

Supplementary Material S6: Model validation matrices for the Random Forest habitat model of raptors.

Species	Performance index	Value
Greater Spotted Eagle	Area Under Curve	0.79
	Kappa	0.59
	True Skill Statistics	0.60
	Out of Box error rate	0.26
	Model error variance	0.0001
	Sensitivity	0.72
	Specificity	0.75
	Significance	0.001
Indian Spotted Eagle	Area Under Curve	0.73
	Kappa	0.47
	True Skill Statistics	0.47
	Out of Box error rate	0.15
	Model error variance	0.0001
	Sensitivity	0.81
	Specificity	0.86
	Significance	0.001
Western Marsh Harrier Male	Area Under Curve	0.73
	Kappa	0.45
	True Skill Statistics	0.44
	Out of Box error rate	0.16
	Model error variance	0.0001
	Sensitivity	0.75
	Specificity	0.90
	Significance	0.0001
Pallid Harrier Female	Area Under Curve	0.64
	Kappa	0.28
	True Skill Statistics	0.29
	Out of Box error rate	0.35

Species	Performance index	Value
	Model error variance	0.001
	Sensitivity	0.60
	Specificity	0.68
	Significance	0.10
Tawny Eagle	Area Under Curve	0.61
	Kappa	0.22
	True Skill Statistics	0.35
	Out of Box error rate	0.38
	Model error variance	0.001
	Sensitivity	0.30
	Specificity	0.91
	Significance	0.10