

Appendix 3

Table A3.3: Result of model evaluation according to TSS (true skill statistic), Threshold and AUC value for each algorithm.

Algorithm	Threshold	AUC	TSS
BIOCLIM	0.0475191	0.823	0.589
BIOCLIM	0.0475191	0.7969	0.533
BIOCLIM	0.0379952	0.8133	0.544
BIOCLIM	0.0284714	0.8294	0.611
BIOCLIM	0.0808524	0.8617	0.7
BIOCLIM	0.0665667	0.813	0.644
BIOCLIM	0.0713286	0.8563	0.6
BIOCLIM	0.0237095	0.8898	0.667
BIOCLIM	0.0475191	0.8101	0.556
BIOCLIM	0.0284714	0.8252	0.578
GOWER	0.5311748	0.8497	0.589
GOWER	0.5288443	0.7622	0.556
GOWER	0.5289337	0.7698	0.544
GOWER	0.5206949	0.8111	0.567
GOWER	0.551321	0.8322	0.6
GOWER	0.5283914	0.8126	0.578
GOWER	0.5099529	0.7926	0.544
GOWER	0.5359615	0.8822	0.7
GOWER	0.5234998	0.8028	0.533
MAXENT	0.429548	0.8737	0.689
MAXENT	0.5373038	0.8863	0.722
MAXENT	0.4750426	0.869	0.667
MAXENT	0.4994759	0.8674	0.678
MAXENT	0.471922	0.8673	0.744
MAXENT	0.4417572	0.8727	0.7
MAXENT	0.4527299	0.8936	0.678
MAXENT	0.498503	0.9109	0.744
MAXENT	0.5093525	0.8811	0.689
MAXENT	0.4060642	0.8758	0.656
SVM	0.618196	0.9141	0.722
SVM	0.6344363	0.9065	0.744
SVM	0.6196699	0.8826	0.711
SVM	0.707109	0.9181	0.744
SVM	0.4946061	0.8958	0.756
SVM	0.4008957	0.8931	0.722
SVM	0.6751981	0.9131	0.756

SVM	0.712212	0.9372	0.822
SVM	0.8114853	0.8868	0.667
SVM	0.6167689	0.8836	0.711