ssm4

Single model evaluation

The data file path:

Dataset distribution

label	training	test	All
0	55	24	79
1	103	46	149
All	158	70	228

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
training	0.8318	0.7595	0.7476	0.7818	0.8021
test	0.7002	0.6714	0.6739	0.6667	0.7294

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
1	training	0	True	0.288	0.712
2	training	1	True	0.1471	0.8529
3	training	1	False	0.5032	0.4968
4	training	0	True	0.2523	0.7477
5	test	1	True	0.275	0.725
6	test	1	True	0.2282	0.7718
7	test	1	False	0.4265	0.5735
8	training	1	True	0.2874	0.7126
9	training	1	True	0.3227	0.6773
10	training	0	False	0.6946	0.3054
11	training	1	True	0.1837	0.8163
12	training	0	True	0.3246	0.6754
13	training	1	False	0.4243	0.5757
14	training	1	True	0.1508	0.8492
15	training	1	False	0.4327	0.5673
16	training	1	True	0.15	0.85
17	test	1	True	0.2789	0.7211
18	training	1	True	0.254	0.746
19	test	1	True	0.2726	0.7274
20	training	1	False	0.4009	0.5991
21	test	0	True	0.144	0.856
22	training	0	False	0.5611	0.4389
23	training	1	True	0.2116	0.7884
24	test	1	True	0.2476	0.7524
25	training	1	True	0.174	0.826
26	training	0	True	0.292	0.708
27	training	0	False	0.6914	0.3086
28	training	1	True	0.2726	0.7274
29	training	1	True	0.212	0.788
30	test	1	False	0.4963	0.5037
31	training	1	True	0.1938	0.8062

32	training	0	True	0.1842	0.8158
33	test	0	False	0.4984	0.5016
34	training	1	True	0.1501	0.8499
35	training	1	True	0.2862	0.7138
36	training	0	False	0.4108	0.5892
37	training	0	True	0.2871	0.7129
38	training	1	True	0.1706	0.8294
39	training	0	True	0.2843	0.7157
40	training	1	True	0.1618	0.8382
41	test	1	True	0.2964	0.7036
42	training	1	True	0.1581	0.8419
43	test	0	False	0.463	0.537
44	training	1	True	0.3264	0.6736
45	training	0	False	0.4434	0.5566
46	training	0	False	0.3478	0.6522
47	training	1	False	0.3367	0.6633
48	test	0	True	0.2853	0.7147
49	training	1	True	0.1796	0.8204
50	training	1	False	0.4365	0.5635
52	training	1	True	0.1543	0.8457
53	training	1	True	0.2835	0.7165
54	training	1	True	0.1584	0.8416
55	test	1	False	0.4159	0.5841
56	test	1	True	0.1475	0.8525
57	test	1	False	0.3856	0.6144
58	training	1	True	0.2436	0.7564
59	training	1	True	0.1252	0.8748
60	test	1	True	0.2335	0.7665
61	training	1	True	0.1587	0.8413
62	test	0	False	0.5065	0.4935
63	training	1	True	0.1722	0.8278
64	training	1	True	0.2483	0.7517
65	training	1	False	0.5117	0.4883
66	test	1	True	0.2292	0.7708
67	test	1	True	0.2116	0.7884

68	test	1	False	0.4848	0.5152
69	training	1	True	0.2849	0.7151
70	training	1	True	0.1185	0.8815
71	training	0	False	0.6517	0.3483
72	training	1	True	0.172	0.828
73	test	1	False	0.6814	0.3186
74	training	1	True	0.2201	0.7799
75	test	1	True	0.125	0.875
76	training	1	False	0.3888	0.6112
77	training	1	True	0.2405	0.7595
78	training	1	True	0.2131	0.7869
79	test	1	False	0.4397	0.5603
80	training	0	False	0.6152	0.3848
81	training	1	True	0.1858	0.8142
82	training	0	False	0.6705	0.3295
83	test	1	True	0.1782	0.8218
84	training	0	False	0.5589	0.4411
85	training	1	False	0.6705	0.3295
86	training	0	False	0.6212	0.3788
87	test	1	False	0.4403	0.5597
88	test	0	False	0.636	0.364
89	test	1	True	0.2758	0.7242
90	test	0	False	0.3901	0.6099
91	training	0	False	0.4904	0.5096
92	training	1	True	0.3135	0.6865
93	training	1	True	0.2282	0.7718
94	training	0	False	0.6705	0.3295
95	training	0	False	0.4835	0.5165
96	test	1	True	0.2659	0.7341
97	training	0	False	0.4519	0.5481
99	training	0	True	0.3118	0.6882
100	test	0	False	0.5324	0.4676
101	training	0	False	0.5754	0.4246
102	training	1	True	0.2812	0.7188
103	test	1	False	0.3677	0.6323

104	training	1	True	0.1925	0.8075
105	test	1	True	0.2482	0.7518
106	training	1	True	0.1415	0.8585
107	training	1	True	0.1697	0.8303
108	test	1	True	0.1897	0.8103
109	training	0	False	0.3647	0.6353
110	test	0	False	0.6155	0.3845
111	training	1	False	0.6571	0.3429
112	training	0	False	0.582	0.418
113	training	0	False	0.3398	0.6602
115	test	0	False	0.4174	0.5826
116	training	1	True	0.3277	0.6723
117	test	1	True	0.2746	0.7254
118	training	1	False	0.389	0.611
119	training	1	False	0.4225	0.5775
120	training	1	True	0.1539	0.8461
121	training	1	True	0.222	0.778
124	training	1	True	0.2984	0.7016
126	test	1	False	0.41	0.59
127	test	0	False	0.6651	0.3349
128	test	1	True	0.2686	0.7314
129	test	1	False	0.4385	0.5615
130	training	1	True	0.2228	0.7772
131	training	1	True	0.2172	0.7828
133	test	1	True	0.2408	0.7592
134	training	1	False	0.6778	0.3222
135	training	1	False	0.6544	0.3456
136	test	1	True	0.1814	0.8186
137	training	0	False	0.6518	0.3482
138	training	0	False	0.6181	0.3819
139	training	1	True	0.1137	0.8863
140	training	0	False	0.6572	0.3428
141	training	1	False	0.4629	0.5371
142	training	0	False	0.5182	0.4818
143	training	1	True	0.1514	0.8486

