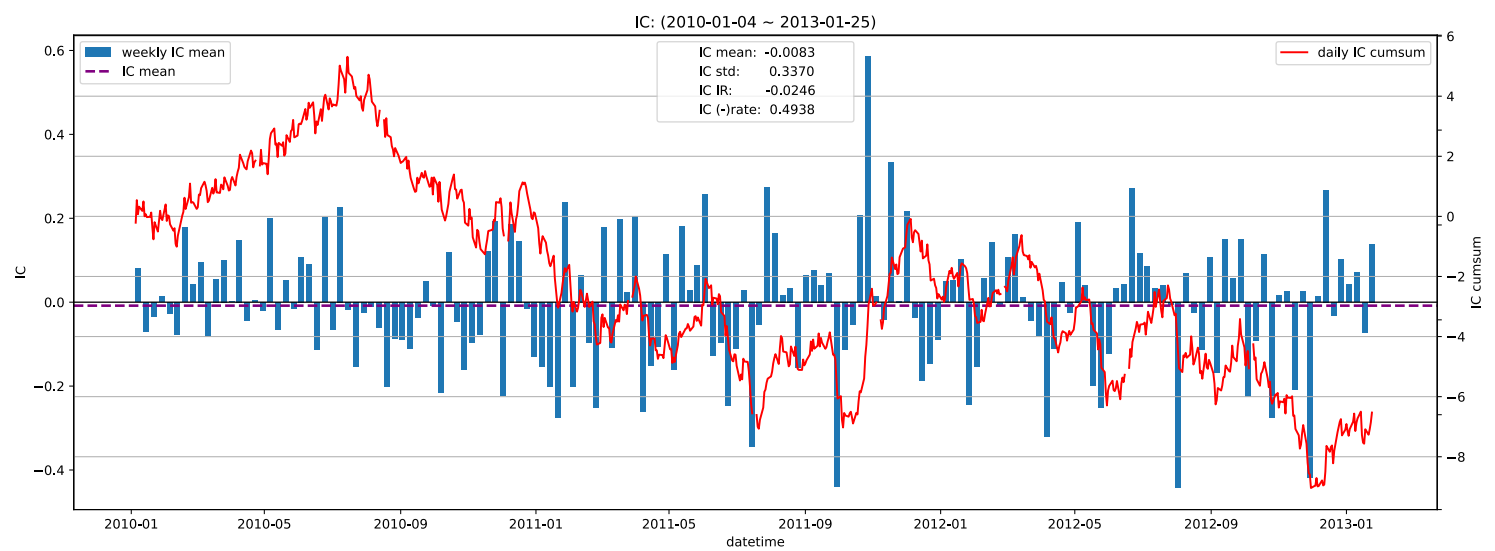


factor3 因子报告

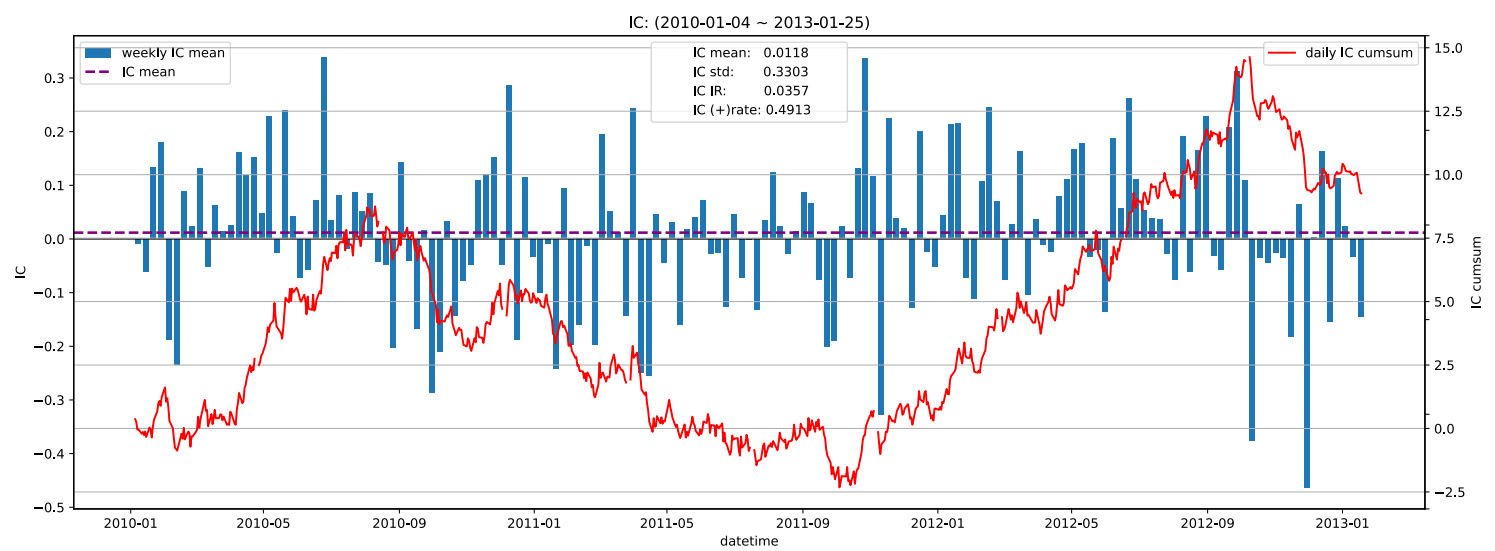
IC分析

1D



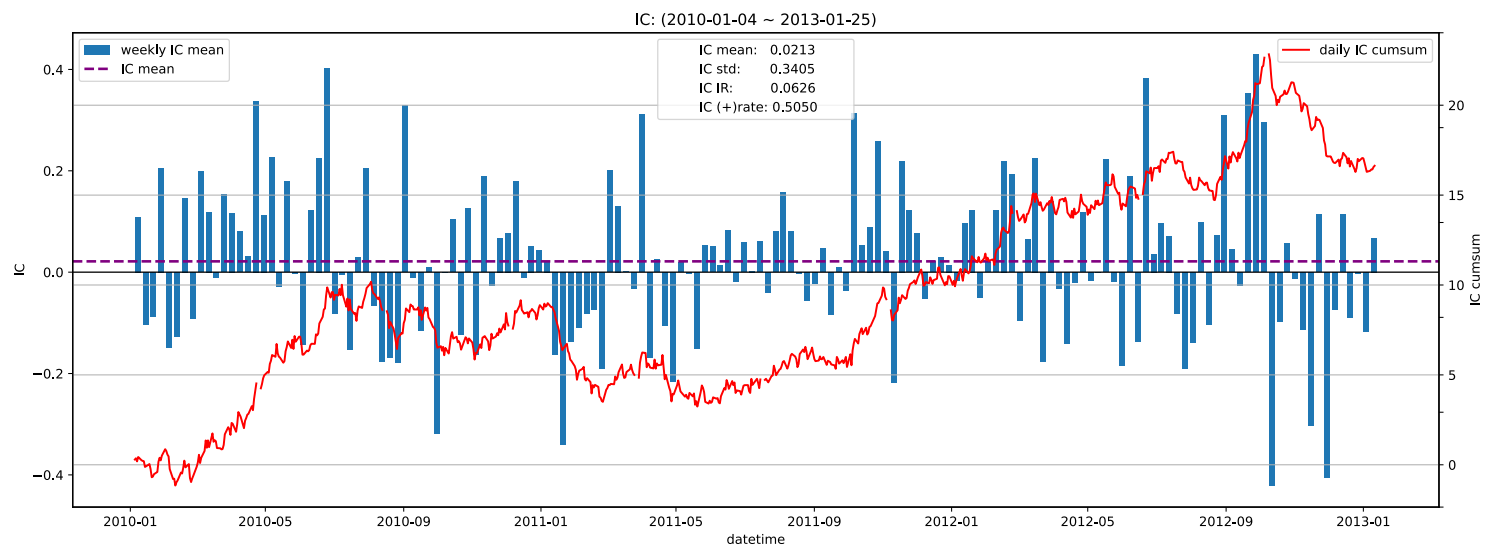
	total	2010	2011	2012	2013
IC_mean	-0.0083	0.0004	-0.0105	-0.0175	0.0315
IC_std	0.3370	0.3348	0.3354	0.3423	0.3342
IC_IR	-0.0246	0.0013	-0.0313	-0.0511	0.0944

