factor4 因子报告

IC分析

1D

	total	2010	2011	2012	2013
IC_mean	-0.0082	-0.0151	0.0172	-0.0167	-0.1479
IC_std	0.3338	0.3343	0.3432	0.3251	0.2930
IC_IR	-0.0244	-0.0452	0.0501	-0.0513	-0.5049

5D
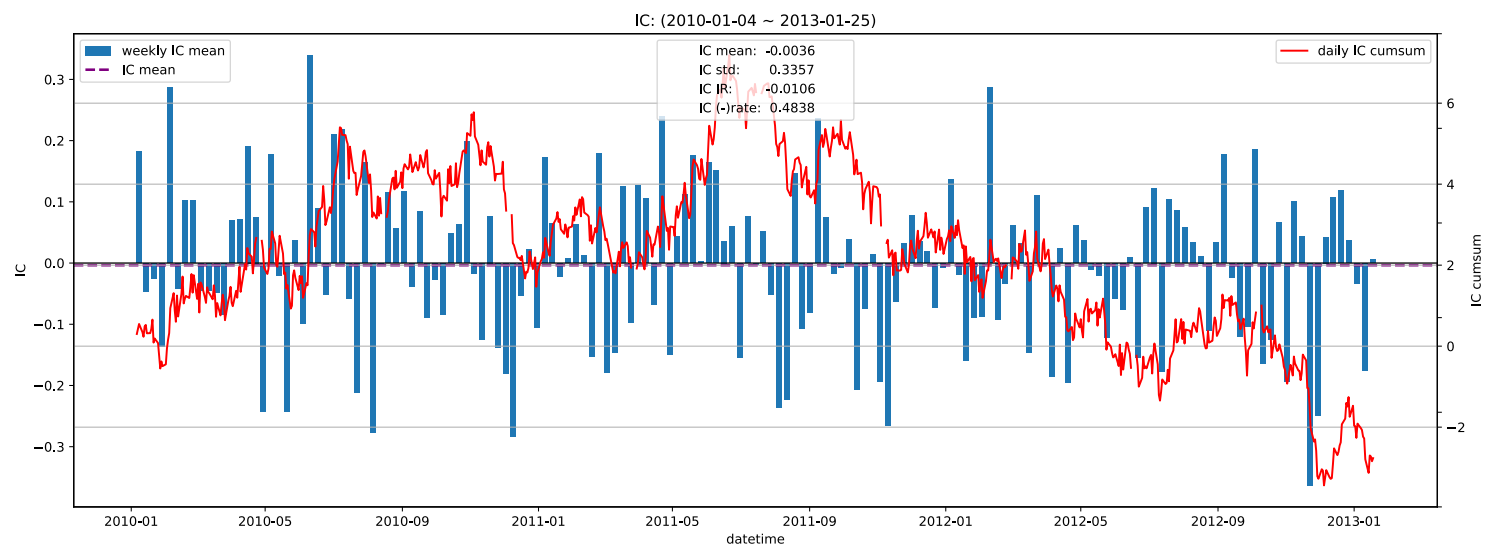
	total	2010	2011	2012	2013
IC_mean	-0.0036	0.0072	0.0018	-0.0147	-0.0924
IC_std	0.3357	0.3497	0.3276	0.3335	0.2717
IC_IR	-0.0106	0.0206	0.0056	-0.0441	-0.3402

10D

IC: (2010-01-04 ~ 2013-01-25)

