δ 15N DF SS MS F p-value

SoCal-Baja Pacific Coast  
Study Site 3 1253 417.7 147.6 **<0.0001**  
Turtle Size (CCL) 1 46.50 46.50 16.44 **<0.0001**  
Study Site\*CCL 3 59.60 19.90 7.019 **<0.001**  
Residuals 133 376.3 2.8

Gulf of California  
Study Site 1 0.830 0.829 0.650 0.423  
Turtle Size (CCL) 1 1.070 1.070 0.839 0.363  
Study Site\*CCL 1 0.000 0.0005 0.000 0.984  
Residuals 63 80.32 1.275

Central & South America Pacific Coast  
Study Site 2 49.19 24.60 9.455 **0.0002**  
Turtle Size (CCL) 1 2.32 2.316 0.890 0.348   
Study Site\*CCL 2 8.70 4.349 1.672 0.194   
Residuals 91 236.7 2.601

East Pacific Islands  
Study Site 2 70.51 35.26 28.22 **<0.0001**  
Turtle Size (CCL) 1 10.62 10.62 8.505 **0.004**   
Study Site\*CCL 2 3.08 1.54 1.231 0.295   
Residuals 178 222.4 1.25

δ 13C

SoCal-Baja Pacific Coast

Study Site 3 24.5 8.156 1.591 0.195  
Turtle Size (CCL) 1 0.200 0.234 0.046 0.831  
Study Site\*CCL 3 22.50 7.496 1.462 0.228  
Residuals 133 681.8 5.126

Gulf of California  
Study Site 1 10.89 10.89 11.85 **0.001**  
Turtle Size (CCL) 1 0.070 0.072 0.079 0.780   
Study Site\*CCL 1 3.600 3.604 3.921 0.052   
Residuals 63 57.89 0.919

Central & South America Pacific Coast  
Study Site 2 3.45 1.723 1.883 0.158  
Turtle Size (CCL) 1 1.81 1.808 1.976 0.163  
Study Site\*CCL 2 2.05 1.027 1.123 0.330  
Residuals 91 83.25 0.915

East Pacific Islands

Study Site 2 837.8 418.9 167.33 **<0.0001**  
Turtle Size (CCL) 1 0.000 0.000 0.006 0.937   
Study Site\*CCL 2 6.400 3.200 1.275 0.282   
Residuals 178 445.6 2.500