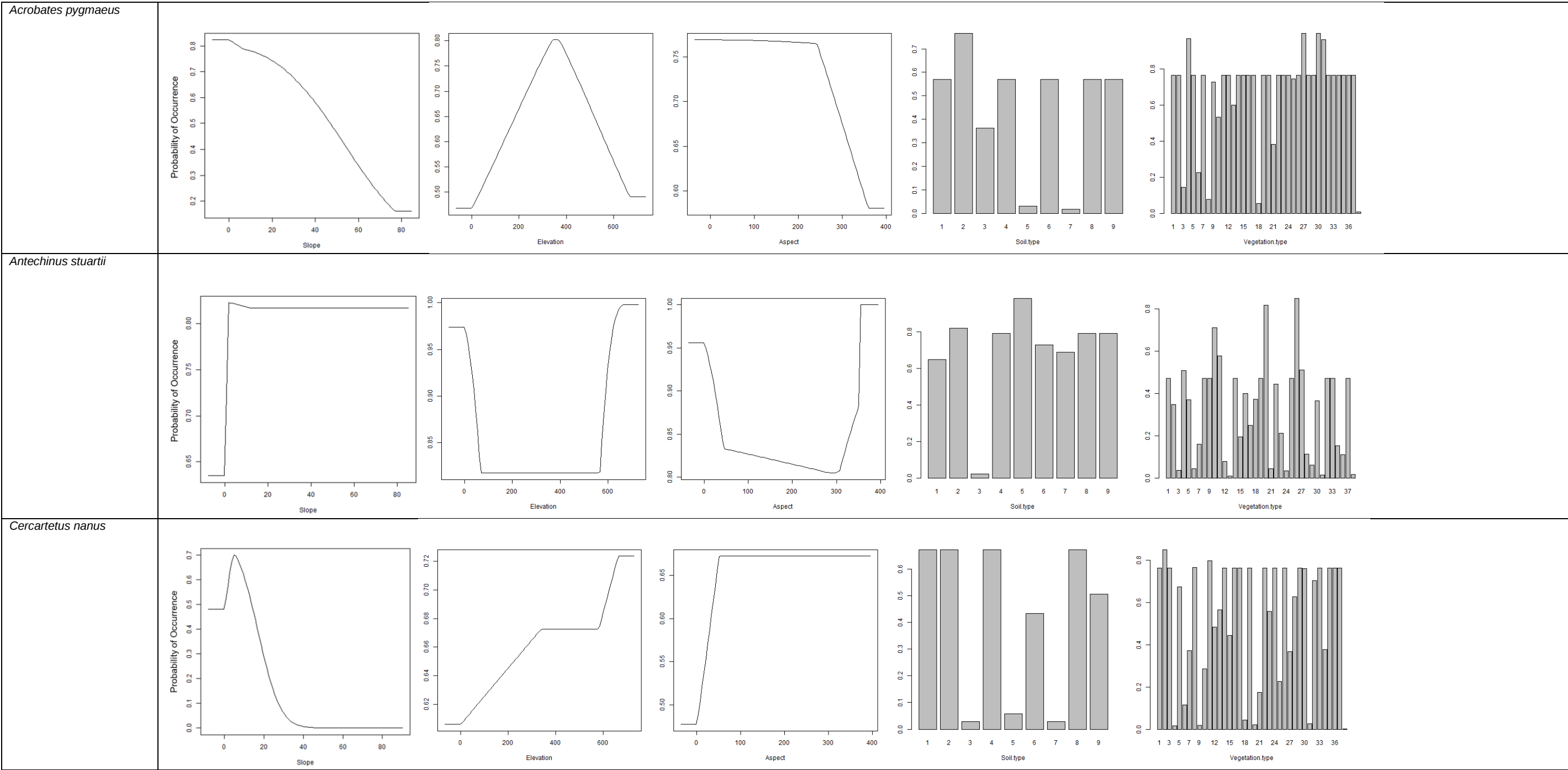


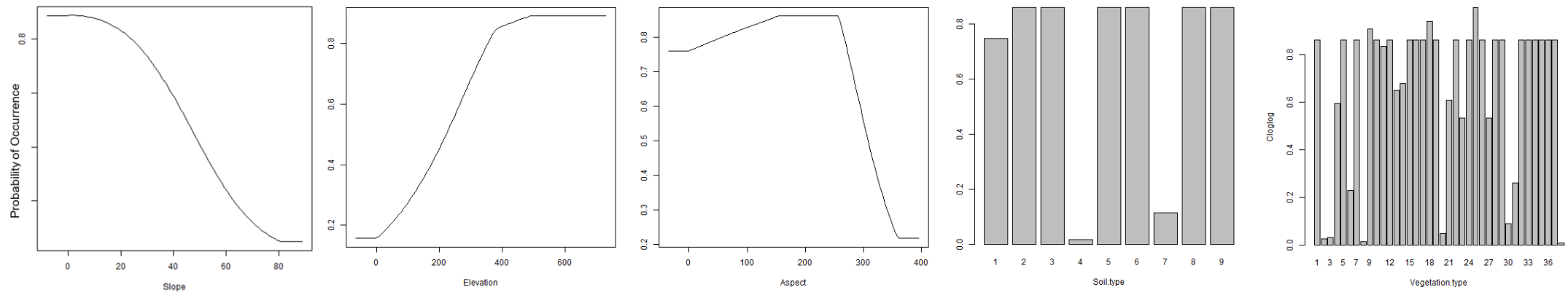
Supplementary material 1. Results table for species distribution model evaluations for eight arboreal species and their response curves.

Species	rm	fc	tune.args	auc.train	cbi.train	auc.diff.avg	auc.diff.sd	auc.val.avg	auc.val.sd	cbi.val.avg	cbi.val.sd	or.10p.avg	or.10p.sd	or.mtp.avg	or.mtp.sd	AICc	delta.AICc	w.AIC	ncoef
<i>Acrobates pygmaeus</i>	2	LQH	rm.2_fc.LQH	0.881907	0.854	0.195931	0.125155	0.684355	0.154495	0.3155	0.4969	0.1875	0.239357	0.125	0.144338	413.5092	5.79471	0.012745	5
<i>Antechinus stuartii</i>	1	H	rm.1_fc.H	0.8188	0.838	0.071934	0.006532	0.756833	0.007376	0.507	0.231931	0.445055	0.023311	0	0	530.4892	0	0.291005	5
<i>Cercartetus nanus</i>	1.5	LQH	rm.1.5_fc.LQH	0.983962	0.898	0.097802	0.106353	0.813494	0.103526	-0.02675	0.554344	0.229167	0.314576	0.229167	0.314576	406.6852	9.97383	1.60E-16	9