144	training	0	False	0.4817	0.5183
145	test	1	False	0.356	0.644
146	test	1	True	0.3062	0.6938
147	training	1	True	0.2967	0.7033
148	training	1	True	0.1782	0.8218
149	training	1	False	0.5005	0.4995
150	training	1	False	0.3676	0.6324
151	training	1	True	0.2008	0.7992
152	training	1	True	0.2179	0.7821
153	training	1	True	0.2542	0.7458
154	training	0	False	0.3853	0.6147
155	training	1	True	0.1323	0.8677
156	training	1	True	0.277	0.723
157	test	0	True	0.2375	0.7625
158	test	1	False	0.5187	0.4813
159	training	0	False	0.6757	0.3243
160	training	0	False	0.45	0.55
161	training	1	False	0.4323	0.5677
162	training	1	True	0.2684	0.7316
163	training	1	True	0.3099	0.6901
164	training	1	True	0.2962	0.7038
165	training	1	True	0.3277	0.6723
166	test	1	False	0.4417	0.5583
167	training	1	True	0.1621	0.8379
168	test	1	True	0.3064	0.6936
169	training	1	False	0.568	0.432
170	training	1	True	0.2286	0.7714
171	training	1	True	0.1952	0.8048
172	test	1	True	0.1693	0.8307
173	test	1	True	0.2802	0.7198
174	training	1	True	0.1098	0.8902
175	training	1	True	0.1204	0.8796
176	training	0	False	0.6757	0.3243
177	test	0	False	0.7005	0.2995
178	training	1	False	0.4218	0.5782

179	training	1	True	0.132	0.868
180	training	1	False	0.6457	0.3543
181	test	1	False	0.5097	0.4903
182	test	0	False	0.3656	0.6344
183	training	1	False	0.4294	0.5706
184	training	1	True	0.1796	0.8204
185	test	0	False	0.6361	0.3639
186	training	0	False	0.3601	0.6399
187	test	0	False	0.4826	0.5174
188	training	0	False	0.4168	0.5832
189	training	0	True	0.3024	0.6976
190	training	0	False	0.398	0.602
191	training	1	True	0.3147	0.6853
192	training	1	True	0.3042	0.6958
193	training	0	False	0.6705	0.3295
194	training	1	True	0.2686	0.7314
195	training	0	False	0.6664	0.3336
196	training	0	True	0.2783	0.7217
197	training	1	True	0.2373	0.7627
198	training	1	True	0.2014	0.7986
199	training	0	False	0.3441	0.6559
200	training	1	False	0.4078	0.5922
201	training	0	True	0.2207	0.7793
202	training	1	True	0.2817	0.7183
203	training	1	True	0.1325	0.8675
204	test	1	True	0.168	0.832
205	training	0	False	0.699	0.301
206	training	1	True	0.2333	0.7667
207	test	0	True	0.1468	0.8532
208	test	0	False	0.3839	0.6161
209	training	1	False	0.3982	0.6018
210	test	0	True	0.2048	0.7952
211	training	1	True	0.1324	0.8676
212	training	1	True	0.2123	0.7877
213	test	0	True	0.2775	0.7225

214	test	0	True	0.1141	0.8859
215	training	0	False	0.3613	0.6387
216	training	0	True	0.3001	0.6999
217	test	0	False	0.6779	0.3221
218	test	0	True	0.2822	0.7178
219	training	0	False	0.6918	0.3082
220	training	0	False	0.3959	0.6041
221	test	1	True	0.3054	0.6946
222	test	1	True	0.1633	0.8367
223	test	1	True	0.2457	0.7543
224	test	1	True	0.1615	0.8385
225	test	1	True	0.1183	0.8817
226	training	0	False	0.4202	0.5798
227	training	0	False	0.5147	0.4853
228	training	0	False	0.4636	0.5364
229	training	1	True	0.2542	0.7458
230	training	1	False	0.4158	0.5842
231	training	1	False	0.6393	0.3607
232	test	0	False	0.6705	0.3295
233	test	1	True	0.1858	0.8142
234	training	0	False	0.3677	0.6323
235	training	0	False	0.6705	0.3295

asm

Single model evaluation

The data file path:

Dataset distribution

label	test	All
0	24	48
1	46	92
All	70	140

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
traning	0.6839	0.7571	0.913	0.4583	0.8317
test	0.7002	0.7429	0.8913	0.4583	0.82

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
5	traning	1	True	0.3041	0.6959
5	test	1	True	0.275	0.725
6	traning	1	True	0.3169	0.6831
6	test	1	True	0.2282	0.7718
7	traning	1	True	0.2009	0.7991
7	test	1	True	0.4265	0.5735
17	traning	1	True	0.3235	0.6765
17	test	1	True	0.2789	0.7211
19	traning	1	True	0.2189	0.7811
19	test	1	True	0.2726	0.7274
21	traning	0	True	0.1747	0.8253
21	test	0	True	0.144	0.856
24	traning	1	True	0.2986	0.7014
24	test	1	True	0.2476	0.7524
30	traning	1	False	0.6581	0.3419
30	test	1	False	0.4963	0.5037
33	traning	0	True	0.3452	0.6548
33	test	0	False	0.4984	0.5016
41	traning	1	True	0.2276	0.7724
41	test	1	True	0.2964	0.7036
43	traning	0	True	0.2263	0.7737
43	test	0	True	0.463	0.537
48	traning	0	True	0.2456	0.7544
48	test	0	True	0.2853	0.7147
55	traning	1	True	0.4575	0.5425
55	test	1	True	0.4159	0.5841
56	traning	1	True	0.2252	0.7748
56	test	1	True	0.1475	0.8525
57	traning	1	True	0.1741	0.8259
57	test	1	True	0.3856	0.6144
60	traning	1	True	0.3608	0.6392

