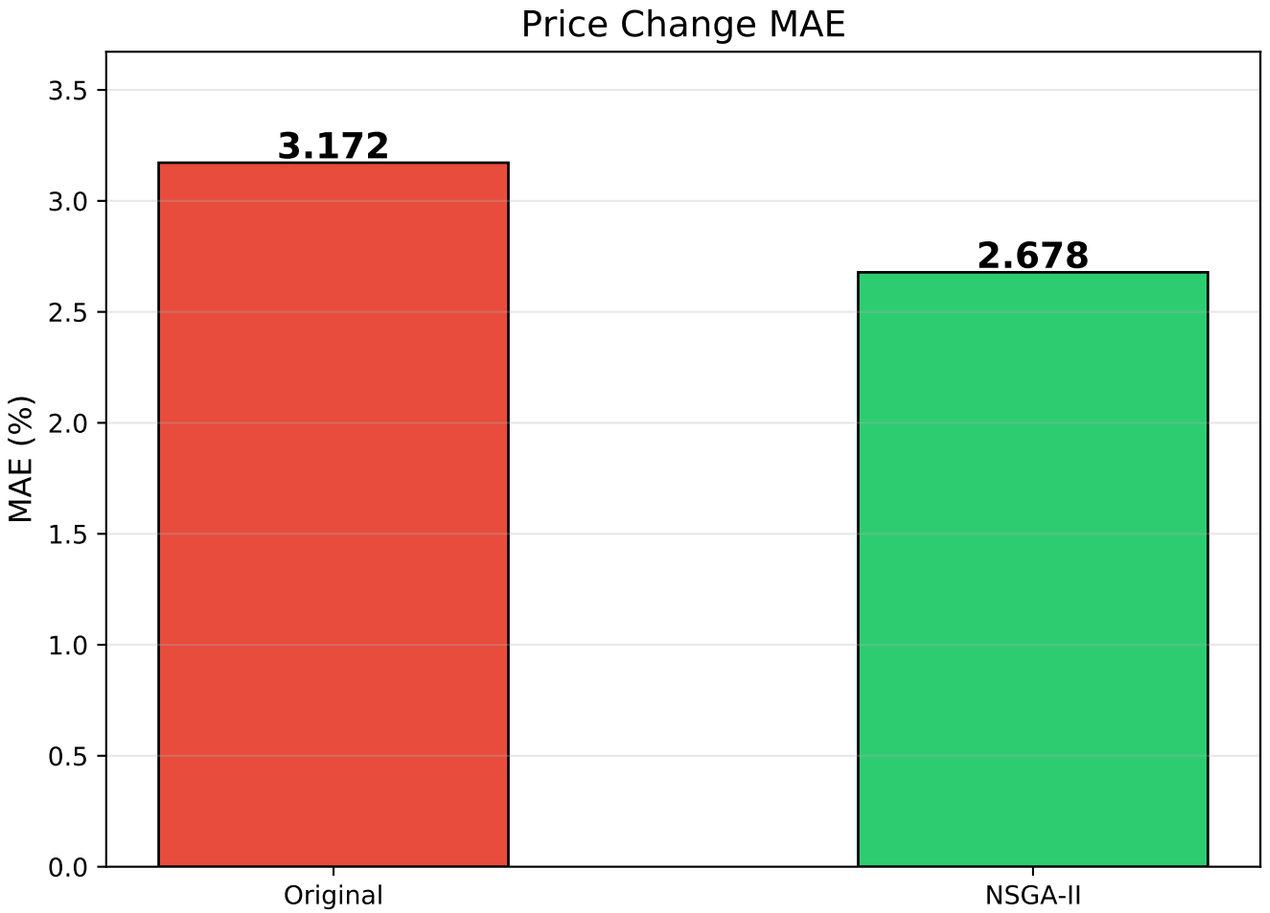
NSGA-II Optimization: Before vs After

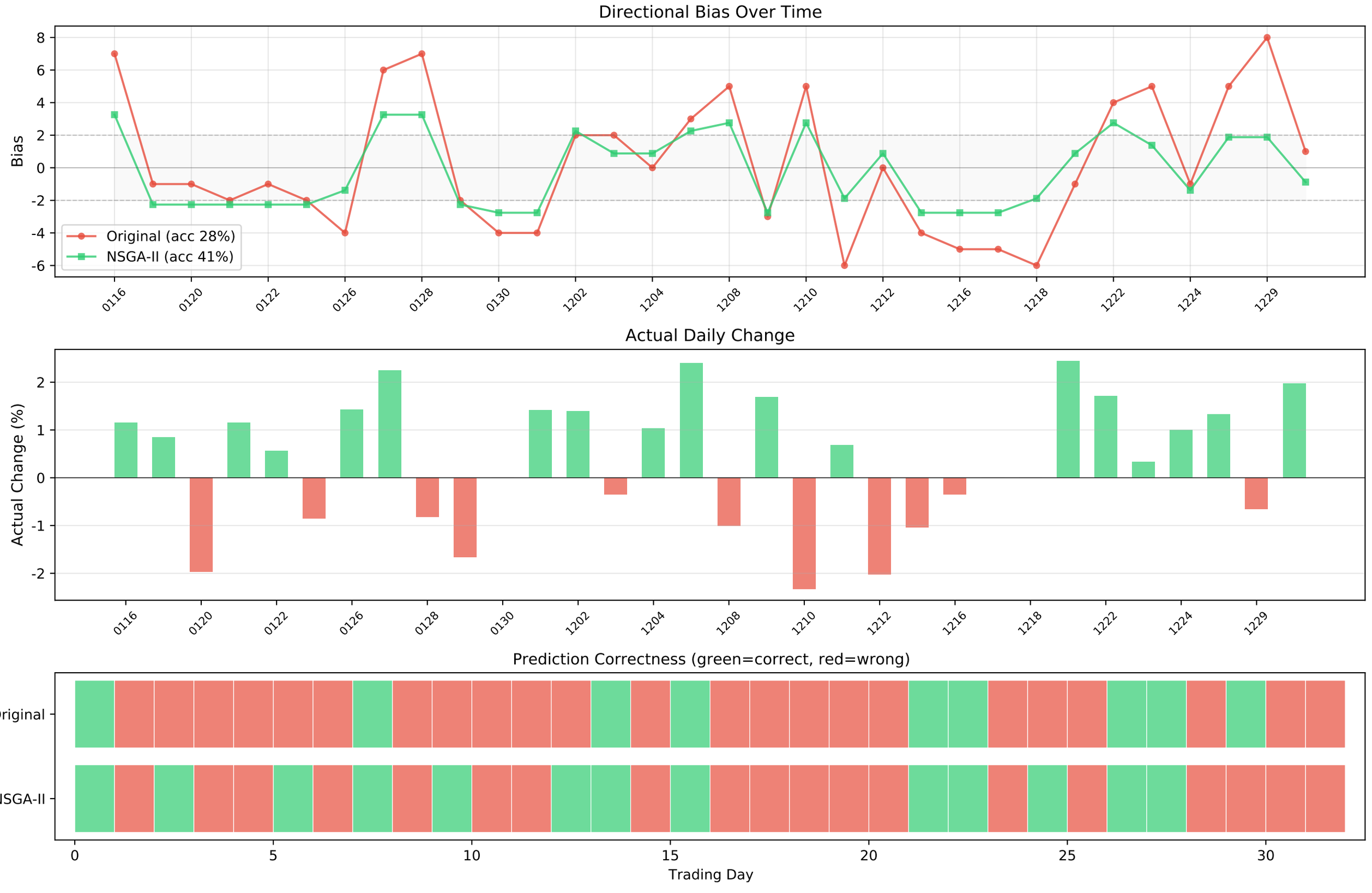




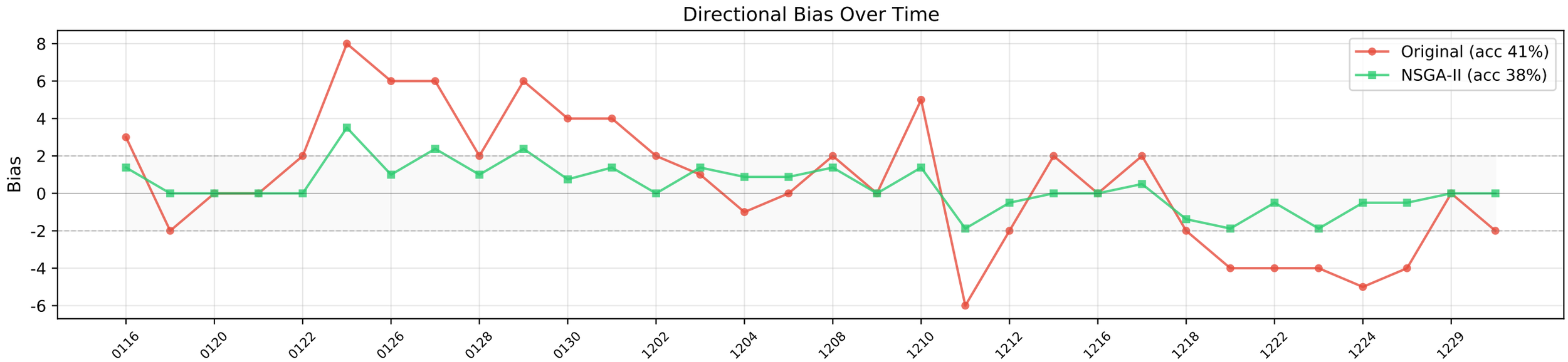