<i>Petauroides volans</i>	1	LQH	rm.1_fc.LQH	0.80928264	0.864	0.231766	0.256005772	0.669252	0.234697	0.04725	0.647376	0.525	0.363496396	0.483333	0.422952	911.9649	18.42027	4.81E-51	18
<i>Petaurus breviceps</i>	1	H	rm.1_fc.H	0.810103	0.86	0.106986	0.087958	0.726606	0.087227	-0.11525	0.309889	0.288194	0.235532	0.03125	0.0625	943.6616	29.94893	1.60E-09	15
<i>Pseudocheirus peregrinus</i>	1	LQ	rm.1_fc.LQ	0.828292	0.823	0.135491	0.098346	0.636654	0.129175	-0.143	0.560832	0.184091	0.305178	0.070455	0.087944	1131.095	2.169132	0.057382	4
<i>Trichosurus cunninghami</i>	1	L	rm.1_fc.L	0.907073	0.958	0.008482	0.005178	0.700517	0.000206	-0.055	0.019799	0.1	0.141421	0.1	0.141421	646.8552	0	0.352348	2
<i>Trichosurus vulpecula</i>	3	LQHP	rm.3_fc.LQHP	0.922179	0.966	0.079242	0.026122	0.79007	0.04814	0.214	0.270655	0.204464	0.167143	0.10625	0.141973	998.9493	1.534703	0.120338	6

