Multi model evaluation

The data file path:

Dataset distribution

label	training	test	external	All
0	55	24	19	98
1	103	46	26	175
All	158	70	45	273

Evaluation metrics for the results

dataset	auc	accuracy	recall	specificity	f1
training	0.8876	0.8038	0.7864	0.8364	0.8394
test	0.7201	0.7429	0.7826	0.6667	0.8
external	0.747	0.6667	0.8077	0.4737	0.7368

The probability, prediction and label of the dataset

pid	dataset	y_true	y_pred	y_score0	y_score1
i1	training	1	True	0.3443	0.6557
i2	training	1	True	0.2041	0.7959
i3	training	0	False	0.5322	0.4678
i4	training	1	False	0.5078	0.4922
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	training	1	True	0.2901	0.7099
i9	training	1	True	0.2209	0.7791
i10	training	0	False	0.6299	0.3701
i11	training	0	False	0.5519	0.4481
i12	training	1	True	0.2515	0.7485
i13	training	0	True	0.3972	0.6028
i14	training	1	False	0.484	0.516
i15	training	1	True	0.4416	0.5584
i16	training	0	False	0.5961	0.4039
i17	test	1	True	0.3314	0.6686
i18	training	1	True	0.275	0.725
i19	test	1	True	0.3039	0.6961
i20	training	1	False	0.5385	0.4615
i21	test	0	True	0.3921	0.6079
i22	training	0	False	0.6628	0.3372
i23	training	0	True	0.3751	0.6249
i24	test	1	True	0.345	0.655
i25	training	1	True	0.4402	0.5598
i26	training	1	True	0.4214	0.5786
i27	training	1	False	0.7702	0.2298
i28	training	0	True	0.3687	0.6313
i29	training	0	False	0.7102	0.2898
i30	test	1	False	0.5517	0.4483
i31	training	1	True	0.1545	0.8455

i32	training	0	False	0.7677	0.2323
i33	test	0	False	0.5511	0.4489
i34	training	1	True	0.4199	0.5801
i35	training	1	True	0.2947	0.7053
i36	training	1	True	0.4581	0.5419
i37	training	1	True	0.4487	0.5513
i38	training	0	False	0.4826	0.5174
i39	training	1	False	0.5438	0.4562
i40	training	0	False	0.6885	0.3115
i41	test	1	True	0.4514	0.5486
i42	training	0	False	0.7547	0.2453
i43	test	0	True	0.3423	0.6577
i44	training	1	True	0.2438	0.7562
i45	training	1	True	0.2446	0.7554
i46	training	1	True	0.4291	0.5709
i47	training	0	False	0.5578	0.4422
i48	test	0	True	0.4146	0.5854
i49	training	1	True	0.353	0.647
i50	training	0	False	0.8071	0.1929
i52	training	1	False	0.6809	0.3191
i53	training	1	True	0.3839	0.6161
i54	training	1	True	0.3361	0.6639
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	training	1	True	0.4741	0.5259
i59	training	1	True	0.4572	0.5428
i60	test	1	False	0.6044	0.3956
i61	training	0	False	0.8423	0.1577
i62	test	0	False	0.7626	0.2374
i63	training	1	True	0.3607	0.6393
i64	training	1	True	0.2937	0.7063
i65	training	1	True	0.2465	0.7535
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	training	1	True	0.3514	0.6486
i70	training	0	False	0.5797	0.4203
i71	training	1	True	0.4163	0.5837
i72	training	1	False	0.4965	0.5035
i73	test	1	True	0.4496	0.5504
i74	training	1	True	0.4138	0.5862
i75	test	1	True	0.3431	0.6569
i76	training	1	True	0.3434	0.6566
i77	training	1	False	0.5282	0.4718
i78	training	1	True	0.2627	0.7373
i79	test	1	False	0.6069	0.3931
i80	training	0	False	0.6769	0.3231
i81	training	0	True	0.4486	0.5514
i82	training	1	True	0.4002	0.5998
i83	test	1	True	0.3822	0.6178
i84	training	1	True	0.2455	0.7545
i85	training	1	False	0.4777	0.5223
i86	training	0	False	0.7166	0.2834
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	training	1	True	0.3225	0.6775
i92	training	1	True	0.2209	0.7791
i93	training	1	True	0.235	0.765
i94	training	0	True	0.3879	0.6121
i95	training	1	True	0.3445	0.6555
i96	test	1	True	0.2404	0.7596
i97	training	1	True	0.3784	0.6216
i99	training	1	False	0.6699	0.3301
i100	test	0	True	0.47	0.53
i101	training	0	False	0.6654	0.3346
i102	training	1	True	0.2719	0.7281
i103	test	1	True	0.3458	0.6542

