

Figure S1 The receiver operating characteristic curves of galactomannan in diagnosing invasive pulmonary aspergillosis. (A) The receiver operating characteristic curve of serum galactomannan; (B) the receiver operating characteristic curve of bronchoalveolar lavage fluid galactomannan. BALF, bronchoalveolar lavage fluid; GM, galactomannan.

Table S1 Comparison of different variables in diagnosing IPA

Variable	Difference between areas	SE	95% CI	P
Serum_GM vs. BALF_GM	0.05	0.06	-0.06 to 0.16	0.39
Serum_GM vs. adjusted BALF_GM	0.12	0.05	0.03 to 0.22	0.02
Serum_GM vs. plasma_PTX3	0.12	0.06	0.01 to 0.23	0.04
Serum_GM vs. BALF_PTX3	0.16	0.06	0.04 to 0.27	0.01
Serum_GM vs. adjusted BALF_PTX3	0.17	0.06	0.06 to 0.29	0.01
BALF_GM vs. adjusted BALF_GM	0.07	0.05	-0.02 to 0.16	0.11
BALF_GM vs. plasma_PTX3	0.07	0.06	-0.04 to 0.17	0.23
BALF_GM vs. BALF_PTX3	0.11	0.05	0.02 to 0.20	0.02
BALF_GM vs. adjusted _BALF_PTX3	0.12	0.05	0.03 to 0.22	0.01
Adjusted _BALF_GM vs. Plasma_PTX3	0.01	0.05	-0.08 to 0.09	0.88
Adjusted _BALF_GM vs. BALF_PTX3	0.03	0.04	-0.04 to 0.11	0.38
Adjusted _BALF_GM vs. adjusted _BALF_PTX3	0.05	0.04	-0.03 to 0.13	0.23
Plasma_PTX3 vs. BALF_PTX3	0.04	0.04	-0.05 to 0.13	0.35
Plasma_PTX3 vs. adjusted _BALF_PTX3	0.06	0.04	-0.02 to 0.14	0.17
BALF_PTX3 vs. adjusted _BALF_PTX3	0.02	0.04	-0.06 to 0.09	0.66

IPA, invasive pulmonary aspergillosis; BALF, bronchoalveolar lavage fluid; CI, confidence interval; GM, galactomannan; PTX3, pentraxin 3; SE, standard error.

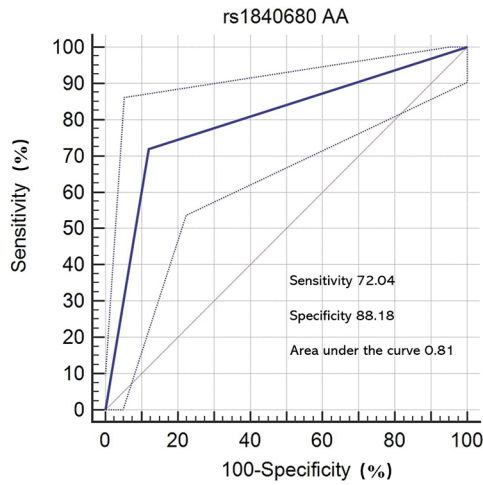


Figure S2 The receiver operating characteristic curves of rs1840680 AA in diagnosing invasive pulmonary aspergillosis.

Table S2 Comparison of different algorithms in diagnosing IPA

Variable	Difference between areas	SE	95% CI	P
Algorithms_1 vs. Algorithms_2	0.07	0.06	-0.04 to 0.17	0.24
Algorithms_1 vs. Algorithms_3	0.11	0.05	0.01 to 0.20	0.04
Algorithms_1 vs. Algorithms_4	0.17	0.05	0.07 to 0.27	0.01
Algorithms_1 vs. Algorithms_5	0.23	0.05	0.13 to 0.33	0.01
Algorithms_1 vs. Algorithms_6	0.25	0.05	0.15 to 0.34	0.01
Algorithms_2 vs. Algorithms_3	0.04	0.02	-0.01 to 0.08	0.07
Algorithms_2 vs. Algorithms_4	0.11	0.04	0.03 to 0.18	0.01
Algorithms_2 vs. Algorithms_5	0.17	0.04	0.09 to 0.23	0.01
Algorithms_2 vs. Algorithms_6	0.19	0.04	0.12 to 0.25	0.01
Algorithms_3 vs. Algorithms_4	0.07	0.04	-0.02 to 0.15	0.14
Algorithms_3 vs. Algorithms_5	0.13	0.04	0.04 to 0.21	0.01
Algorithms_3 vs. Algorithms_6	0.15	0.04	0.07 to 0.22	0.01
Algorithms_4 vs. Algorithms_5	0.06	0.02	0.01 to 0.11	0.01
Algorithms_4 vs. Algorithms_6	0.08	0.03	0.03 to 0.13	0.01
Algorithms_5 vs. Algorithms_6	0.02	0.01	-0.01 to 0.05	0.15

IPA, invasive pulmonary aspergillosis; CI, confidence interval; SE, standard error.

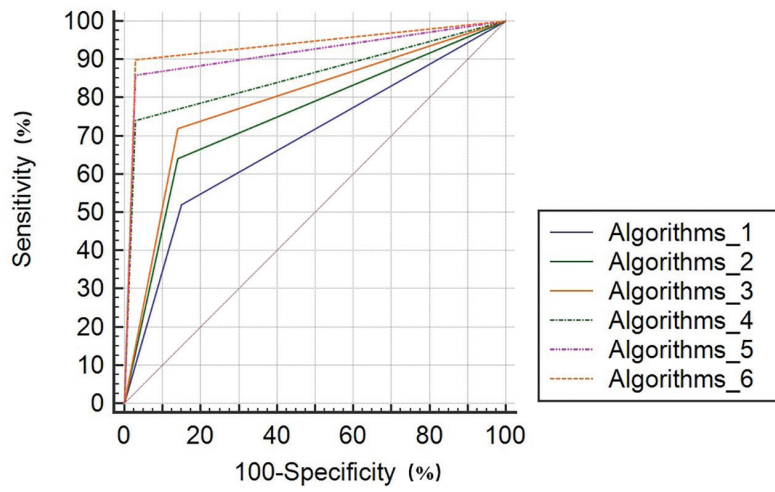


Figure S3 The receiver operating characteristic curves of different algorithms in diagnosing invasive pulmonary aspergillosis.