60	test	1	True	0.2335	0.7665
62	traning	0	False	0.7369	0.2631
62	test	0	False	0.5065	0.4935
66	traning	1	True	0.2241	0.7759
66	test	1	True	0.2292	0.7708
67	traning	1	True	0.0876	0.9124
67	test	1	True	0.2116	0.7884
68	traning	1	True	0.2514	0.7486
68	test	1	False	0.4848	0.5152
73	traning	1	True	0.3345	0.6655
73	test	1	False	0.6814	0.3186
75	traning	1	True	0.3757	0.6243
75	test	1	True	0.125	0.875
79	traning	1	False	0.4761	0.5239
79	test	1	True	0.4397	0.5603
83	traning	1	True	0.2195	0.7805
83	test	1	True	0.1782	0.8218
87	traning	1	True	0.2129	0.7871
87	test	1	True	0.4403	0.5597
88	traning	0	False	0.639	0.361
88	test	0	False	0.636	0.364
89	traning	1	True	0.3096	0.6904
89	test	1	True	0.2758	0.7242
90	traning	0	True	0.2287	0.7713
90	test	0	True	0.3901	0.6099
96	traning	1	True	0.1688	0.8312
96	test	1	True	0.2659	0.7341
100	traning	0	True	0.3768	0.6232
100	test	0	False	0.5324	0.4676
103	traning	1	True	0.2252	0.7748
103	test	1	True	0.3677	0.6323
105	traning	1	True	0.1465	0.8535
105	test	1	True	0.2482	0.7518
108	traning	1	True	0.254	0.746
108	test	1	True	0.1897	0.8103

110	traning	0	False	0.7777	0.2223
110	test	0	False	0.6155	0.3845
115	traning	0	True	0.2444	0.7556
115	test	0	True	0.4174	0.5826
117	traning	1	True	0.3369	0.6631
117	test	1	True	0.2746	0.7254
126	traning	1	True	0.3738	0.6262
126	test	1	True	0.41	0.59
127	traning	0	True	0.4403	0.5597
127	test	0	False	0.6651	0.3349
128	traning	1	True	0.2987	0.7013
128	test	1	True	0.2686	0.7314
129	traning	1	False	0.497	0.503
129	test	1	True	0.4385	0.5615
133	traning	1	True	0.2832	0.7168
133	test	1	True	0.2408	0.7592
136	traning	1	True	0.2068	0.7932
136	test	1	True	0.1814	0.8186
145	traning	1	True	0.2415	0.7585
145	test	1	True	0.356	0.644
146	traning	1	True	0.3369	0.6631
146	test	1	True	0.3062	0.6938
157	traning	0	True	0.3992	0.6008
157	test	0	True	0.2375	0.7625
158	traning	1	True	0.3533	0.6467
158	test	1	False	0.5187	0.4813
166	traning	1	True	0.3351	0.6649
166	test	1	True	0.4417	0.5583
168	traning	1	True	0.3737	0.6263
168	test	1	True	0.3064	0.6936
172	traning	1	True	0.324	0.676
172	test	1	True	0.1693	0.8307
173	traning	1	True	0.3953	0.6047
173	test	1	True	0.2802	0.7198
177	traning	0	True	0.2777	0.7223

177	test	0	False	0.7005	0.2995
181	traning	1	True	0.44	0.56
181	test	1	False	0.5097	0.4903
182	traning	0	False	0.5151	0.4849
182	test	0	True	0.3656	0.6344
185	traning	0	False	0.766	0.234
185	test	0	False	0.6361	0.3639
187	traning	0	False	0.4857	0.5143
187	test	0	False	0.4826	0.5174
204	traning	1	True	0.4329	0.5671
204	test	1	True	0.168	0.832
207	traning	0	True	0.2022	0.7978
207	test	0	True	0.1468	0.8532
208	traning	0	False	0.5815	0.4185
208	test	0	True	0.3839	0.6161
210	traning	0	True	0.1229	0.8771
210	test	0	True	0.2048	0.7952
213	traning	0	False	0.5051	0.4949
213	test	0	True	0.2775	0.7225
214	traning	0	True	0.3387	0.6613
214	test	0	True	0.1141	0.8859
217	traning	0	False	0.5846	0.4154
217	test	0	False	0.6779	0.3221
218	traning	0	False	0.4833	0.5167
218	test	0	True	0.2822	0.7178
221	traning	1	False	0.5371	0.4629
221	test	1	True	0.3054	0.6946
222	traning	1	True	0.4698	0.5302
222	test	1	True	0.1633	0.8367
223	traning	1	True	0.2748	0.7252
223	test	1	True	0.2457	0.7543
224	traning	1	True	0.4042	0.5958
224	test	1	True	0.1615	0.8385
225	traning	1	True	0.1361	0.8639
225	test	1	True	0.1183	0.8817

232	traning	0	False	0.7114	0.2886
232	test	0	False	0.6705	0.3295
233	traning	1	True	0.2865	0.7135
233	test	1	True	0.1858	0.8142

ssm2

Single model evaluation

The data file path:

Dataset distribution

label	training	test	All
0	55	24	79
1	103	46	149
All	158	70	228

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
training	0.8535	0.7975	0.7864	0.8182	0.8351
test	0.6567	0.6571	0.6739	0.625	0.7209

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
1	training	0	False	0.4431	0.5569
2	training	1	True	0.1727	0.8273
3	training	1	True	0.239	0.761
4	training	0	False	0.5479	0.4521
5	test	1	True	0.2456	0.7544
6	test	1	True	0.3093	0.6907
7	test	1	False	0.4058	0.5942
8	training	1	True	0.3378	0.6622
9	training	1	False	0.3993	0.6007
10	training	0	False	0.5166	0.4834
11	training	1	True	0.1227	0.8773
12	training	0	False	0.4604	0.5396
13	training	1	True	0.1686	0.8314
14	training	1	True	0.2573	0.7427
15	training	1	True	0.2707	0.7293
16	training	1	True	0.1341	0.8659
17	test	1	True	0.3314	0.6686
18	training	1	False	0.5761	0.4239
19	test	1	True	0.1951	0.8049
20	training	1	False	0.5032	0.4968
21	test	0	True	0.2415	0.7585
22	training	0	True	0.2166	0.7834
23	training	1	False	0.4096	0.5904
24	test	1	True	0.323	0.677
25	training	1	True	0.2421	0.7579
26	training	0	False	0.4094	0.5906
27	training	0	False	0.4709	0.5291
28	training	1	True	0.3523	0.6477
29	training	1	True	0.2345	0.7655
30	test	1	False	0.5454	0.4546
31	training	1	True	0.2869	0.7131