IC mean: -0.0121
IC std: 0.3476
IC IR: -0.0348
IC (-)rate: 0.4863
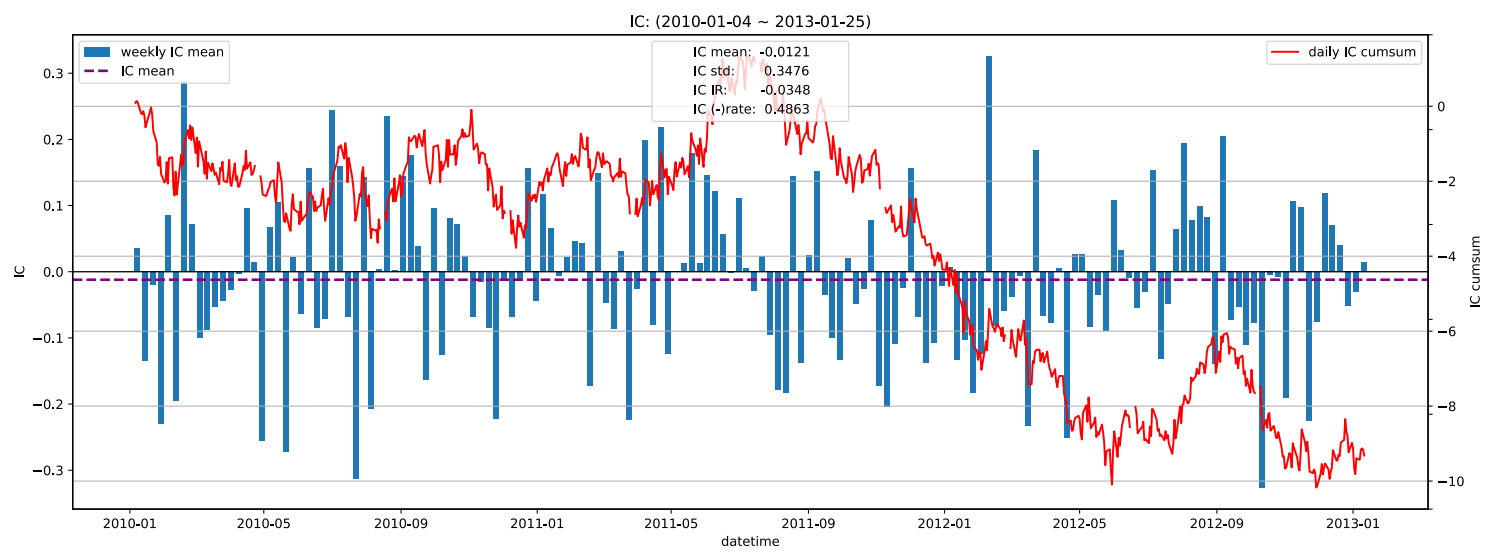
	total	2010	2011	2012	2013
IC_mean	-0.0121	-0.0101	-0.0071	-0.0181	-0.0376
IC_std	0.3476	0.3759	0.3344	0.3352	0.2739
IC_IR	-0.0348	-0.0269	-0.0212	-0.0541	-0.1371

20D

IC: (2010-01-04 ~ 2013-01-25)

IC mean: -0.0001
IC std: 0.3370
IC IR: -0.0002
IC (-)rate: 0.4763
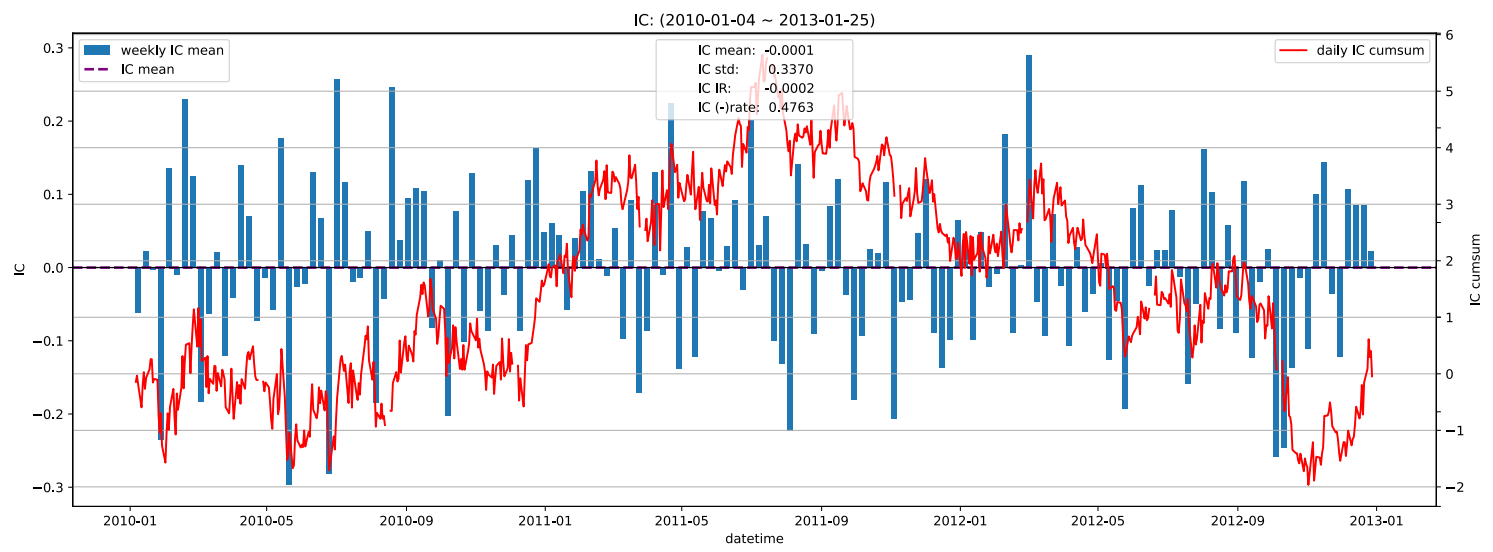
	total	2010	2011	2012	2013
IC_mean	-0.0001	0.0063	0.0029	-0.0093	nan
IC_std	0.3370	0.3718	0.3142	0.3236	nan
IC_IR	-0.0002	0.0168	0.0093	-0.0288	nan

