

Category	Method	Accuracy	Brier score	Damage state	Recall	Precision	AUC of ROC
Ground cracks	BN	0.909	0.070	Yes	0.742	0.920	0.780
				None	0.975	0.920	0.962
	ANN	0.873	0.091	Yes	0.581	0.947	0.641
				None	0.987	0.857	0.949
Sand boils	BN	0.918	0.106	Many	0.932	0.911	0.558
				Medium	–	–	–
				Less	0.857	0.857	0.667
	ANN	0.736	0.130	None	0.932	0.948	0.982
				Many	0.591	0.813	0.652
				Medium	–	–	–
				Less	0.000	0.000	0.000
None	0.932	0.733	0.973				
Settlement	BN	0.836	0.110	Big	0.867	0.703	0.845
				Medium	0.815	0.957	0.745
				Small	1.000	0.600	1.000
				None	0.840	0.933	1.000
	ANN	0.745	0.130	Big	0.667	0.741	0.815
				Medium	0.444	0.857	0.542
				Small	0.000	0.000	0.000
				None	1.000	0.735	1.000
	JI&Y Simplified Method	0.727	–	Big	0.862	1.000	–
				Medium	0.778	0.840	–
Small				0.667	0.069	–	
None				0.600	1.000	–	
Lateral spreading	BN	0.955	0.024	Big	1.000	0.286	1.000
				Medium	–	–	–
				Small	–	–	–
	ANN	0.982	0.018	None	0.954	1.000	1.000
				Big	0.000	–	0.000
				Medium	–	–	–
				Small	–	–	–
None	1.000	0.982	1.000				
Severity of liquefaction-induced hazards	BN	0.936	0.124	Severe	0.935	0.967	0.879
				Medium	0.857	0.900	0.626
				Minor	0.875	0.700	1.000
				None	0.980	0.980	0.980
	ANN	0.718	0.117	Severe	0.710	0.710	0.785
				Medium	0.333	0.636	0.776
				Minor	0.000	0.000	0.000
				None	1.000	0.746	1.000