32	training	0	False	0.4718	0.5282
33	test	0	True	0.2525	0.7475
34	training	1	False	0.3759	0.6241
35	training	1	False	0.4689	0.5311
36	training	0	False	0.4493	0.5507
37	training	0	False	0.4472	0.5528
38	training	1	True	0.1278	0.8722
39	training	0	False	0.5128	0.4872
40	training	1	True	0.3155	0.6845
41	test	1	True	0.2379	0.7621
42	training	1	True	0.2618	0.7382
43	test	0	True	0.135	0.865
44	training	1	False	0.4311	0.5689
45	training	0	False	0.4965	0.5035
46	training	0	True	0.2106	0.7894
47	training	1	True	0.3293	0.6707
48	test	0	True	0.1435	0.8565
49	training	1	True	0.3407	0.6593
50	training	1	True	0.3673	0.6327
52	training	1	True	0.09	0.91
53	training	1	True	0.1421	0.8579
54	training	1	True	0.1533	0.8467
55	test	1	False	0.501	0.499
56	test	1	True	0.2336	0.7664
57	test	1	True	0.0765	0.9235
58	training	1	True	0.2678	0.7322
59	training	1	True	0.2166	0.7834
60	test	1	False	0.5062	0.4938
61	training	1	True	0.2482	0.7518
62	test	0	False	0.6984	0.3016
63	training	1	True	0.3224	0.6776
64	training	1	True	0.178	0.822
65	training	1	True	0.2059	0.7941
66	test	1	True	0.3232	0.6768
67	test	1	True	0.157	0.843

68	test	1	True	0.109	0.891
69	training	1	True	0.2713	0.7287
70	training	1	True	0.2438	0.7562
71	training	0	False	0.61	0.39
72	training	1	True	0.2844	0.7156
73	test	1	True	0.2388	0.7612
74	training	1	True	0.1444	0.8556
75	test	1	True	0.3502	0.6498
76	training	1	True	0.2317	0.7683
77	training	1	True	0.32	0.68
78	training	1	True	0.1148	0.8852
79	test	1	False	0.3991	0.6009
80	training	0	True	0.3188	0.6812
81	training	1	True	0.2118	0.7882
82	training	0	False	0.691	0.309
83	test	1	True	0.267	0.733
84	training	0	True	0.2393	0.7607
85	training	1	False	0.5264	0.4736
86	training	0	False	0.6875	0.3125
87	test	1	True	0.1748	0.8252
88	test	0	False	0.4766	0.5234
89	test	1	True	0.3453	0.6547
90	test	0	False	0.3716	0.6284
91	training	0	False	0.6662	0.3338
92	training	1	True	0.3394	0.6606
93	training	1	True	0.1014	0.8986
94	training	0	False	0.6003	0.3997
95	training	0	False	0.5478	0.4522
96	test	1	True	0.1122	0.8878
97	training	0	False	0.4823	0.5177
99	training	0	False	0.4651	0.5349
100	test	0	True	0.2857	0.7143
101	training	0	False	0.4034	0.5966
102	training	1	True	0.2517	0.7483
103	test	1	True	0.2738	0.7262

104	training	1	True	0.1269	0.8731
105	test	1	True	0.224	0.776
106	training	1	True	0.1455	0.8545
107	training	1	True	0.0774	0.9226
108	test	1	True	0.2239	0.7761
109	training	0	False	0.5608	0.4392
110	test	0	False	0.6936	0.3064
111	training	1	False	0.4818	0.5182
112	training	0	False	0.6996	0.3004
113	training	0	False	0.6928	0.3072
115	test	0	True	0.3015	0.6985
116	training	1	True	0.2407	0.7593
117	test	1	False	0.4138	0.5862
118	training	1	True	0.1486	0.8514
119	training	1	True	0.2817	0.7183
120	training	1	True	0.1603	0.8397
121	training	1	True	0.1563	0.8437
124	training	1	True	0.1871	0.8129
126	test	1	False	0.4726	0.5274
127	test	0	False	0.3746	0.6254
128	test	1	True	0.3088	0.6912
129	test	1	True	0.3616	0.6384
130	training	1	True	0.1787	0.8213
131	training	1	True	0.1343	0.8657
133	test	1	False	0.4793	0.5207
134	training	1	True	0.2903	0.7097
135	training	1	False	0.5893	0.4107
136	test	1	False	0.4354	0.5646
137	training	0	False	0.3984	0.6016
138	training	0	False	0.5767	0.4233
139	training	1	True	0.1666	0.8334
140	training	0	False	0.66	0.34
141	training	1	True	0.3302	0.6698
142	training	0	True	0.241	0.759
143	training	1	True	0.0718	0.9282

144	training	0	True	0.1479	0.8521
145	test	1	True	0.2846	0.7154
146	test	1	True	0.3449	0.6551
147	training	1	True	0.2772	0.7228
148	training	1	False	0.4678	0.5322
149	training	1	True	0.2202	0.7798
150	training	1	True	0.1982	0.8018
151	training	1	True	0.3367	0.6633
152	training	1	True	0.1601	0.8399
153	training	1	True	0.1385	0.8615
154	training	0	False	0.5003	0.4997
155	training	1	True	0.3243	0.6757
156	training	1	True	0.2088	0.7912
157	test	0	False	0.4598	0.5402
158	test	1	True	0.1379	0.8621
159	training	0	True	0.3331	0.6669
160	training	0	False	0.4093	0.5907
161	training	1	True	0.1387	0.8613
162	training	1	True	0.1304	0.8696
163	training	1	True	0.3647	0.6353
164	training	1	True	0.1328	0.8672
165	training	1	True	0.2002	0.7998
166	test	1	True	0.2796	0.7204
167	training	1	True	0.2447	0.7553
168	test	1	False	0.4233	0.5767
169	training	1	True	0.247	0.753
170	training	1	True	0.086	0.914
171	training	1	True	0.1545	0.8455
172	test	1	False	0.3854	0.6146
173	test	1	True	0.3084	0.6916
174	training	1	True	0.313	0.687
175	training	1	True	0.1492	0.8508
176	training	0	False	0.6727	0.3273
177	test	0	True	0.1653	0.8347
178	training	1	True	0.1826	0.8174