5D

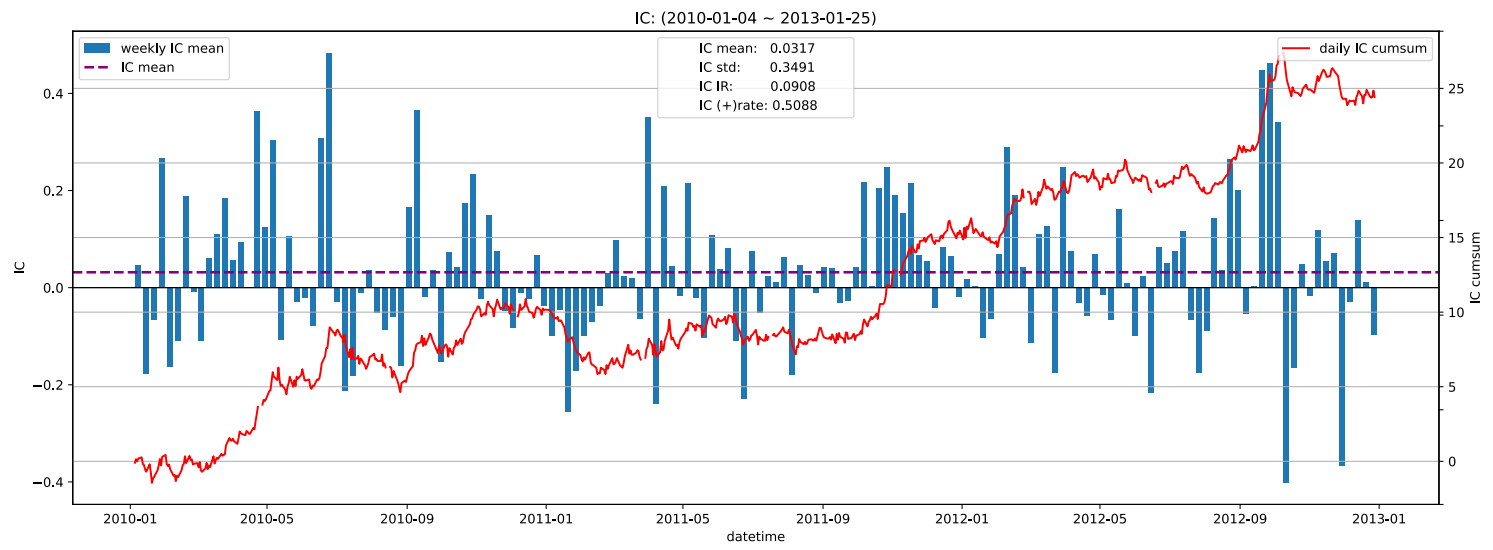


	total	2010	2011	2012	2013
IC_mean	0.0118	0.0208	-0.0177	0.0360	-0.0587
IC_std	0.3303	0.3497	0.3224	0.3238	0.1614
IC_IR	0.0357	0.0596	-0.0549	0.1113	-0.3636

