

Table S3: GLM Model Results

GLM models were fitted with all combinations of up to 5 predictors, with region area included in all models. The top 5 models of 105 models, based on AIC are shown, with their standardized parameter values and Akaike weight. The top model has by far the greatest support, with a weight of 0.97.

(Intercept)	Dynamic stability	Static stability	Mean annual temperature	Mean annual precipitation	Driest quarter precipitation	Current rainforest SDM	Topographic roughness	Region area	Delta AIC	Weight
0	0.3650	-	-	0.0895	-	0.3054	0.1848	-0.5421	0	0.97333
0	0.4302	-0.1093	-	-	-	0.4064	0.1707	-0.5654	7.572	0.02208
0	0.4267	-	-	-	-0.0718	0.3613	0.1564	-0.5638	10.846	0.00429
0	0.3931	-	0.0506	-	-	0.3420	0.1809	-0.5494	16.572	0.00024
0	0.3911	-	-	-	-	0.3464	0.1667	-0.5852	19.908	4.63E-05