收益分析

分层收益

1D
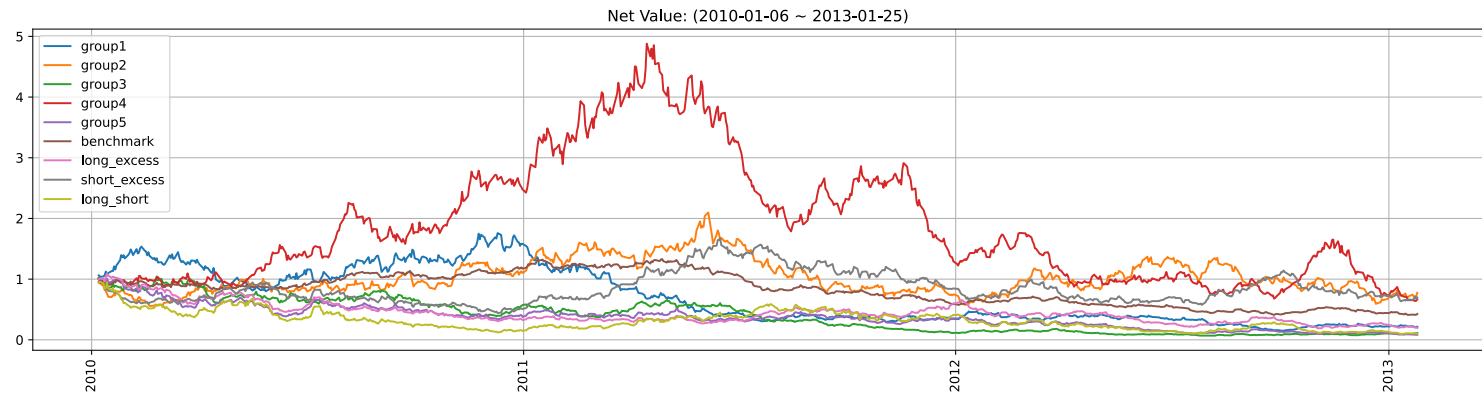
Net Value: (2010-01-06 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.5545	0.9186	-0.9434	-9.5830	0.4660	0.0328	-0.0331	0.9911	0.6392
group1(short)	-0.3928	0.9165	-0.4315	-6.8027	0.4827	0.0340	-0.0339	1.0032	0.6559
benchmark	-0.2415	0.6927	-0.7876	-5.5344	0.4737	0.0149	-0.0152	0.9826	0.2954
long_excess	-0.4117	0.8260	-0.6552	-7.9128	0.4891	0.0281	-0.0298	0.9438	0.5652
short_excess	-0.1097	0.6562	0.0874	-2.6538	0.5135	0.0287	-0.0299	0.9605	0.5769
long_short	-0.5237	0.9017	-0.3495	-9.2200	0.4917	0.0458	-0.0468	0.9788	0.9155