Weight Parameters Comparison

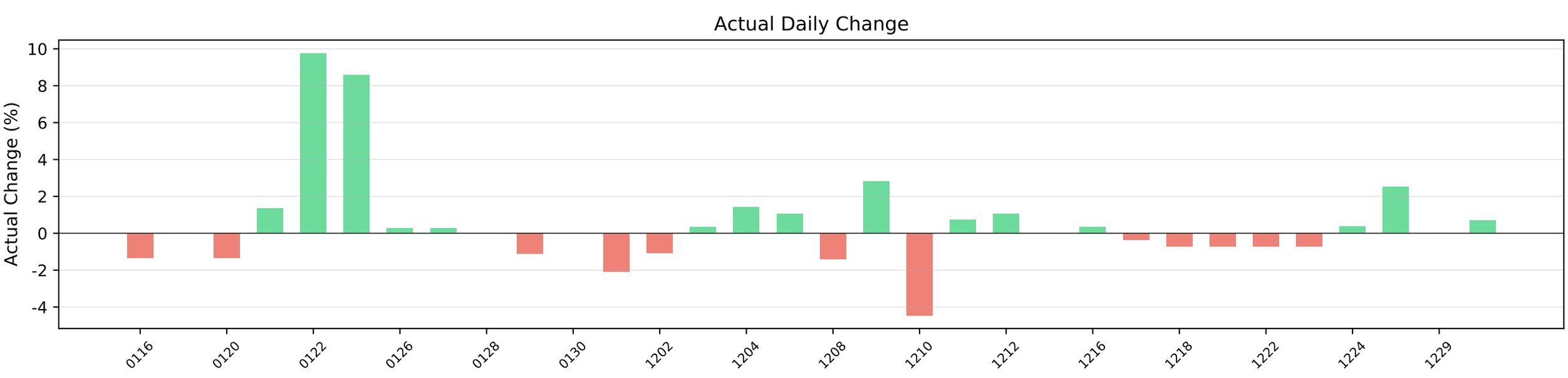
Parameter	Original	NSGA-II	Change
foreign_large	3000	4903	+1903.00