179	training	1	False	0.5271	0.4729
180	training	1	True	0.2678	0.7322
181	test	1	True	0.3457	0.6543
182	test	0	False	0.5366	0.4634
183	training	1	False	0.4937	0.5063
184	training	1	True	0.1605	0.8395
185	test	0	False	0.6769	0.3231
186	training	0	False	0.5391	0.4609
187	test	0	False	0.5854	0.4146
188	training	0	False	0.4415	0.5585
189	training	0	True	0.3347	0.6653
190	training	0	True	0.3564	0.6436
191	training	1	False	0.5339	0.4661
192	training	1	False	0.3711	0.6289
193	training	0	False	0.6154	0.3846
194	training	1	False	0.686	0.314
195	training	0	False	0.496	0.504
196	training	0	False	0.5468	0.4532
197	training	1	True	0.1929	0.8071
198	training	1	True	0.0931	0.9069
199	training	0	True	0.2731	0.7269
200	training	1	False	0.5195	0.4805
201	training	0	False	0.5821	0.4179
202	training	1	False	0.5663	0.4337
203	training	1	True	0.2232	0.7768
204	test	1	False	0.3796	0.6204
205	training	0	False	0.3758	0.6242
206	training	1	True	0.2079	0.7921
207	test	0	True	0.2583	0.7417
208	test	0	False	0.4488	0.5512
209	training	1	True	0.3185	0.6815
210	test	0	True	0.1459	0.8541
211	training	1	False	0.4204	0.5796
212	training	1	False	0.4996	0.5004
213	test	0	False	0.526	0.474

214	test	0	False	0.4554	0.5446
215	training	0	False	0.5884	0.4116
216	training	0	False	0.5588	0.4412
217	test	0	False	0.5448	0.4552
218	test	0	False	0.4681	0.5319
219	training	0	False	0.6044	0.3956
220	training	0	False	0.5182	0.4818
221	test	1	False	0.492	0.508
222	test	1	False	0.4395	0.5605
223	test	1	True	0.3152	0.6848
224	test	1	False	0.4494	0.5506
225	test	1	True	0.2236	0.7764
226	training	0	False	0.5561	0.4439
227	training	0	False	0.6984	0.3016
228	training	0	False	0.5443	0.4557
229	training	1	True	0.3108	0.6892
230	training	1	False	0.4828	0.5172
231	training	1	False	0.5416	0.4584
232	test	0	False	0.5265	0.4735
233	test	1	True	0.1587	0.8413
234	training	0	False	0.5142	0.4858
235	training	0	False	0.5862	0.4138

dsm

Single model evaluation

The data file path:

Dataset distribution

label	test	All
0	24	79
1	46	149
All	70	228

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
traning	0.8876	0.8038	0.7864	0.8364	0.8394
test	0.7201	0.7429	0.7826	0.6667	0.8

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
i1	traning	0	False	0.5546	0.4454
i2	traning	0	True	0.4614	0.5386
i3	traning	1	False	0.6699	0.3301
i4	traning	1	True	0.4487	0.5513
i5	test	1	True	0.4383	0.5617
i6	test	1	True	0.402	0.598
i7	test	1	True	0.4057	0.5943
i8	traning	1	False	0.7321	0.2679
i9	traning	1	True	0.3434	0.6566
i10	traning	1	True	0.3844	0.6156
i11	traning	1	True	0.4138	0.5862
i12	traning	0	False	0.7403	0.2597
i13	traning	1	True	0.2719	0.7281
i14	traning	1	True	0.3535	0.6465
i15	traning	0	False	0.7217	0.2783
i16	traning	1	True	0.1586	0.8414
i17	test	1	True	0.3314	0.6686
i18	traning	1	True	0.2937	0.7063
i19	test	1	True	0.3039	0.6961
i20	traning	1	False	0.5132	0.4868
i21	test	0	True	0.3921	0.6079
i22	traning	1	True	0.4199	0.5801
i23	traning	0	False	0.5578	0.4422
i24	test	1	True	0.345	0.655
i25	traning	0	False	0.7677	0.2323
i26	traning	1	True	0.3963	0.6037
i27	traning	0	False	0.5507	0.4493
i28	traning	0	False	0.7953	0.2047
i29	traning	1	False	0.4777	0.5223
i30	test	1	False	0.5517	0.4483
i31	traning	1	True	0.4444	0.5556

i32	traning	1	True	0.4002	0.5998
i33	test	0	False	0.5511	0.4489
i34	traning	1	True	0.1747	0.8253
i35	traning	1	True	0.3056	0.6944
i36	traning	1	False	0.5044	0.4956
i37	traning	0	False	0.5797	0.4203
i38	traning	0	False	0.5322	0.4678
i39	traning	0	False	0.8163	0.1837
i40	traning	0	False	0.8423	0.1577
i41	test	1	True	0.4514	0.5486
i42	traning	1	False	0.608	0.392
i43	test	0	True	0.3423	0.6577
i44	traning	1	True	0.2901	0.7099
i45	traning	1	False	0.5764	0.4236
i46	traning	1	False	0.7332	0.2668
i47	traning	1	False	0.5385	0.4615
i48	test	0	True	0.4146	0.5854
i49	traning	1	True	0.1545	0.8455
i50	traning	1	True	0.369	0.631
i52	traning	0	False	0.6279	0.3721
i53	traning	1	True	0.353	0.647
i54	traning	1	True	0.4001	0.5999
i55	test	1	False	0.6332	0.3668
i56	test	1	True	0.336	0.664
i57	test	1	True	0.266	0.734
i58	traning	0	False	0.6885	0.3115
i59	traning	1	True	0.4214	0.5786
i60	test	1	False	0.6044	0.3956
i61	traning	1	False	0.4957	0.5043
i62	test	0	False	0.7626	0.2374
i63	traning	1	True	0.4741	0.5259
i64	traning	0	False	0.6057	0.3943
i65	traning	0	False	0.5703	0.4297
i66	test	1	True	0.3831	0.6169
i67	test	1	True	0.3058	0.6942