5D
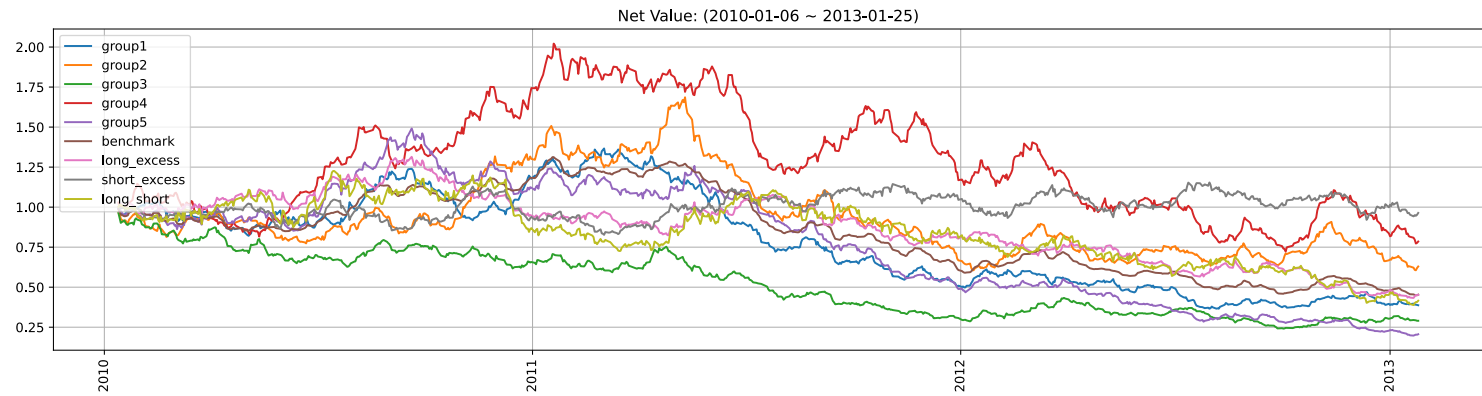
Net Value: (2010-01-06 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.4017	0.8675	-1.6498	-7.3504	0.4465	0.0143	-0.0149	0.9582	0.2863
group1(short)	-0.2655	0.7326	-0.9447	-5.7532	0.4671	0.0141	-0.0143	0.9819	0.2839
benchmark	-0.2268	0.6579	-1.8633	-5.4729	0.4606	0.0064	-0.0073	0.8760	0.1332
long_excess	-0.2273	0.6709	-0.8627	-5.3775	0.4658	0.0130	-0.0130	1.0002	0.2597
short_excess	-0.0119	0.2677	0.0790	-0.7051	0.5135	0.0125	-0.0130	0.9591	0.2525
long_short	-0.2485	0.6832	-0.5056	-5.7748	0.4942	0.0196	-0.0208	0.9447	0.4038

10D
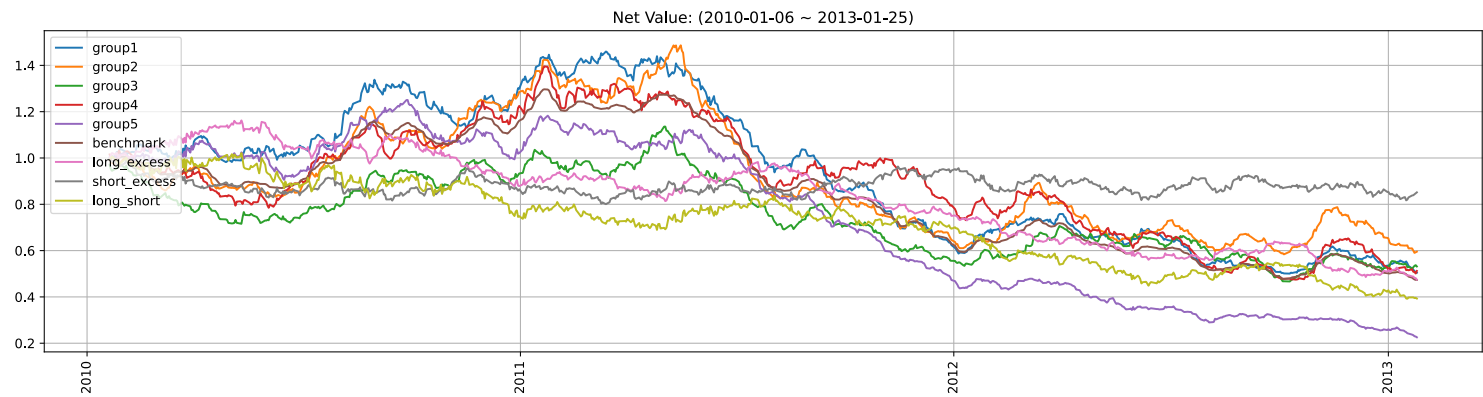
Net Value: (2010-01-06 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.3857	0.8196	-2.3405	-7.4708	0.4091	0.0104	-0.0103	1.0056	0.1995
group1(short)	-0.2007	0.6571	-1.0061	-4.8486	0.4481	0.0104	-0.0099	1.0505	0.2023
benchmark	-0.2171	0.6349	-2.5648	-5.4282	0.4143	0.0048	-0.0050	0.9556	0.0937
long_excess	-0.2164	0.5916	-1.2266	-5.8069	0.4429	0.0097	-0.0093	1.0396	0.1848
short_excess	-0.0512	0.1996	-0.2067	-4.0750	0.5104	0.0087	-0.0094	0.9288	0.1779
long_short	-0.2634	0.6163	-0.9082	-6.7851	0.4870	0.0142	-0.0156	0.9153	0.2901