foreign_medium	1000	1359	+359.00
foreign_weight	4	2.76	-1.24
momentum_weight	2	0.5	-1.50
ema_weight	2	0.5	-1.50
momentum_threshold	3	7.05	+4.05

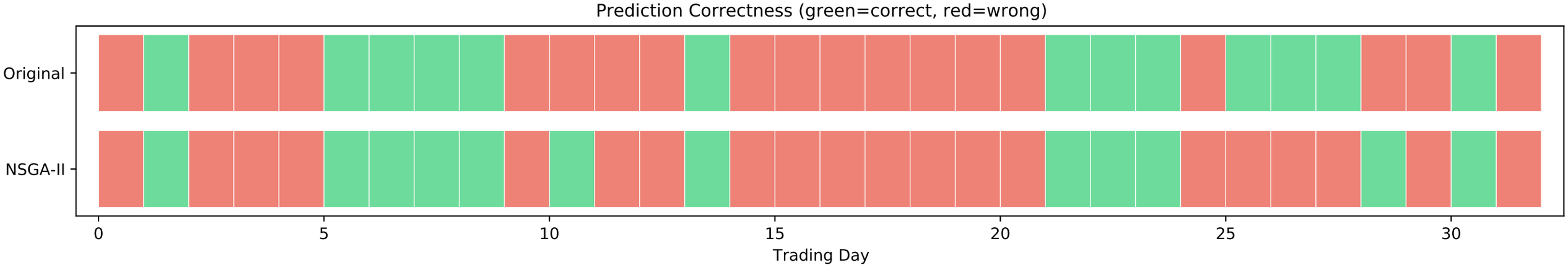
TSMC (2330) — Original vs NSGA-II



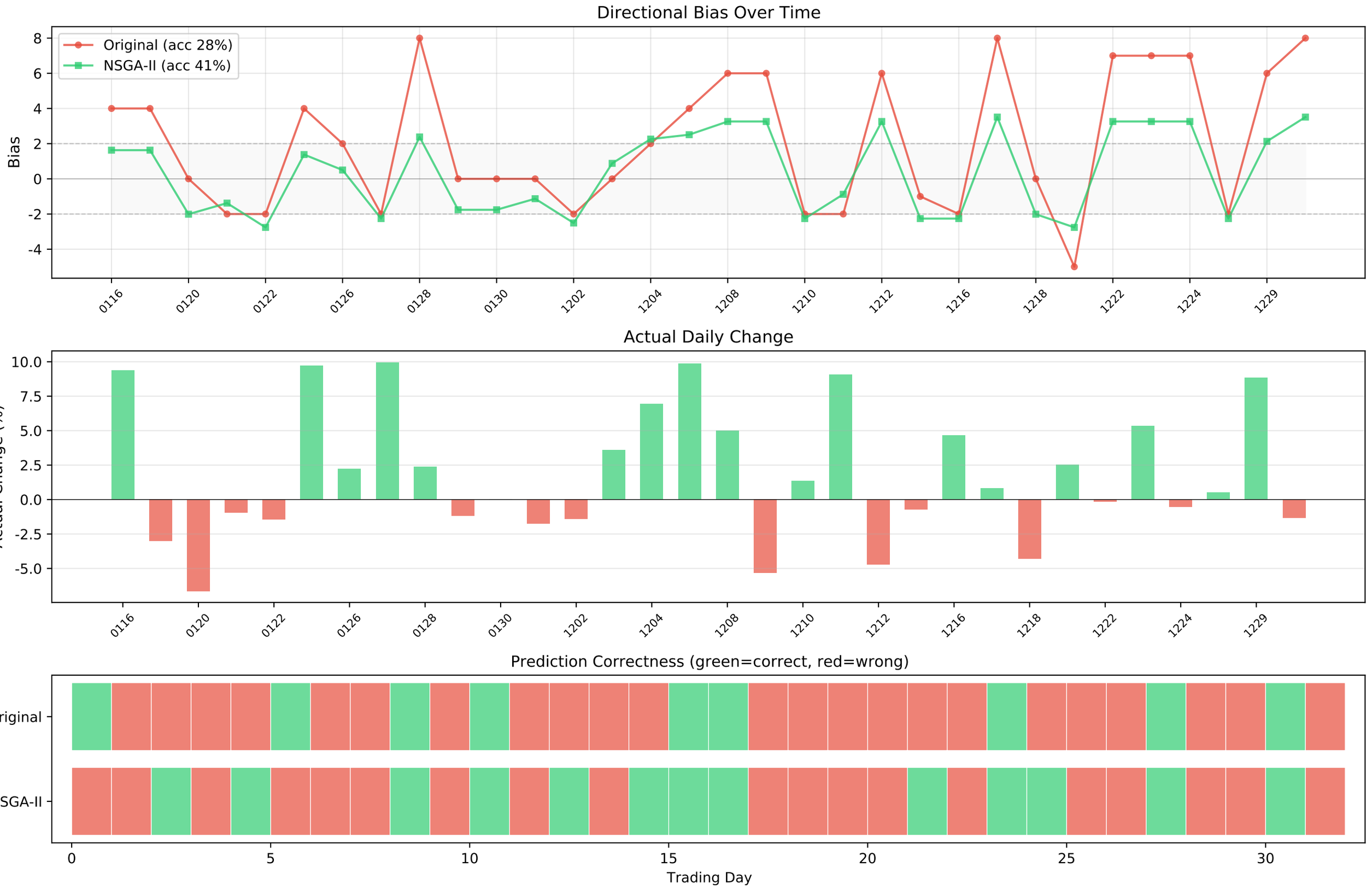
MediaTek (2454) — Original vs NSGA-II