10D



20D

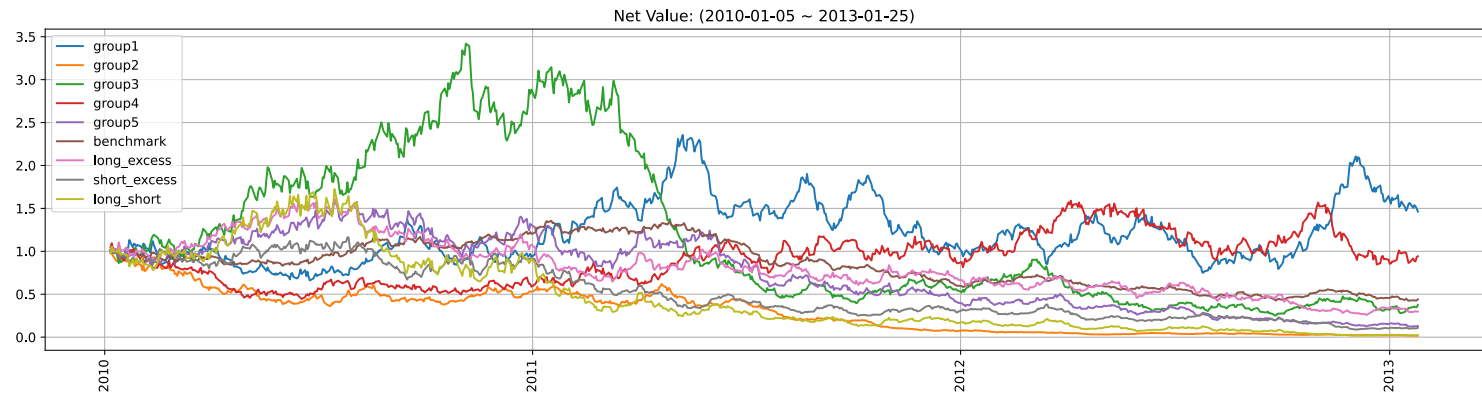


	total	2010	2011	2012	2013
IC_mean	0.0317	0.0397	0.0206	0.0348	nan
IC_std	0.3491	0.3716	0.3389	0.3369	nan
IC_IR	0.0908	0.1069	0.0608	0.1034	nan

收益分析

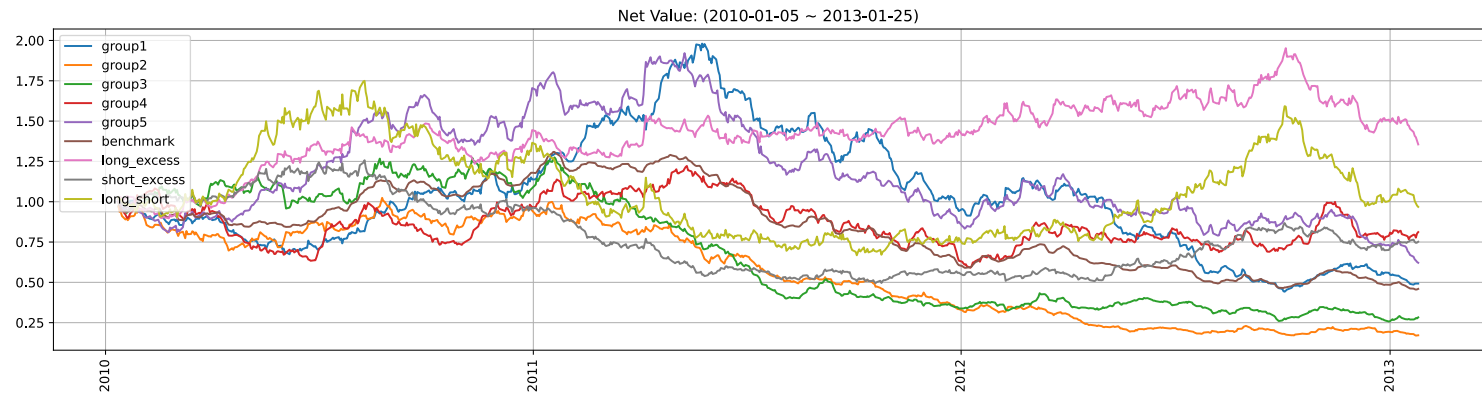
分层收益

1D



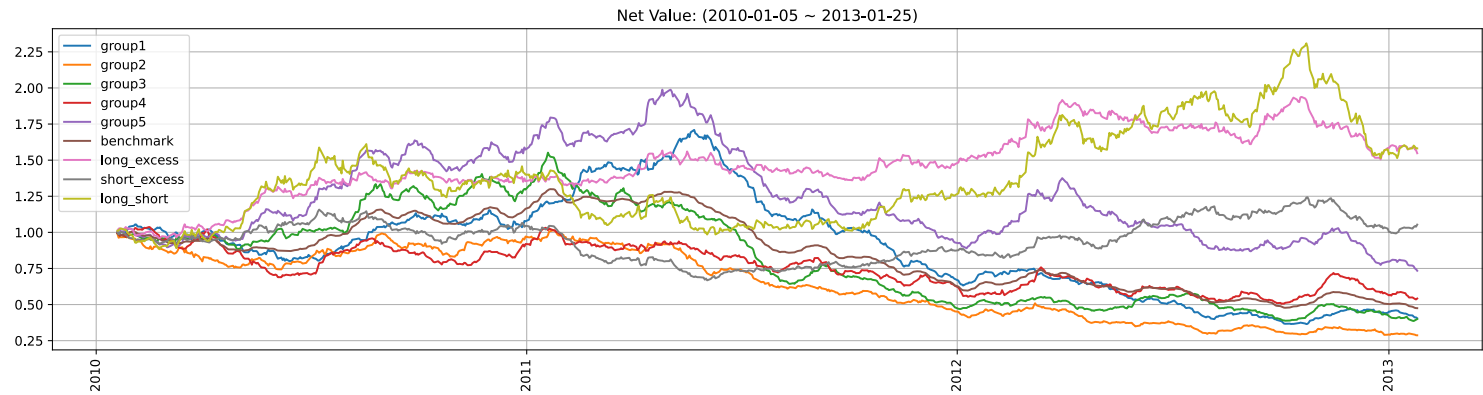
	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.4789	0.9228	-0.6911	-8.2377	0.4689	0.0336	-0.0330	1.0186	0.6426
group1(short)	0.1292	0.6821	0.5083	3.0065	0.5095	0.0334	-0.0320	1.0410	0.6340
benchmark	-0.2306	0.6877	-0.7398	-5.3219	0.4740	0.0150	-0.0151	0.9887	0.2952
long_excess	-0.3212	0.8398	-0.3975	-6.0725	0.4842	0.0287	-0.0287	1.0009	0.5678
short_excess	-0.5073	0.9243	-0.9399	-8.7121	0.4778	0.0283	-0.0300	0.9430	0.5753
long_short	-0.6987	0.9897	-0.8287	-11.2070	0.4791	0.0458	-0.0480	0.9550	0.9248