20D
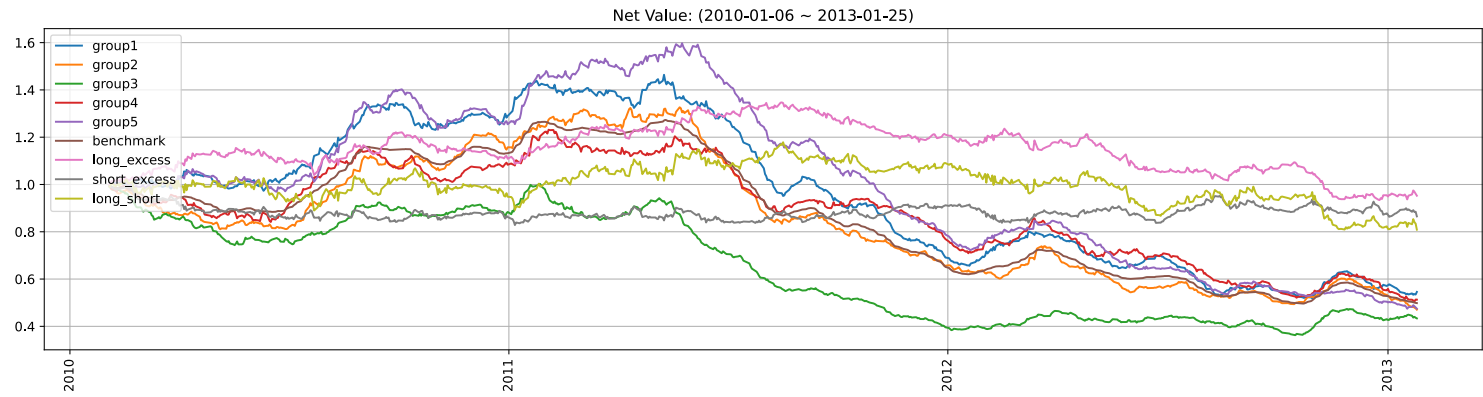
Net Value: (2010-01-06 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.2189	0.7030	-1.5872	-4.9423	0.4000	0.0082	-0.0070	1.1667	0.1486
group1(short)	-0.1820	0.6458	-1.2527	-4.4747	0.4237	0.0082	-0.0073	1.1170	0.1513
benchmark	-0.2062	0.6101	-3.4210	-5.3661	0.3816	0.0034	-0.0036	0.9534	0.0668
long_excess	-0.0160	0.3066	-0.0545	-0.8286	0.4592	0.0072	-0.0062	1.1675	0.1334
short_excess	-0.0469	0.1716	-0.2941	-4.3370	0.5421	0.0059	-0.0073	0.8057	0.1331
long_short	-0.0679	0.3136	-0.2125	-3.4352	0.5079	0.0104	-0.0111	0.9363	0.2185

