

Supplementary Materials

Species	Factor	df	SS	MS	F	p
<i>Cheatodon vagabundus</i>	Island/ Non-island	1	0.395057	0.395057	7.65022	0.012733
	Reef(Island/ Non-island)	4	0.184027	0.046007	0.89092	0.489428
	Error	18	0.929518	0.051640		
<i>Cheatodon rafflesii</i>	Island/ Non-island	1	1.392793	1.392793	18.37387	0.000444
	Reef(Island/ Non-island)	4	0.177794	0.044448	0.58637	0.676625
	Error	18	1.364452	0.075803		
<i>Pomacentrus simsiang</i>	Island/ Non-island	1	4.178314	4.178314	53.30742	0.000001
	Reef(Island/ Non-island)	4	0.977149	0.244287	3.11665	0.041071
	Error	18	1.410867	0.078381		
<i>Dischistodus prosopotaenia</i>	Island/ Non-island	1	2.531002	2.531002	22.97888	0.000145
	Reef(Island/ Non-island)	4	1.023606	0.255901	2.32332	0.095930
	Error	18	1.982605	0.110145		
<i>Dascyllus melanurus</i>	Island/ Non-island	1	10.33541	10.33541	89.3280	0.000000
	Reef(Island/ Non-island)	4	0.73070	0.18268	1.5788	0.222818
	Error	18	2.80263	0.11570		
<i>Amphiprion percula</i>	Island/ Non-island	1	5.799495	5.799495	97.30981	0.000000
	Reef(Island/ Non-island)	4	0.196879	0.049220	0.82586	0.525797
	Error	18	1.072766	0.059598		
<i>Halichoeres argus</i>	Island/ Non-island	1	2.20609	2.20609	61.3392	0.000000
	Reef(Island/ Non-island)	4	3.89520	0.97380	27.0720	0.000000
	Error	18	0.64738	0.03597		
<i>Halichoeres chloropterus</i>	Island/ Non-island	1	2.068494	2.068494	56.0052	0.000001
	Reef(Island/ Non-island)	4	1.524806	0.381201	10.39402	0.000153
	Error	18	0.660152	0.036675		
<i>Amphiprion melanopus</i>	Island/ Non-island	1	0.009485	0.009485	1.000000	0.330565
	Reef(Island/ Non-island)	4	0.037941	0.009485	1.000000	0.433165
	Error	18	0.170734	0.009485		