5D



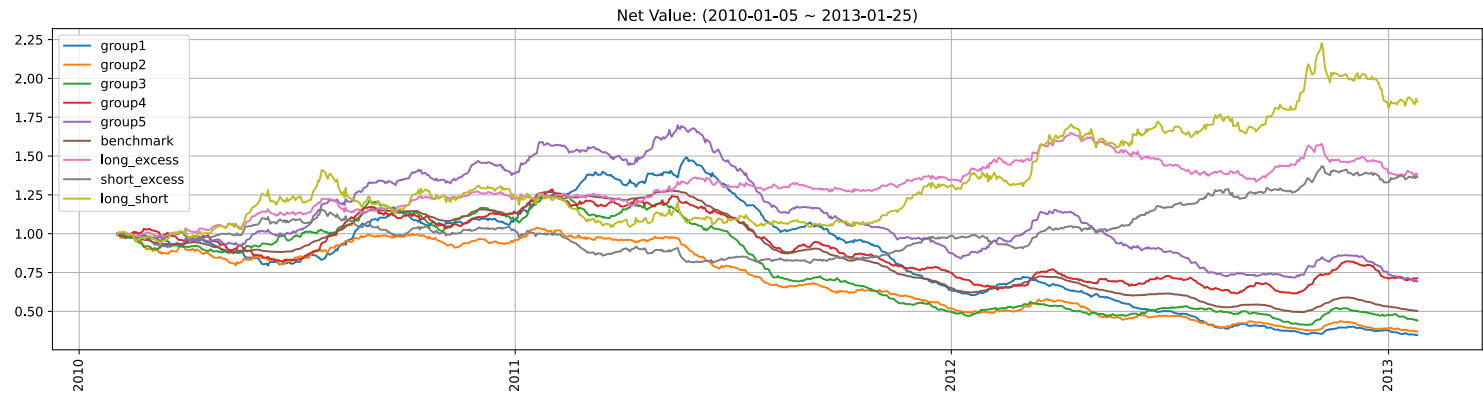
	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.1417	0.6767	-0.3930	-3.3238	0.4637	0.0150	-0.0138	1.0869	0.2854
group1(short)	-0.2034	0.7770	-0.6259	-4.1557	0.4777	0.0148	-0.0149	0.9908	0.2942
benchmark	-0.2209	0.6523	-1.8139	-5.3764	0.4637	0.0063	-0.0072	0.8718	0.1327
long_excess	0.1025	0.3058	0.5161	5.3233	0.4841	0.0132	-0.0114	1.1579	0.2491
short_excess	-0.0874	0.6060	-0.2141	-2.2907	0.4968	0.0131	-0.0134	0.9790	0.2641
long_short	-0.0104	0.6183	0.1772	-0.2664	0.4981	0.0207	-0.0199	1.0364	0.4062

