

Table S1. Results of ANOVAs for the effect of region on model coefficients of each trajectory type (linear [a], stable [b and c]) of rocky intertidal sessile communities in six regions along the Pacific coast of Japan.

Source of variation	df	MS	<i>F</i>	<i>P</i>
<b>(a) <math>\alpha</math>, coefficient of the linear trajectory</b>				
Region	4	0.00006155	3.163	0.032
Residuals	24	0.00001946		
Transformation: none				
Levene's test: $F = 1.9349$ , $P > 0.05$				
<b>(b) <math>\phi_1</math>, coefficient of the stable trajectory</b>				
Region	5	0.05187	11.490	<0.001
Residuals	67	0.00451		
Transformation: none				
Levene's test: $F = 0.5406$ , $P > 0.05$				
<b>(c) <math>\phi_2</math>, coefficient of the stable trajectory</b>				
Region	5	0.9775	5.364	<0.001
Residuals	67	0.1822		
Transformation: none				
Levene's test: $F = 0.7071$ , $P > 0.05$				