

	Simulated	Mosquitos	Eucalypts	Frogs	Fungi
data type	presence-absence	presence-absence	presence-absence	presence-absence	presence-absence
distribution	bernoulli	bernoulli	bernoulli	bernoulli	bernoulli
n.sites	300	167	455	104	438
n.species	100	16	12	9	11
n.latent	2	2	2	2	2
n.col.X	3	14	8	4	13
n.traits	0	0	0	0	0
n.obs	30000	2672	5460	936	4818
n.param	1400	757	1485	366	1479
n.mcmc	20000	20000	20000	20000	20000
Computation time (secondes)					
boral	51405	3285	1806	93	2736
Hmsc	264	62	77	42	87
jSDM	117	15	28	6	28
Deviance					
boral	25210	1385	2134	318	1847
Hmsc	25392	1768	2632	376	1836
jSDM	25275	1423	2159	296	1603
Sensitivity					
boral	0.8	0.73	0.8	0.61	0.76
Hmsc	0.8	0.69	0.71	0.61	0.79
jSDM	0.8	0.73	0.84	0.64	0.85
Specificity					
boral	0.8	0.93	0.96	0.94	0.96
Hmsc	0.8	0.9	0.94	0.95	0.96
jSDM	0.8	0.93	0.97	0.96	0.97
TSS					
boral	0.6	0.65	0.77	0.55	0.72
Hmsc	0.6	0.59	0.65	0.55	0.75
jSDM	0.6	0.66	0.81	0.61	0.82