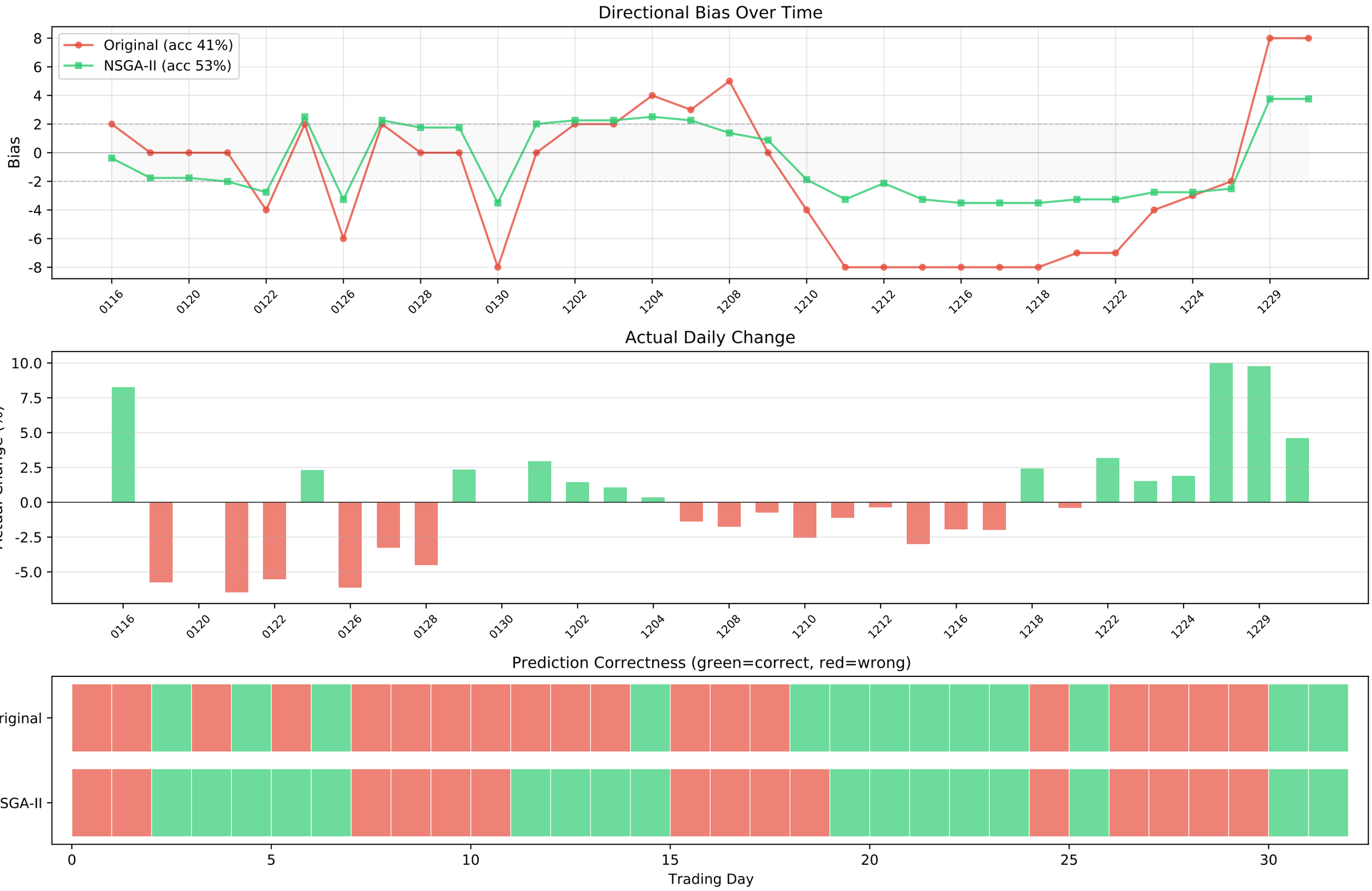




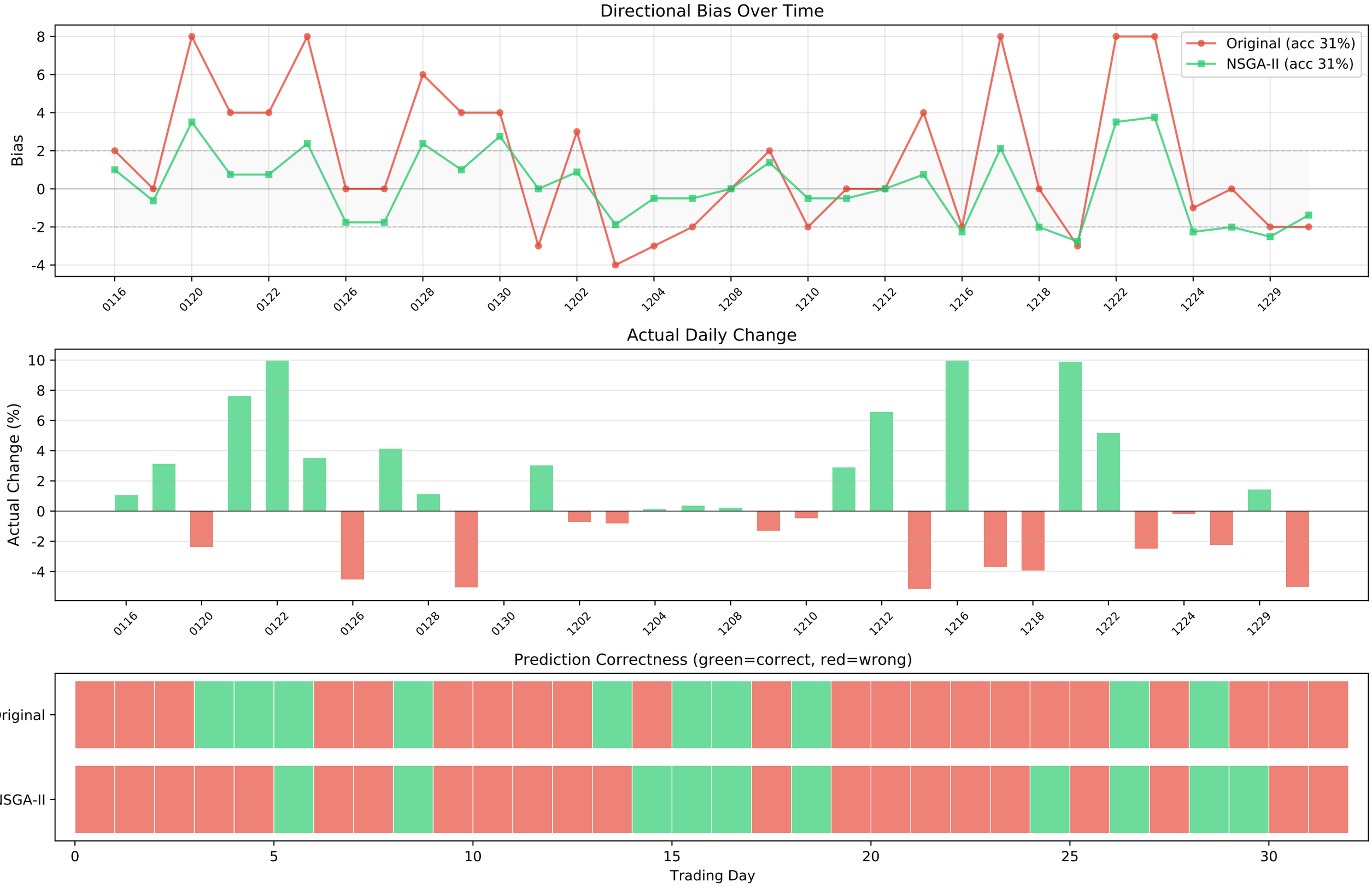
Winbond (2344) — Original vs NSGA-II