因子加权日频收益
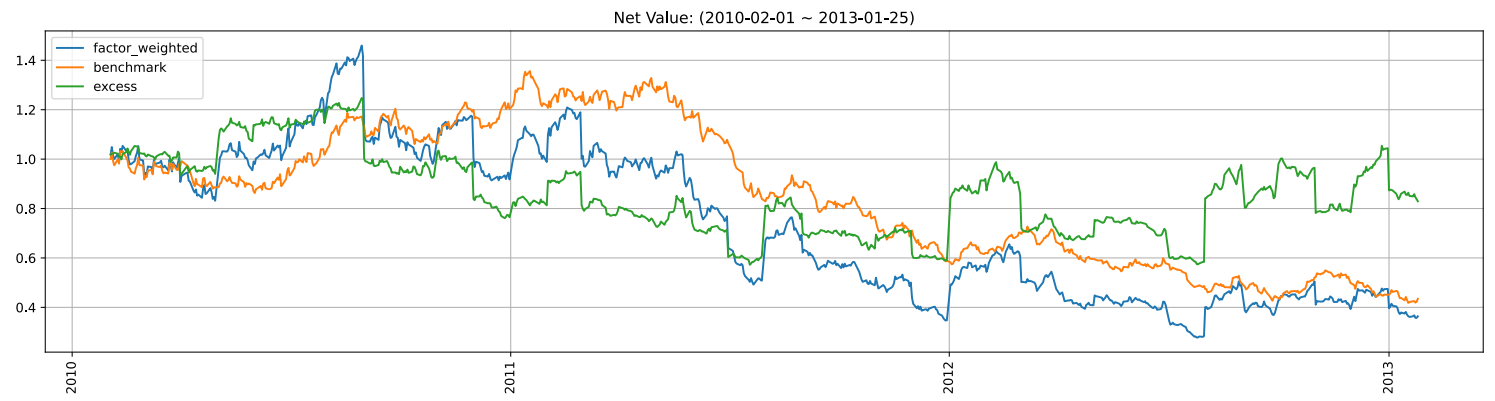
Net Value: (2010-02-01 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
factor_weighted	-0.2788	0.8096	-0.2040	-5.4667	0.4917	0.0231	-0.0233	0.9887	0.6410
benchmark	-0.2362	0.6918	-0.7668	-5.4201	0.4724	0.0149	-0.0151	0.9909	0.2946
excess	-0.0588	0.5414	0.1637	-1.7239	0.4917	0.0161	-0.0148	1.0856	0.5802

单因子策略(0.8, 1.0)收益
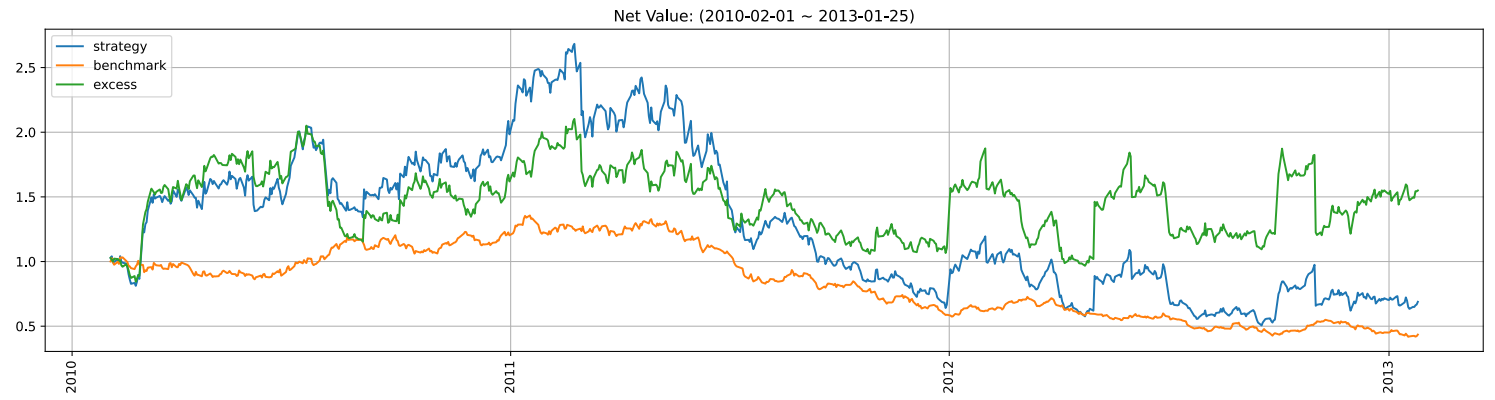
Net Value: (2010-02-01 ~ 2013-01-25)

	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
strategy	-0.1136	0.8115	0.2284	-2.2223	0.4968	0.0329	-0.0310	1.0599	0.7966
benchmark	-0.2362	0.6918	-0.7668	-5.4201	0.4724	0.0149	-0.0151	0.9909	0.2946
excess	0.1522	0.5401	0.5423	4.4724	0.4968	0.0296	-0.0260	1.1384	0.7525

