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Characterisation of range restriction amongst the rare flora of Banded Ironstone Formation ranges in semiarid south-western Australia

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Table S2. Model accuracy statistics including the threshold used to dichotomise suitable and unsuitable habitat.

See main text for information on sets.

Set	Species	Presence Data Points			Model Accuracy					Suitable Habitat			
		N	On-BIF (%)	Off-BIF (%)	AUC ¹	TPR ²	FPR ³	OPS ⁴	Threshold	Study Area (Ha)	Study Area (%) ⁵	On-BIF (Ha) ⁶	On-BIF (%) ⁷
Set 1	<i>Acacia Adinophylla</i>	1 160	69	31	0.96	0.93	0.11	91.0	0.26	18 888	12	3 958	21
	<i>Acacia shapelleae</i> Maslin	81	100	0	1.00	1.00	0.00	100.0	0.04	3 258	2	1 747	54
	<i>Banksia arborea</i>	3 084	87	13	0.99	0.99	0.05	97.0	0.25	7 860	5	3 670	47
	<i>Beyeria rostellata</i>	43	46	54	0.81	0.56	0.11	72.5	0.25	9 438	6	2 455	26
	<i>Eucalyptus formanii</i>	72	75	25	0.94	0.75	0.01	87.0	0.34	1 839	1	1 414	77
	<i>Grevillea erectiloba</i>	257	85	15	0.98	0.85	0.02	91.5	0.10	7 196	4	3 161	44
	<i>Grevillea georgeana</i>	1 242	92	8	0.99	0.94	0.03	95.5	0.28	5 083	3	3 142	62
	<i>Hibbertia lepidocalyx</i>	2 350	88	12	0.99	0.97	0.04	96.5	0.24	8 626	5	3 544	41
	<i>Lepidosperma bungalbin</i>	208	100	0	0.99	1.00	0.02	99.0	0.08	2 895	2	1 668	58
	<i>Lepidosperma ferricola</i>	199	100	0	1.00	1.00	0.01	99.5	0.07	1 263	<1	939	74
	<i>Leucopogon spectabilis</i>	204	100	0	1.00	1.00	0.01	99.5	0.09	1 414	<1	1 204	85
	<i>Mirbelia ferricola</i>	850	91	9	0.99	0.99	0.04	97.5	0.17	5 441	3	2 968	55
	<i>Neurachne annularis</i>	2 435	80	20	0.98	0.94	0.07	93.5	0.26	11 929	7	4 011	34
	<i>Stenanthemum newbeyi</i>	3 888	76	24	0.99	0.99	0.07	96.0	0.26	11 230	7	4 008	36
<i>Tetralthea aphylla</i>	1 733	100	0	0.99	0.99	0.02	98.5	0.22	3 421	2	2 433	71	
Set 2	<i>Tetralthea harperi</i>	68	94	6	0.99	0.96	0.00	98.0	0.05	3 368	2	2 246	67
Set 3	<i>Hysterobaeckea cornuta</i>	51	0	100	0.82	0.76	0.22	77.0	0.36	40 514	25	0	0
	<i>Teucrium disjunctum</i>	95	0	100	0.86	0.96	0.3	83.0	0.39	64 735	40	1 618	22

¹Area under the curve (AUC) is a summary statistic used to indicate model performance. An AUC of 1 indicates a model that can perfectly discriminate between presence and absence and 0.5 is equivalent to random discrimination.

²True Positive Rate (TPR) is the fraction of presence locations found at the threshold identified.

³False Positive Rate (FPR) is the fraction of absence points which are found within locations predicted to be suitable after applying the threshold identified. See also Note 5.

⁴Overall Prediction Success (OPS) is the percentage of points correctly classified.