i68	test	1	True	0.3242	0.6758
i69	traning	1	True	0.4741	0.5259
i70	traning	0	False	0.8071	0.1929
i71	traning	1	True	0.275	0.725
i72	traning	1	True	0.3987	0.6013
i73	test	1	True	0.4496	0.5504
i74	traning	1	True	0.1518	0.8482
i75	test	1	True	0.3431	0.6569
i76	traning	1	True	0.3361	0.6639
i77	traning	1	True	0.2041	0.7959
i78	traning	1	True	0.4291	0.5709
i79	test	1	False	0.6069	0.3931
i80	traning	1	True	0.4402	0.5598
i81	traning	1	True	0.3784	0.6216
i82	traning	1	False	0.5	0.5
i83	test	1	True	0.3822	0.6178
i84	traning	1	True	0.3839	0.6161
i85	traning	0	False	0.8234	0.1766
i86	traning	1	True	0.333	0.667
i87	test	1	True	0.3569	0.6431
i88	test	0	False	0.5186	0.4814
i89	test	1	True	0.3666	0.6334
i90	test	0	True	0.381	0.619
i91	traning	0	False	0.5957	0.4043
i92	traning	1	True	0.4273	0.5727
i93	traning	1	True	0.3514	0.6486
i94	traning	1	True	0.4581	0.5419
i95	traning	0	False	0.49	0.51
i96	test	1	True	0.2404	0.7596
i97	traning	1	True	0.2261	0.7739
i99	traning	1	True	0.4163	0.5837
i100	test	0	True	0.47	0.53
i101	traning	0	True	0.3751	0.6249
i102	traning	1	True	0.2446	0.7554
i103	test	1	True	0.3458	0.6542

i104	traning	0	False	0.6079	0.3921
i105	test	1	True	0.2825	0.7175
i106	traning	1	True	0.4572	0.5428
i107	traning	0	False	0.6583	0.3417
i108	test	1	True	0.4023	0.5977
i109	traning	1	True	0.3309	0.6691
i110	test	0	False	0.855	0.145
i111	traning	1	True	0.3306	0.6694
i112	traning	0	False	0.851	0.149
i113	traning	0	False	0.569	0.431
i115	test	0	False	0.4953	0.5047
i116	traning	1	True	0.2515	0.7485
i117	test	1	True	0.3796	0.6204
i118	traning	0	False	0.4979	0.5021
i119	traning	1	True	0.2488	0.7512
i120	traning	1	True	0.3889	0.6111
i121	traning	1	True	0.469	0.531
i124	traning	0	False	0.6628	0.3372
i126	test	1	False	0.6485	0.3515
i127	test	0	False	0.478	0.522
i128	test	1	True	0.4066	0.5934
i129	test	1	True	0.4293	0.5707
i130	traning	0	False	0.7547	0.2453
i131	traning	1	True	0.1914	0.8086
i133	test	1	False	0.5295	0.4705
i134	traning	1	False	0.5078	0.4922
i135	traning	1	True	0.3051	0.6949
i136	test	1	True	0.4008	0.5992
i137	traning	1	True	0.3634	0.6366
i138	traning	0	False	0.627	0.373
i139	traning	1	True	0.16	0.84
i140	traning	1	True	0.4126	0.5874
i141	traning	0	False	0.621	0.379
i142	traning	0	True	0.3453	0.6547
i143	traning	1	True	0.3592	0.6408

i144	traning	1	True	0.3496	0.6504
i145	test	1	True	0.4658	0.5342
i146	test	1	True	0.4425	0.5575
i147	traning	1	True	0.3445	0.6555
i148	traning	1	False	0.4886	0.5114
i149	traning	0	True	0.4481	0.5519
i150	traning	1	True	0.2847	0.7153
i151	traning	0	False	0.4826	0.5174
i152	traning	1	True	0.2465	0.7535
i153	traning	1	True	0.3789	0.6211
i154	traning	0	True	0.4356	0.5644
i155	traning	0	False	0.6654	0.3346
i156	traning	0	False	0.7166	0.2834
i157	test	0	False	0.661	0.339
i158	test	1	True	0.4262	0.5738
i159	traning	0	False	0.7103	0.2897
i160	traning	1	True	0.2649	0.7351
i161	traning	0	False	0.7102	0.2898
i162	traning	1	False	0.484	0.516
i163	traning	1	False	0.5173	0.4827
i164	traning	0	False	0.8133	0.1867
i165	traning	1	True	0.2209	0.7791
i166	test	1	False	0.6416	0.3584
i167	traning	0	True	0.4486	0.5514
i168	test	1	True	0.445	0.555
i169	traning	1	True	0.4416	0.5584
i170	traning	0	False	0.6219	0.3781
i171	traning	0	False	0.6915	0.3085
i172	test	1	True	0.3335	0.6665
i173	test	1	True	0.3538	0.6462
i174	traning	1	True	0.3443	0.6557
i175	traning	1	False	0.4965	0.5035
i176	traning	1	True	0.3719	0.6281
i177	test	0	True	0.4136	0.5864
i178	traning	0	False	0.5961	0.4039

i179	traning	0	False	0.5243	0.4757
i180	traning	0	False	0.5519	0.4481
i181	test	1	False	0.5295	0.4705
i182	test	0	False	0.5438	0.4562
i183	traning	1	False	0.5438	0.4562
i184	traning	1	False	0.7702	0.2298
i185	test	0	False	0.7456	0.2544
i186	traning	1	True	0.3225	0.6775
i187	test	0	False	0.5648	0.4352
i188	traning	0	False	0.5863	0.4137
i189	traning	1	True	0.3379	0.6621
i190	traning	1	False	0.5308	0.4692
i191	traning	0	True	0.3972	0.6028
i192	traning	1	True	0.3256	0.6744
i193	traning	1	True	0.2785	0.7215
i194	traning	0	False	0.5158	0.4842
i195	traning	1	True	0.2438	0.7562
i196	traning	1	True	0.3885	0.6115
i197	traning	1	True	0.4749	0.5251
i198	traning	0	False	0.6218	0.3782
i199	traning	1	True	0.3607	0.6393
i200	traning	1	True	0.2455	0.7545
i201	traning	0	False	0.6299	0.3701
i202	traning	1	False	0.5282	0.4718
i203	traning	1	True	0.2947	0.7053
i204	test	1	True	0.4717	0.5283
i205	traning	1	True	0.3243	0.6757
i206	traning	0	False	0.6769	0.3231
i207	test	0	True	0.3168	0.6832
i208	test	0	False	0.4798	0.5202
i209	traning	0	True	0.3687	0.6313
i210	test	0	True	0.2555	0.7445
i211	traning	1	True	0.3077	0.6923
i212	traning	1	False	0.6809	0.3191
i213	test	0	False	0.492	0.508