i104	training	1	False	0.5	0.5
i105	test	1	True	0.2825	0.7175
i106	training	1	True	0.4741	0.5259
i107	training	1	True	0.2168	0.7832
i108	test	1	True	0.4023	0.5977
i109	training	1	False	0.5308	0.4692
i110	test	0	False	0.855	0.145
i111	training	0	False	0.6915	0.3085
i112	training	0	False	0.8234	0.1766
i113	training	0	False	0.627	0.373
i115	test	0	False	0.4953	0.5047
i116	training	1	True	0.2847	0.7153
i117	test	1	True	0.3796	0.6204
i118	training	1	False	0.4886	0.5114
i119	training	0	False	0.5546	0.4454
i120	training	1	True	0.3963	0.6037
i121	training	0	False	0.5255	0.4745
i124	training	0	True	0.4356	0.5644
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	training	1	False	0.4957	0.5043
i131	training	0	False	0.5158	0.4842
i133	test	1	False	0.5295	0.4705
i134	training	1	True	0.3056	0.6944
i135	training	1	False	0.5173	0.4827
i136	test	1	True	0.4008	0.5992
i137	training	1	True	0.3077	0.6923
i138	training	1	True	0.4749	0.5251
i139	training	0	False	0.7217	0.2783
i140	training	1	True	0.3885	0.6115
i141	training	1	True	0.4226	0.5774
i142	training	0	False	0.6583	0.3417
i143	training	0	False	0.7953	0.2047

i144	training	1	False	0.5764	0.4236
i145	test	1	True	0.4658	0.5342
i146	test	1	True	0.4425	0.5575
i147	training	1	True	0.2611	0.7389
i148	training	1	False	0.5044	0.4956
i149	training	1	True	0.4001	0.5999
i150	training	0	False	0.6057	0.3943
i151	training	1	True	0.3306	0.6694
i152	training	0	False	0.7355	0.2645
i153	training	1	True	0.3889	0.6111
i154	training	1	False	0.7321	0.2679
i155	training	1	True	0.3634	0.6366
i156	training	1	True	0.2649	0.7351
i157	test	0	False	0.661	0.339
i158	test	1	True	0.4262	0.5738
i159	training	1	False	0.608	0.392
i160	training	1	True	0.3256	0.6744
i161	training	0	False	0.6219	0.3781
i162	training	1	True	0.469	0.531
i163	training	0	False	0.8163	0.1837
i164	training	1	True	0.4273	0.5727
i165	training	0	False	0.4979	0.5021
i166	test	1	False	0.6416	0.3584
i167	training	0	False	0.5957	0.4043
i168	test	1	True	0.445	0.555
i169	training	0	False	0.49	0.51
i170	training	0	False	0.851	0.149
i171	training	0	False	0.7103	0.2897
i172	test	1	True	0.3335	0.6665
i173	test	1	True	0.3538	0.6462
i174	training	1	True	0.3844	0.6156
i175	training	1	True	0.1586	0.8414
i176	training	1	True	0.3379	0.6621
i177	test	0	True	0.4136	0.5864
i178	training	0	False	0.5703	0.4297

