

Table 3. Results of the repeated measures analysis of variance (ANOVA) testing the effect of pH and incubation time on the carbon incorporation rates (ρ) and percentage of fixed carbon (C_R) in the symbionts and coral host. Significant p -values are in **bold**.

Factor	Degrees of freedom	Symbionts		Coral host	
		p	F value	p	F value
<i>Incorporation rate (ρ)</i>					
Between subjects					
pH	1	0.0005	103.30	0.0060	28.36
Error	4	-	-	-	-
Within subjects					
Time	4	0.0002	10.44	0.5992	0.71
Time \times pH	4	0.1968	1.71	0.4432	0.99
Error	16	-	-	-	-
<i>Fixed carbon remaining (C_R)</i>					
Between subjects					
pH	1	0.0026	44.59	0.0454	8.25
Error	4	-	-	-	-
Within subjects					
Time	4	0.0001	11.66	0.6536	0.62
Time \times pH	4	0.2141	1.64	0.4651	0.94
Error	16	-	-	-	-

Table 4. Results of the repeated measures analysis of variance (ANOVA) testing the effect of pH and incubation time on the amount and percentage of carbon lost (C_L) and translocated (T_S). Significant p -values are in **bold**.

Factor	Degrees of freedom	Amount ($\mu\text{g C cm}^{-2} \text{ h}^{-1}$)		Percentage (%)	
		p	F value	p	F value
<i>Carbon lost (C_L)</i>					
Between subjects					
pH	1	0.0461	8.15	0.0067	26.66
Error	4	-	-	-	-
Within subjects					
Time	4	0.0071	5.20	0.0052	5.60
Time \times pH	4	0.2513	1.49	0.2972	1.34
Error	16	-	-	-	-
<i>Carbon translocation (T_S)</i>					
Between subjects					
pH	1	0.1828	2.59	0.0029	42.03
Error	4	-	-	-	-
Within subjects					
Time	4	0.0002	10.44	0.0001	11.64
Time \times pH	4	0.1968	1.71	0.2162	1.63
Error	16	-	-	-	-