i214	test	0	False	0.5115	0.4885
i215	traning	1	True	0.2611	0.7389
i216	traning	0	True	0.3879	0.6121
i217	test	0	False	0.6056	0.3944
i218	test	0	False	0.535	0.465
i219	traning	1	True	0.4226	0.5774
i220	traning	1	True	0.2294	0.7706
i221	test	1	False	0.537	0.463
i222	test	1	True	0.4408	0.5592
i223	test	1	True	0.331	0.669
i224	test	1	False	0.5294	0.4706
i225	test	1	True	0.3224	0.6776
i226	traning	1	True	0.2627	0.7373
i227	traning	1	True	0.2168	0.7832
i228	traning	1	True	0.235	0.765
i229	traning	0	False	0.7355	0.2645
i230	traning	1	True	0.2209	0.7791
i231	traning	1	False	0.6322	0.3678
i232	test	0	False	0.7416	0.2584
i233	test	1	True	0.2155	0.7845
i234	traning	0	False	0.5255	0.4745
i235	traning	1	True	0.3214	0.6786

ssm3

Single model evaluation

The data file path:

Dataset distribution

label	training	test	All
0	55	24	79
1	103	46	149
All	158	70	228

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
training	0.9354	0.8481	0.8058	0.9273	0.8737
test	0.6639	0.6429	0.6522	0.625	0.7059

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
1	training	0	False	0.5394	0.4606
2	training	1	True	0.2874	0.7126
3	training	1	False	0.3522	0.6478
4	training	0	True	0.3364	0.6636
5	test	1	False	0.438	0.562
6	test	1	True	0.3488	0.6512
7	test	1	True	0.0976	0.9024
8	training	1	True	0.1038	0.8962
9	training	1	False	0.4606	0.5394
10	training	0	False	0.5276	0.4724
11	training	1	True	0.1835	0.8165
12	training	0	False	0.7349	0.2651
13	training	1	False	0.4321	0.5679
14	training	1	True	0.0438	0.9562
15	training	1	False	0.5019	0.4981
16	training	1	True	0.3022	0.6978
17	test	1	False	0.4325	0.5675
18	training	1	True	0.3193	0.6807
19	test	1	True	0.2964	0.7036
20	training	1	True	0.2629	0.7371
21	test	0	False	0.3504	0.6496
22	training	0	False	0.4808	0.5192
23	training	1	True	0.2596	0.7404
24	test	1	True	0.2365	0.7635
25	training	1	True	0.2243	0.7757
26	training	0	False	0.5057	0.4943
27	training	0	False	0.5556	0.4444
28	training	1	True	0.039	0.961
29	training	1	False	0.3832	0.6168
30	test	1	False	0.7534	0.2466
31	training	1	False	0.4334	0.5666

32	training	0	False	0.5002	0.4998
33	test	0	True	0.2572	0.7428
34	training	1	True	0.3082	0.6918
35	training	1	False	0.3605	0.6395
36	training	0	False	0.4919	0.5081
37	training	0	False	0.5682	0.4318
38	training	1	True	0.2517	0.7483
39	training	0	True	0.2829	0.7171
40	training	1	True	0.3434	0.6566
41	test	1	True	0.2797	0.7203
42	training	1	False	0.4783	0.5217
43	test	0	True	0.1216	0.8784
44	training	1	True	0.3061	0.6939
45	training	0	False	0.4619	0.5381
46	training	0	False	0.4087	0.5913
47	training	1	True	0.2908	0.7092
48	test	0	False	0.4769	0.5231
49	training	1	True	0.0512	0.9488
50	training	1	True	0.3345	0.6655
52	training	1	True	0.2052	0.7948
53	training	1	True	0.2011	0.7989
54	training	1	True	0.0388	0.9612
55	test	1	True	0.3088	0.6912
56	test	1	True	0.1894	0.8106
57	test	1	False	0.3829	0.6171
58	training	1	True	0.2014	0.7986
59	training	1	True	0.2587	0.7413
60	test	1	True	0.1546	0.8454
61	training	1	True	0.1916	0.8084
62	test	0	False	0.7861	0.2139
63	training	1	True	0.1771	0.8229
64	training	1	True	0.0633	0.9367
65	training	1	True	0.1076	0.8924
66	test	1	True	0.2894	0.7106
67	test	1	True	0.1313	0.8687

68	test	1	False	0.3552	0.6448
69	training	1	False	0.3501	0.6499
70	training	1	True	0.1763	0.8237
71	training	0	False	0.7202	0.2798
72	training	1	True	0.242	0.758
73	test	1	True	0.1706	0.8294
74	training	1	True	0.2231	0.7769
75	test	1	True	0.3169	0.6831
76	training	1	False	0.5509	0.4491
77	training	1	True	0.2242	0.7758
78	training	1	True	0.2353	0.7647
79	test	1	False	0.4151	0.5849
80	training	0	False	0.8633	0.1367
81	training	1	True	0.2006	0.7994
82	training	0	False	0.811	0.189
83	test	1	True	0.2745	0.7255
84	training	0	False	0.4143	0.5857
85	training	1	False	0.6072	0.3928
86	training	0	False	0.7322	0.2678
87	test	1	True	0.2014	0.7986
88	test	0	False	0.7905	0.2095
89	test	1	True	0.2036	0.7964
90	test	0	True	0.0368	0.9632
91	training	0	False	0.7903	0.2097
92	training	1	True	0.1863	0.8137
93	training	1	True	0.1982	0.8018
94	training	0	False	0.7526	0.2474
95	training	0	False	0.4059	0.5941
96	test	1	True	0.3411	0.6589
97	training	0	False	0.3594	0.6406
99	training	0	False	0.4582	0.5418
100	test	0	False	0.4021	0.5979
101	training	0	False	0.5991	0.4009
102	training	1	True	0.0622	0.9378
103	test	1	True	0.2643	0.7357