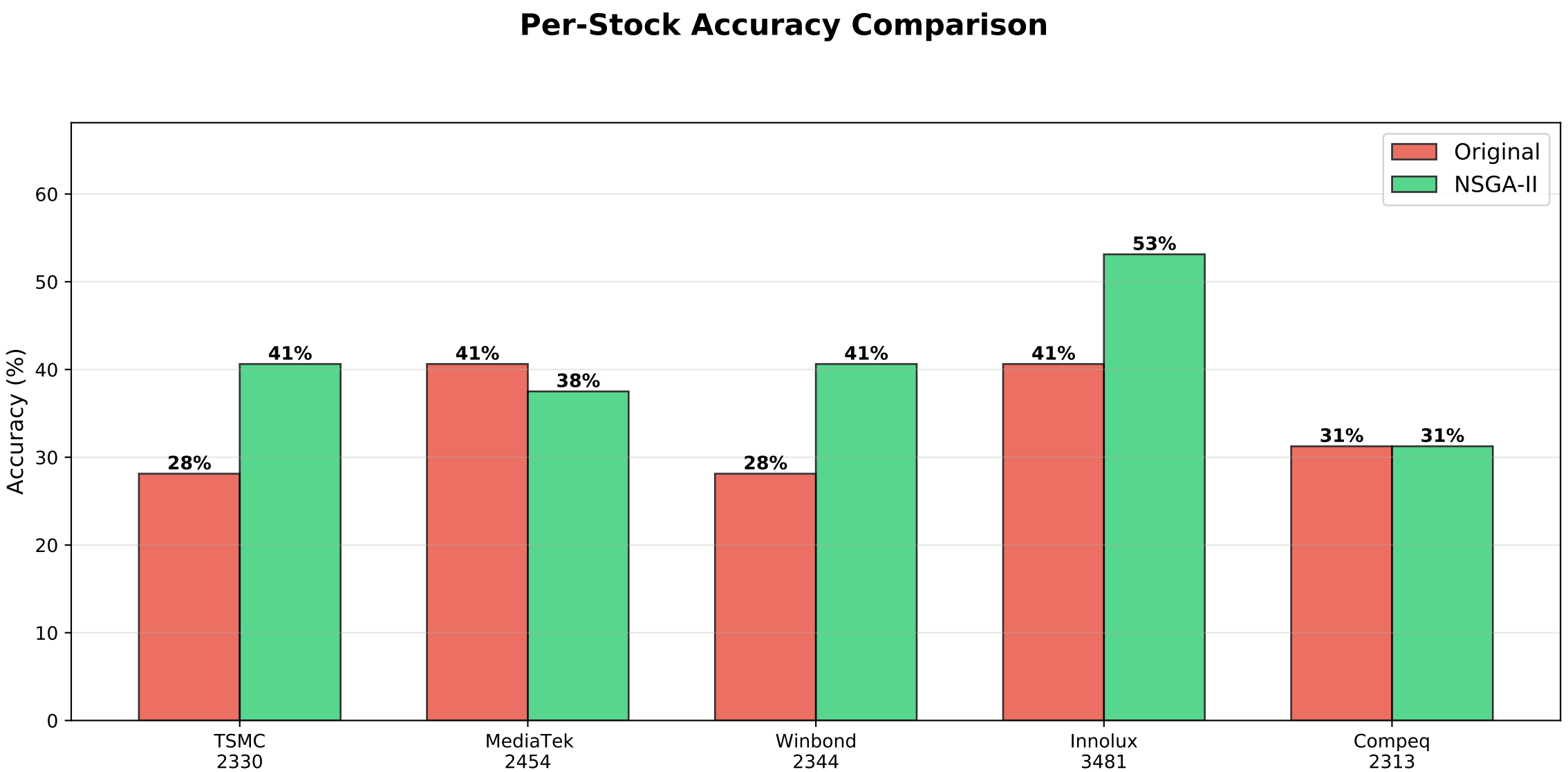


Innolux (3481) — Original vs NSGA-II



Compeq (2313) — Original vs NSGA-II




Per-Stock Accuracy Comparison
Original
NSGA-II
Accuracy (%)
0
10
20
30
40
50
60
28%
41%
41%
38%
28%
41%
41%
53%
31%
31%
TSMC
2330
MediaTek
2454
Winbond
2344
Innolux
3481
Compeq
2313