

**Table S4.****(a) Northern Indian Ocean**

	UAE	Oman	Maldives	Thailand	Aceh	XmasIs	Seribu	Krakatau
Oman	0.010							
Maldives	<b>0.551</b>	<b>0.505</b>						
Thailand	<b>0.776</b>	<b>0.757</b>	<b>0.157</b>					
Aceh	<b>0.741</b>	<b>0.716</b>	0.077	0.039				
Christmas Island	<b>0.893</b>	0.905	0.433	0.372	<b>0.454</b>			
Seribu	<b>0.777</b>	<b>0.756</b>	0.129	-0.037	0.025	0.401		
Krakatau	<b>0.799</b>	0.776	0.116	-0.050	0.002	0.333	-0.005	
Karimunjawa	<b>0.796</b>	<b>0.777</b>	0.068	0.075	-0.010	0.524	-0.002	0.021

Values in bold were significant after Bonferroni correction:  $p < 0.00139$ .

**(b) Southern Indian Ocean**

	UAE	Oman	Chagos	CocosIs	SthAfrica	Kenya	Mauritius	Reunion	Mayotte	NthMadagascar
Oman	0.000									
Chagos	0.070	0.149								
CocosIs	0.623	0.508	0.249							
SthAfrica	0.032	0.086	-0.013	0.174						
Kenya	-0.059	0.091	-0.017	0.144	0.013					
Mauritius	0.399	0.263	0.069	0.545	-0.012	0.079				
Reunion	0.116	0.178	-0.059	0.306	-0.035	-0.015	0.177			
Mayotte	-0.108	0.054	0.005	0.167	0.021	-0.002	0.137	-0.015		
NthMadagascar	-0.143	0.016	-0.020	0.177	0.029	-0.023	0.117	0.006	-0.037	
SthMadagascar	-0.042	-0.667	0.165	0.444	0.148	0.128	0.258	0.194	0.122	0.049

Values in bold were significant after Bonferroni correction:  $p < 0.0009$ .