104	training	1	True	0.05	0.95
105	test	1	False	0.4039	0.5961
106	training	1	True	0.1291	0.8709
107	training	1	True	0.1806	0.8194
108	test	1	True	0.2517	0.7483
109	training	0	False	0.4334	0.5666
110	test	0	False	0.7938	0.2062
111	training	1	True	0.2899	0.7101
112	training	0	False	0.8645	0.1355
113	training	0	False	0.6975	0.3025
115	test	0	True	0.2053	0.7947
116	training	1	True	0.2484	0.7516
117	test	1	True	0.2135	0.7865
118	training	1	True	0.2053	0.7947
119	training	1	True	0.3013	0.6987
120	training	1	True	0.1415	0.8585
121	training	1	True	0.0375	0.9625
124	training	1	True	0.0264	0.9736
126	test	1	True	0.1804	0.8196
127	test	0	False	0.3614	0.6386
128	test	1	True	0.2706	0.7294
129	test	1	False	0.5987	0.4013
130	training	1	True	0.1719	0.8281
131	training	1	True	0.2138	0.7862
133	test	1	True	0.0337	0.9663
134	training	1	True	0.2218	0.7782
135	training	1	False	0.4837	0.5163
136	test	1	True	0.0279	0.9721
137	training	0	False	0.5159	0.4841
138	training	0	False	0.6249	0.3751
139	training	1	True	0.0468	0.9532
140	training	0	False	0.6687	0.3313
141	training	1	True	0.194	0.806
142	training	0	False	0.3757	0.6243
143	training	1	True	0.1274	0.8726

144	training	0	False	0.5323	0.4677
145	test	1	True	0.2269	0.7731
146	test	1	True	0.3086	0.6914
147	training	1	True	0.0284	0.9716
148	training	1	True	0.0296	0.9704
149	training	1	True	0.2576	0.7424
150	training	1	True	0.0891	0.9109
151	training	1	True	0.1629	0.8371
152	training	1	True	0.3296	0.6704
153	training	1	True	0.0224	0.9776
154	training	0	False	0.4053	0.5947
155	training	1	True	0.0481	0.9519
156	training	1	False	0.4535	0.5465
157	test	0	True	0.3095	0.6905
158	test	1	False	0.52	0.48
159	training	0	False	0.5069	0.4931
160	training	0	False	0.3707	0.6293
161	training	1	True	0.2423	0.7577
162	training	1	True	0.2081	0.7919
163	training	1	True	0.1702	0.8298
164	training	1	True	0.2647	0.7353
165	training	1	True	0.3323	0.6677
166	test	1	True	0.2268	0.7732
167	training	1	True	0.1273	0.8727
168	test	1	True	0.2697	0.7303
169	training	1	True	0.318	0.682
170	training	1	True	0.1566	0.8434
171	training	1	True	0.1709	0.8291
172	test	1	False	0.5018	0.4982
173	test	1	False	0.4422	0.5578
174	training	1	True	0.2129	0.7871
175	training	1	True	0.2621	0.7379
176	training	0	False	0.7621	0.2379
177	test	0	True	0.1552	0.8448
178	training	1	False	0.3764	0.6236

179	training	1	True	0.3388	0.6612
180	training	1	False	0.4919	0.5081
181	test	1	False	0.5878	0.4122
182	test	0	False	0.5457	0.4543
183	training	1	False	0.5179	0.4821
184	training	1	True	0.1776	0.8224
185	test	0	False	0.831	0.169
186	training	0	False	0.4656	0.5344
187	test	0	False	0.5076	0.4924
188	training	0	False	0.3535	0.6465
189	training	0	True	0.2515	0.7485
190	training	0	False	0.4787	0.5213
191	training	1	True	0.1382	0.8618
192	training	1	True	0.1397	0.8603
193	training	0	False	0.7162	0.2838
194	training	1	True	0.3217	0.6783
195	training	0	False	0.8009	0.1991
196	training	0	False	0.4851	0.5149
197	training	1	True	0.2025	0.7975
198	training	1	True	0.0527	0.9473
199	training	0	True	0.3235	0.6765
200	training	1	True	0.2741	0.7259
201	training	0	False	0.8356	0.1644
202	training	1	False	0.4096	0.5904
203	training	1	False	0.3932	0.6068
204	test	1	False	0.3966	0.6034
205	training	0	False	0.7418	0.2582
206	training	1	True	0.1947	0.8053
207	test	0	True	0.239	0.761
208	test	0	False	0.8064	0.1936
209	training	1	True	0.2932	0.7068
210	test	0	True	0.2979	0.7021
211	training	1	False	0.3656	0.6344
212	training	1	True	0.3465	0.6535
213	test	0	False	0.3864	0.6136

214	test	0	True	0.2967	0.7033
215	training	0	False	0.4924	0.5076
216	training	0	False	0.44	0.56
217	test	0	False	0.5566	0.4434
218	test	0	False	0.4064	0.5936
219	training	0	False	0.4977	0.5023
220	training	0	False	0.5761	0.4239
221	test	1	False	0.5099	0.4901
222	test	1	False	0.3977	0.6023
223	test	1	True	0.3071	0.6929
224	test	1	True	0.2639	0.7361
225	test	1	True	0.2301	0.7699
226	training	0	False	0.6493	0.3507
227	training	0	False	0.8239	0.1761
228	training	0	False	0.6805	0.3195
229	training	1	True	0.0638	0.9362
230	training	1	True	0.1959	0.8041
231	training	1	False	0.5794	0.4206
232	test	0	False	0.7294	0.2706
233	test	1	False	0.3745	0.6255
234	training	0	False	0.5896	0.4104
235	training	0	False	0.7001	0.2999