

S2 Table. Regional samples sizes (sites per region) for the amphibian chytrid fungus (*Batrachochytrium dendrobatidis*, *Bd*), chytrid occurrence probabilities, and validation results based on random forest models trained on combined worldwide data. AUC = area under the receiver-operator curve.

Region	Sample size		Mean accuracy	AUC
	(no. sites)	% <i>Bd</i>-detected sites		
Africa	333	0.3544	0.9550	0.9886
Asia	419	0.1718	0.9761	0.9981
Australasia	847	0.4451	0.8737	0.9488
Caribbean	28	0.6429	1.0000	1.0000
Central America	27	0.6296	0.9630	1.0000
Europe	770	0.3039	0.8623	0.9458
North America	2333	0.4483	0.8933	0.9635
South America	210	0.5429	0.9429	0.9938