

## RESULTS OF LOGIT MODELS

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**L**ogistic analysis of remembering first hearing about El Niño before June vs. during or after June.

The LOGISTIC Procedure

Probability modeled is P1B = "1" (remember first hearing during or after June).

**TESTING GLOBAL NULL HYPOTHESIS: BETA = 0.**

Test	Chi-square	DF	Pr > ChiSq
Likelihood ratio	101.4605	17	< 0.0001
Score	90.8838	17	< 0.0001
Wald	72.2011	17	< 0.0001

**TYPE III ANALYSIS OF EFFECTS.**

Effect	DF	Wald chi-square	Pr > ChiSq
Place	4	24.5076	< 0.0001
Education	3	20.7332	0.0001
Age	4	10.9528	0.0271
Class	2	7.6474	0.0218
Organizational ties	3	9.9946	0.0186
Bulletins	1	6.9432	0.0084

## ANALYSIS OF MAXIMUM LIKELIHOOD ESTIMATES.

Standard Parameter	Wald DF	Estimate	Error	Chi-Square	Pr > ChiSq
Intercept	1	-5.0577	1.3290	14.4820	0.0001
<i>Place</i>					
Paita	1	1.2126	0.4157	8.5086	0.0035
Chimbote	1	1.4321	0.4487	10.1877	0.0014
Callao	1	0.4548	0.3090	2.1658	0.1411
Pisco	1	-0.2865	0.3256	0.7740	0.3790
Ilo	0	0	—	—	—
<i>Education</i>					
Primary	1	1.6679	0.5255	10.0748	0.0015
Secondary	1	1.3779	0.5080	7.3572	0.0067
Tech./Trade	1	-0.0387	0.5559	0.0049	0.9444
University	0	0	—	—	—
<i>Age</i>					
Under 25	1	1.0484	0.4988	4.4186	0.0355
25 – 35	1	1.2113	0.3733	10.5277	0.0012
35 – 45	1	0.7914	0.3240	5.9660	0.0146
45 – 55	1	0.6278	0.3415	3.3792	0.0660
Over 55	0	0	—	—	—
<i>Class</i>					
Unemployed	1	-1.5024	0.6410	5.4938	0.0191
Employee	1	-0.7793	0.3365	5.3628	0.0206
Owner/manager	0	0	—	—	—
<i>Organizational ties</i>					
0 ties	1	1.2623	0.5875	4.6160	0.0317
1 tie	1	0.6377	0.5736	1.2359	0.2663
2 ties	1	0.6119	0.6266	0.9535	0.3288
3+ ties	0	0	—	—	—
<i>Bulletins</i>					
Don't read	1	2.7926	1.0598	6.9432	0.0084
Read	0	0	—	—	—

Comments: The residents of the southern ports tended to hear the forecasts earlier, because persistent rumors suggested that the increasing ocean temperatures had driven fish stocks ordinarily found in Peru south into Chilean waters. These rumors, which sparked considerable tensions between the countries,

were discussed most actively in the southern ports. They may have been most actively discussed by unemployed individuals, who feared that the loss of their jobs might be prolonged because of the El Niño event. The “bulletins” refer to specialized fisheries bulletins.