10D



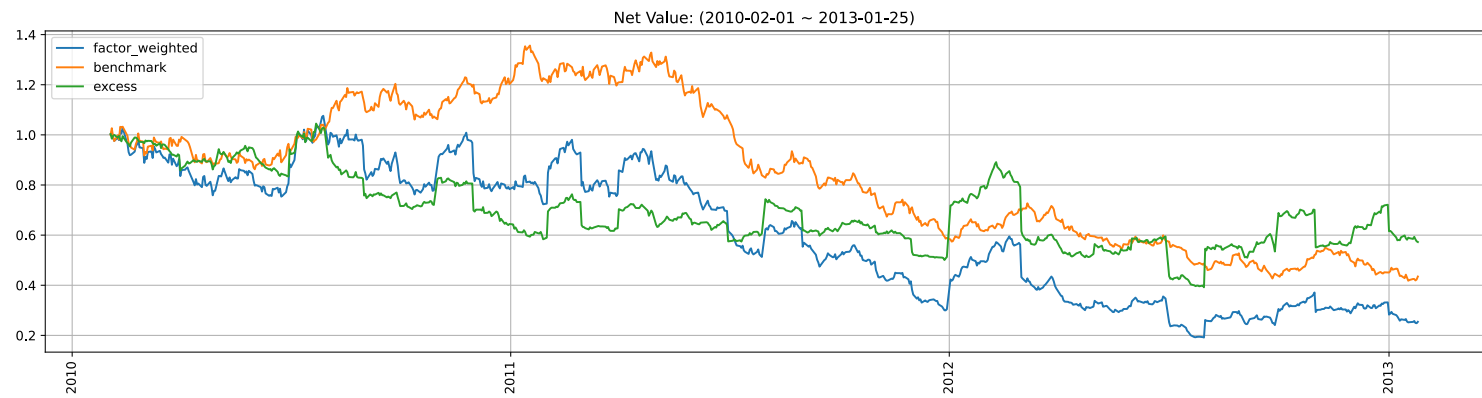
	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.0950	0.6308	-0.3790	-2.3920	0.4577	0.0110	-0.0098	1.1157	0.2071
group1(short)	-0.2532	0.7866	-1.3064	-5.1108	0.4615	0.0103	-0.0108	0.9513	0.2070
benchmark	-0.2138	0.6344	-2.5298	-5.3495	0.4154	0.0048	-0.0050	0.9563	0.0933
long_excess	0.1516	0.2233	0.8689	10.7780	0.5064	0.0095	-0.0085	1.1200	0.1813
short_excess	0.0170	0.4232	0.1837	0.6381	0.5269	0.0091	-0.0099	0.9241	0.1872
long_short	0.1596	0.3888	0.6477	6.5174	0.5321	0.0147	-0.0151	0.9745	0.2964

20D



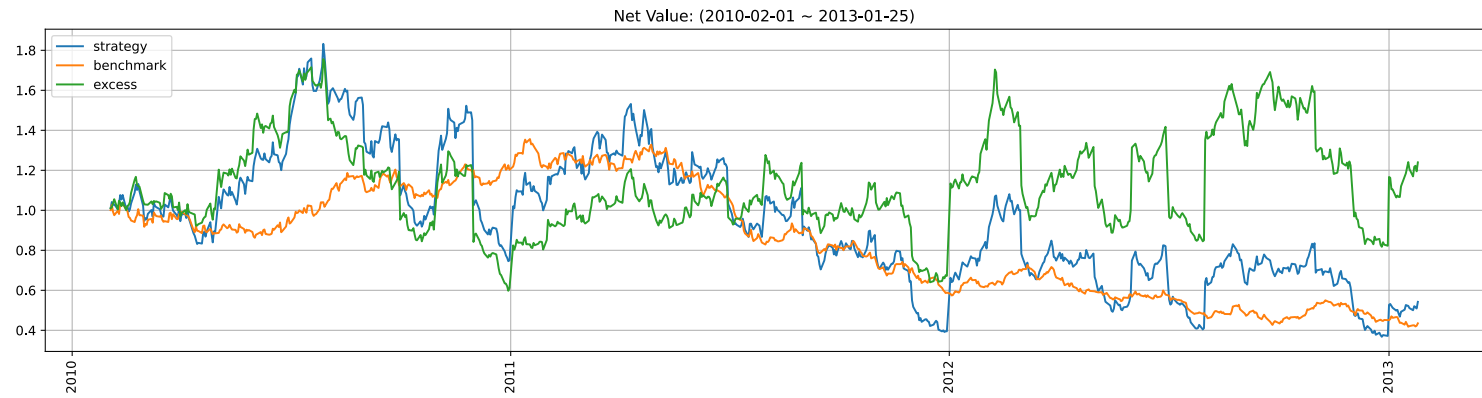
	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
group5(long)	-0.1131	0.5919	-0.7329	-3.0326	0.4377	0.0080	-0.0070	1.1433	0.1487
group1(short)	-0.2924	0.7678	-2.1901	-6.0463	0.3844	0.0085	-0.0074	1.1377	0.1526
benchmark	-0.2019	0.6130	-3.3374	-5.2276	0.3831	0.0034	-0.0035	0.9591	0.0669
long_excess	0.1114	0.1913	0.8727	9.2457	0.5013	0.0069	-0.0061	1.1441	0.1308
short_excess	0.1070	0.2983	0.8132	5.6920	0.5688	0.0063	-0.0074	0.8633	0.1365
long_short	0.2227	0.2617	1.0265	13.5076	0.5247	0.0111	-0.0104	1.0693	0.2193