换手率分析

分层换手率

Turnover: (2010-01-06 ~ 2013-01-25)
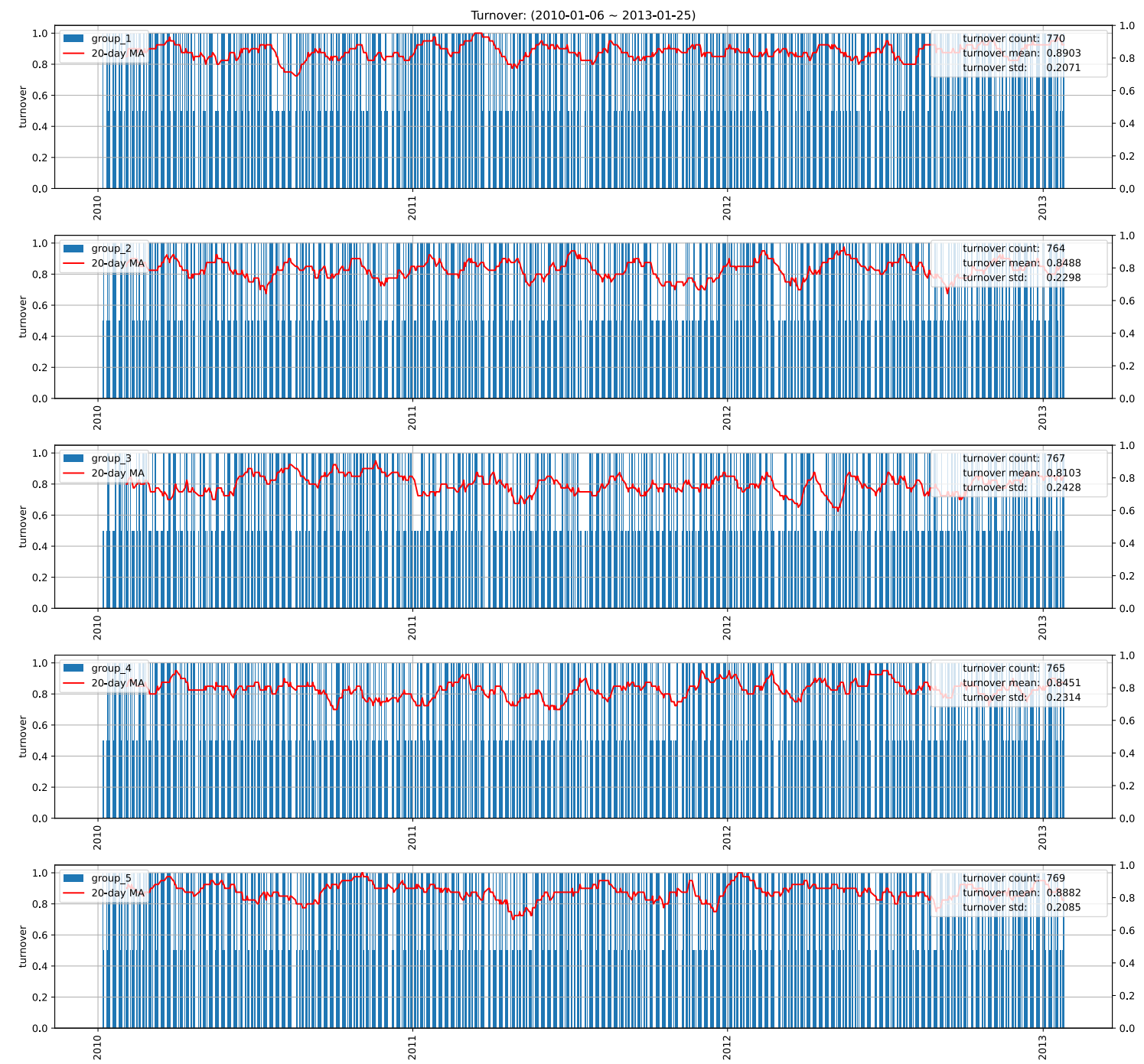
	turnover_count	turnover_mean	turnover_std
group_1	770.0000	0.8903	0.2071
group_2	764.0000	0.8488	0.2298
group_3	767.0000	0.8103	0.2428
group_4	765.0000	0.8451	0.2314
group_5	769.0000	0.8882	0.2085

因子加权持仓换手率

	turnover_count	turnover_mean	turnover_std
factor_weighted	37.0000	0.6881	0.2003

单因子策略(0.8, 1.0)换手率

	turnover_count	turnover_mean	turnover_std
strategy	37.0000	0.6474	0.2924