i179	training	1	True	0.333	0.667
i180	training	1	True	0.1914	0.8086
i181	test	1	False	0.5295	0.4705
i182	test	0	False	0.5438	0.4562
i183	training	1	True	0.1747	0.8253
i184	training	0	False	0.5507	0.4493
i185	test	0	False	0.7456	0.2544
i186	training	0	False	0.6279	0.3721
i187	test	0	False	0.5648	0.4352
i188	training	1	True	0.2294	0.7706
i189	training	1	True	0.3496	0.6504
i190	training	1	True	0.3051	0.6949
i191	training	1	True	0.2261	0.7739
i192	training	1	True	0.3592	0.6408
i193	training	1	True	0.3987	0.6013
i194	training	1	True	0.4126	0.5874
i195	training	1	True	0.3309	0.6691
i196	training	0	False	0.8133	0.1867
i197	training	0	False	0.6218	0.3782
i198	training	0	True	0.3453	0.6547
i199	training	1	True	0.3214	0.6786
i200	training	1	True	0.1518	0.8482
i201	training	1	True	0.3535	0.6465
i202	training	1	True	0.2785	0.7215
i203	training	0	True	0.4614	0.5386
i204	test	1	True	0.4717	0.5283
i205	training	1	True	0.16	0.84
i206	training	0	False	0.7403	0.2597
i207	test	0	True	0.3168	0.6832
i208	test	0	False	0.4798	0.5202
i209	training	1	True	0.2488	0.7512
i210	test	0	True	0.2555	0.7445
i211	training	0	False	0.569	0.431
i212	training	1	True	0.369	0.631
i213	test	0	False	0.492	0.508

i214	test	0	False	0.5115	0.4885
i215	training	1	False	0.5132	0.4868
i216	training	1	True	0.3243	0.6757
i217	test	0	False	0.6056	0.3944
i218	test	0	False	0.535	0.465
i219	training	1	True	0.3789	0.6211
i220	training	1	True	0.3719	0.6281
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	training	0	False	0.621	0.379
i227	training	1	False	0.6322	0.3678
i228	training	0	False	0.5243	0.4757
i229	training	1	True	0.4444	0.5556
i230	training	0	False	0.6079	0.3921
i231	training	0	True	0.4481	0.5519
i232	test	0	False	0.7416	0.2584
i233	test	1	True	0.2155	0.7845
i234	training	0	False	0.5863	0.4137
i235	training	1	False	0.7332	0.2668
w1	external	1	True	0.2694	0.7306
w2	external	0	False	0.6229	0.3771
w3	external	0	True	0.3508	0.6492
w4	external	1	True	0.3918	0.6082
w5	external	1	True	0.3847	0.6153
w6	external	0	False	0.6387	0.3613
w7	external	1	True	0.3427	0.6573
w8	external	0	True	0.1483	0.8517
w9	external	1	True	0.1666	0.8334
w10	external	1	True	0.3184	0.6816
w11	external	1	True	0.1613	0.8387
w12	external	0	True	0.4215	0.5785
w13	external	1	True	0.2544	0.7456

w14	external	1	False	0.626	0.374
w15	external	1	True	0.254	0.746
w16	external	0	False	0.7305	0.2695
w17	external	0	True	0.444	0.556
w18	external	1	True	0.2254	0.7746
w19	external	1	True	0.1557	0.8443
w20	external	1	True	0.4119	0.5881
w21	external	1	True	0.2704	0.7296
w22	external	1	True	0.206	0.794
w23	external	1	False	0.4973	0.5027
w24	external	0	False	0.5282	0.4718
w25	external	0	False	0.5169	0.4831
w26	external	1	True	0.2908	0.7092
w27	external	0	True	0.3994	0.6006
w28	external	1	False	0.4791	0.5209
w29	external	1	True	0.2377	0.7623
w30	external	0	True	0.4161	0.5839
w31	external	0	True	0.3319	0.6681
w32	external	0	False	0.4778	0.5222
w33	external	1	False	0.5755	0.4245
w34	external	1	True	0.3568	0.6432
w35	external	0	True	0.2679	0.7321
w36	external	1	True	0.4274	0.5726
w37	external	1	True	0.3062	0.6938
w38	external	1	True	0.2282	0.7718
w39	external	0	False	0.634	0.366
w40	external	0	False	0.6049	0.3951
w41	external	0	True	0.4557	0.5443
w42	external	0	True	0.3841	0.6159
w43	external	0	False	0.4801	0.5199
w44	external	1	False	0.5851	0.4149
w45	external	1	True	0.4286	0.5714