因子加权日频收益



	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
factor_weighted	-0.3576	0.8221	-0.4124	-6.9058	0.4814	0.0225	-0.0229	0.9851	0.6200
benchmark	-0.2362	0.6918	-0.7668	-5.4201	0.4724	0.0149	-0.0151	0.9909	0.2946
excess	-0.1651	0.6250	-0.0534	-4.1934	0.4698	0.0159	-0.0143	1.1106	0.5635

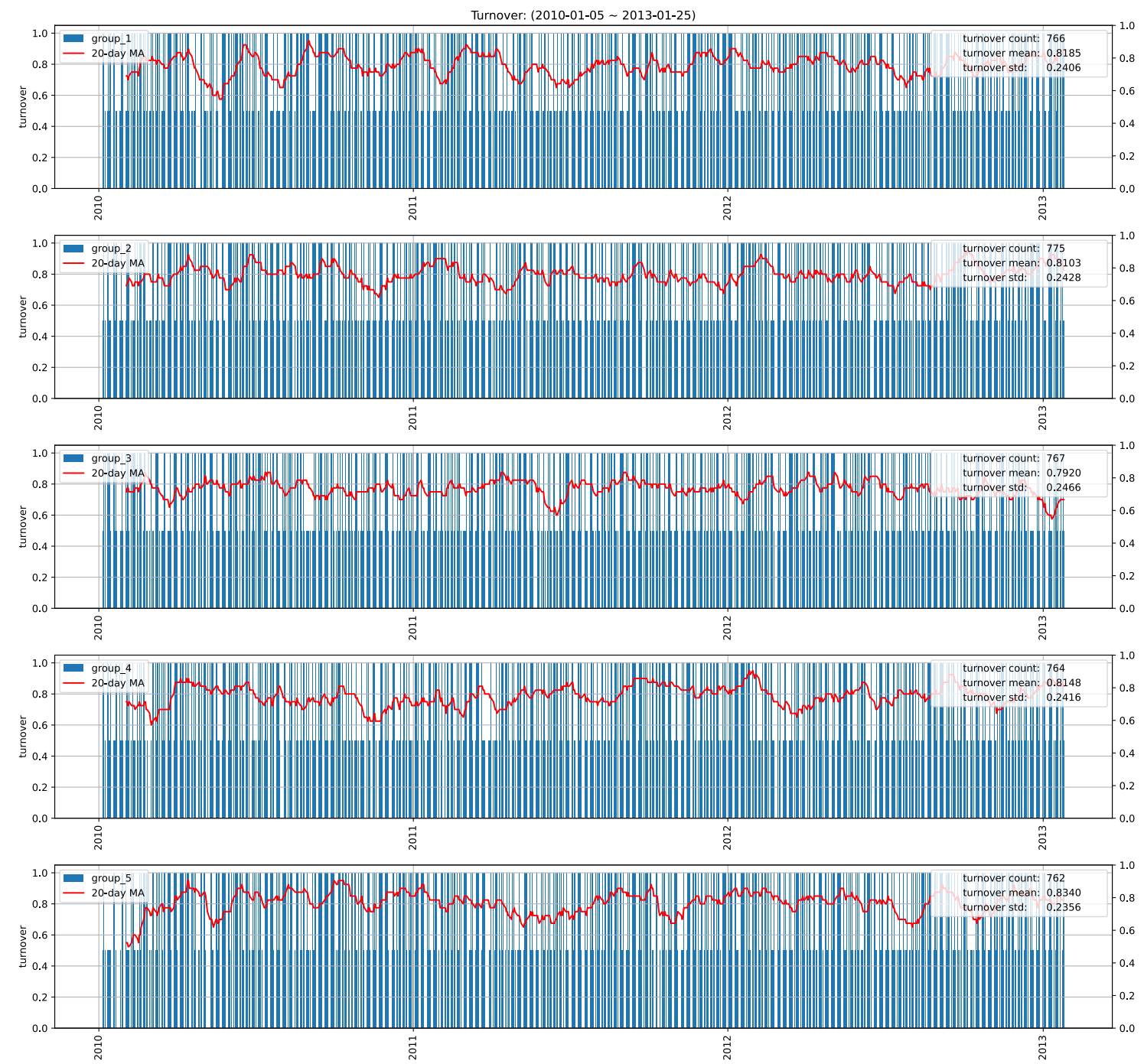
单因子策略(0.8, 1.0)收益



	ann_ret	max_dd	ann_sharpe	ann_calmar	win_rate	avg_win_ret	avg_loss_ret	profit_loss_ratio	ann_vol