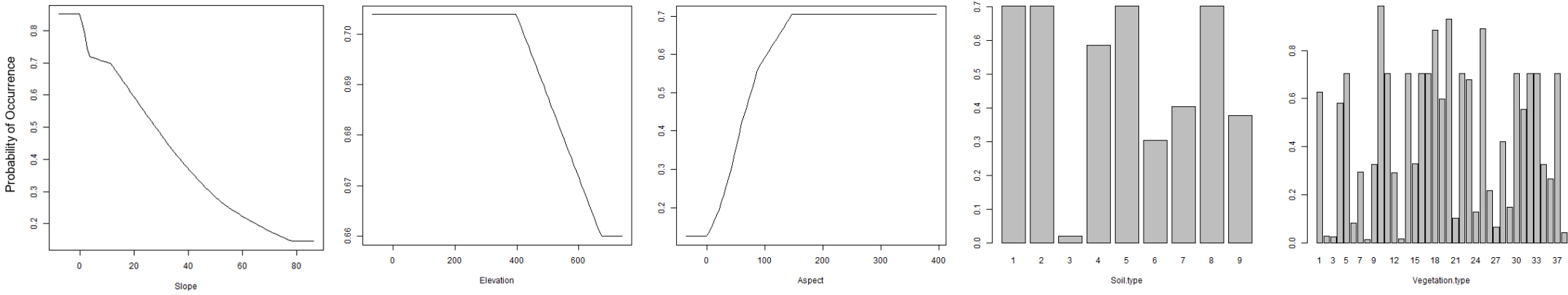
Response curves:



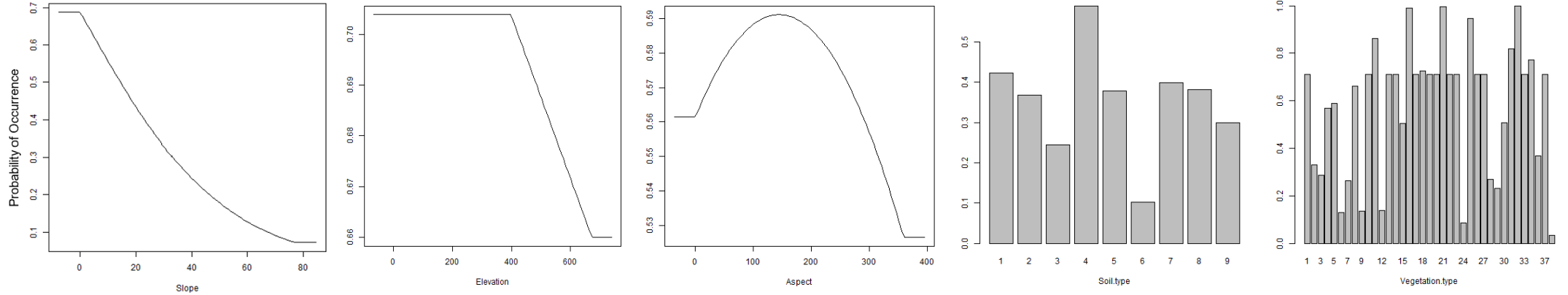
Petauroides volans



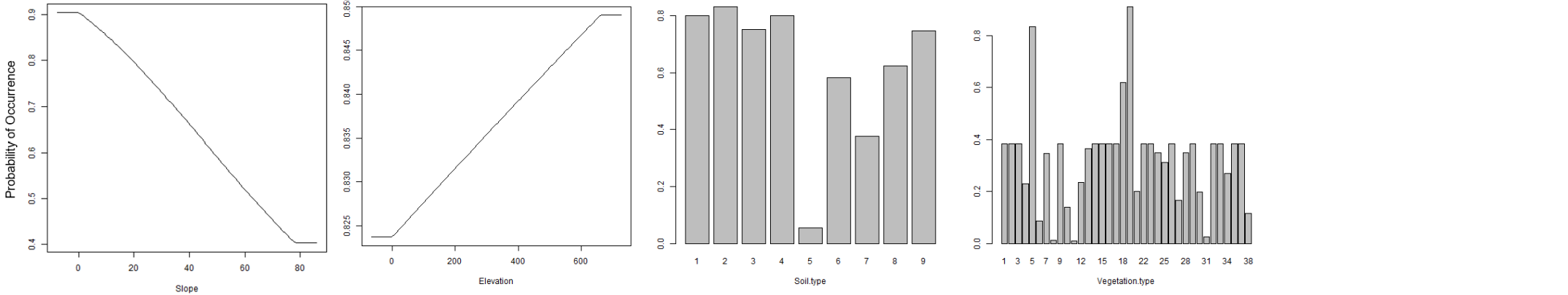
Petaurus breviceps



Pseudocheirus peregrinus



Trichosurus cunninghami



Trichosurus vulpecula

