

Cell and Marginal Means

	Native			
Island	No	Yes	Mean	Difference
Guam	53.12	56.59	54.85	5.75
Saipan	49.45	48.75	49.10	
Means	51.29	52.67		
Difference	-1.38			

Tests

P-value for	Analysis				
test of	A	B	C	D	E
Island	0.021	0.029	0.18	0.0197	0.0197
Native	0.54	0.31	0.30	0.57	0.57
I*N	0.39	0.39	0.39	0.39	0.39

Analysis using:

- A lm, anova Island before Native
- B lm, anova, Native before Island
- C lm, Anova, type=3 in car
- D lm contr.sum(), Anova, type 3
- E lm, lsmeans joint test