strategy	-0.1794	0.7994	0.2259	-3.5633	0.4814	0.0365	-0.0323	1.1320	0.9459
benchmark	-0.2362	0.6918	-0.7668	-5.4201	0.4724	0.0149	-0.0151	0.9909	0.2946
excess	0.0720	0.6597	0.4856	1.7321	0.5071	0.0309	-0.0282	1.0941	0.9058

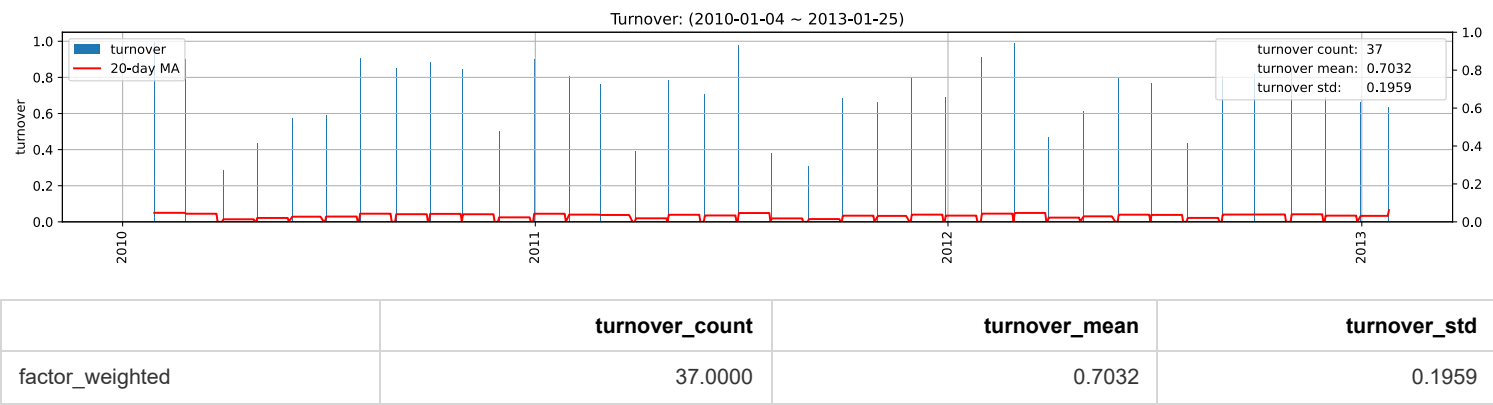
# 换手率分析

## 分层换手率



	turnover_count	turnover_mean	turnover_std
group_1	766.0000	0.8185	0.2406
group_2	775.0000	0.8103	0.2428
group_3	767.0000	0.7920	0.2466
group_4	764.0000	0.8148	0.2416
group_5	762.0000	0.8340	0.2356

因子加权持仓换手率



单因子策略(0.8, 1.0)换手率

