Easy peasy
Laurie and Winifred Bauer

Question 25 sought to elicit expressions for something which was very easy:

25 You are talking to Trindy about the maths test. She thought it was really simple. How would she tell you this?

Because we were interested in *easy peasy* and variants, we used *simple* in the question. It appeared very frequently in the answers but was not coded, because it had been prompted. There were a very large number of diverse responses to this question, and reducing the data to manageable sets was not "easy peasy". Part of the difficulty was that there were sets which appeared to overlap. Along with *pimps*, there was *pimpsqueaks*; but along with *pimpsqueaks*, there was *pipsqueaks*. At one level, it might be interesting to group *pimps* and *pimpsqueaks*; at another, it might be interesting to group *pimpsqueaks* and *pipsqueaks*. In this area of the data, alternative groupings were made, to see whether any different patterns would emerge.

There were also a number of themes in the responses which were worded in quite diverse ways: *bubsy, babies' work, a 5 year-old could do it; my little brother could do it; Form I work* all basically say "this was at a lower level than mine". While none of the individual responses was common, put together, they reach a level of frequency which might not be insignificant. However, grouping these linguistically diverse forms is unlikely to show up dialect differences. Even more problematic were the answers which began "*(a) piece of …*": *cake, pie, biscuit, piss, pigs* were all reported. While *cake* and *piss* were the commonest of these, it wasn't entirely clear whether it was reasonable to group *cake, pie* and *biscuit*, for example. Since neither *pie* nor *biscuit* was reported with any frequency, it in practice made little difference, but it is indicative of the difficulty posed by the data.

Similarly, there were quite a number of responses which used *easy* with some form of modification: *easy as; way easy, real easy, easy as squash an ant; piss easy; too easy*; (not to mention *easy peasy*). Apart from *easy as*, none of these had more than one or two reports, but taken together, they represented a level of support for this pattern which perhaps should not be ignored. On one level, these were all treated as one group; at another, *easy as* was distinguished from the remainder, which were grouped together, although it was a rather heterogeneous collection of responses.

The most frequent item by far was *easy* (unmodified), with 115 reports. These were spread throughout, and were not mapped. If we had counted the reports of *simple*, they would have been of the same order.

We mapped the other forms using *easy* against each other, in case they were in complementary distribution. The forms were *easy as* (21); *easy peasy* (25); *easy peasy Japanesey/lemon squeezy* (14)*; easy* with some other modifier (14). *Easy peasy* was dotted throughout the country from Northland to Southland. *Easy as* was found from Northland to Southland, but there were only two reports in the South Island. In fact, there was only one report south of Hawkes Bay and Taranaki, so this was largely reported in the Northern Region. In contrast, *easy peasy Japanesey/lemon squeezy* was commoner in the Central Region: there were four reports from the Northern Region (Northland and Auckland), 9 from the Central Region, and one from Southland-Otago. The figures for *easy* with some

other modifier are identical, but we place less weight on this, because this is a diverse grouping masking a great deal of variety. Thus there is some tentative support for a three-way regional split in this data.

Next we plotted *pimps* (40), *pipsqueak(s)* (11) and *pimpsqueak(s)* (34) against each other. All three were found from Northland to Southland. 11 reports of *pimp*s came from the South Island (27%), with the remaining 29 in the North. Given that 38% of schools are in the South Island, there is perhaps a slight tendency for this to be commoner in the North, but it is not pronounced. Neither of the other two terms showed any sign of regional variation.

A number of the more frequent terms were plotted against each other: *piece of cake* (44); *pi(m)psqueak(s)* (combining all these forms) (43); *pimps* (40); *basic* (34); *easy* + modifier other than *peasy* (29); *easy peasy (japanesey/lemon squeezy)* (25); *sweet* (17). (Note: the reason that the figures here are not simple additions of the figures for uncombined items is that some schools reported two items, so that a school which reported *easy as* and *piss easy* counts only once here, but counted both as '*easy as*' and as '*easy* + other modifier' above.)

Piece of cake is found throughout the country, from Northland to Southland. However, there is a concentration of reports in Southland-Otago (8 of the 44 reports were from this area: 18% of the reports from 9% of the schools). There is thus a tendency for this (conservative) term to be popular in this region.

Pi(m)psqueak(s) shows no signs of regional variation: it is found from Northland to Southland.

Pimps has a slight tendency to be a Northern form, as noted above.

Basic is found everywhere, as well.

Easy + modifier, combining as it does two groups each of which showed a tendency to regionalisation, shows marked regional differentiation, as the following figures show.

	Northern		Central		Southern	
	No.	%	No.	%	No.	%
Schools	57	38	78	52	14	9
Easy + modifier	18	62	9	31	2	7

It is also the case that there is a significant North Island / South Island divide in this data: there are just 3 reports from the South Island: 10%, when South Island schools make up 38% of the total.

Easy peasy is found throughout.

Sweet is also found from Northland to Southland, but there is a swathe through the centre of the North Island where it was not reported: from the southern edge of Auckland to Taranaki, and including the Bay of Plenty, Poverty Bay and northern Hawkes Bay. These areas reported *sweet* in other contexts, so we have no explanation to offer for this odd distribution.

Finally, the following low-frequency terms were mapped: *easy peasy japanesey/lemon squeezy* (14); *no sweat* (13); *a breeze* (12); *pipsqueaks* (11); *piece of piss* (11); *pinna* (5); *a cinch* (5); *I aced it* (4).

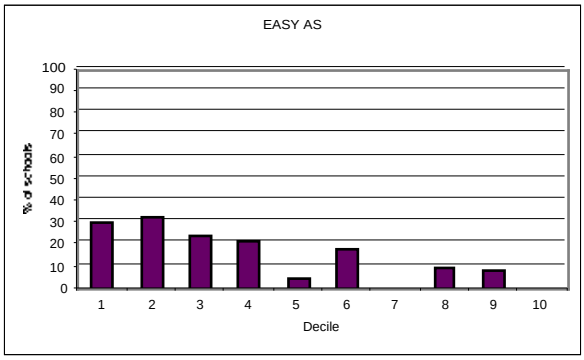
Of these, none show any signs of regionalisation except *pinna*. This is strongly regionalised: it is found only in Taranaki.

Overall this data did not yield a great deal in terms of regional variation. However, such tendencies as were found broadly support the patterns which are shown more clearly in other sets of data.

Statistical Analysis

The terms included in the statistical analysis were *easy peasy Japaneasy*, *easy as, piece of cake, pimps, pinna*. Because *easy* + modifier other than *peas*y was in fact a diverse group, it was excluded from this part of the analysis.

Easy as was shown to be significantly low decile, with p-value 0.0012. *Easy as* is significantly more common in the Northern Region than the Central Region (p-value 0.0065, obtained through a contrast statement). However, the Southern Region did not differ significantly from either of the other regions in use of *easy as*. In terms of Island, *easy as* is significantly commoner in the North Island than the South Island (p-value 0.0106).

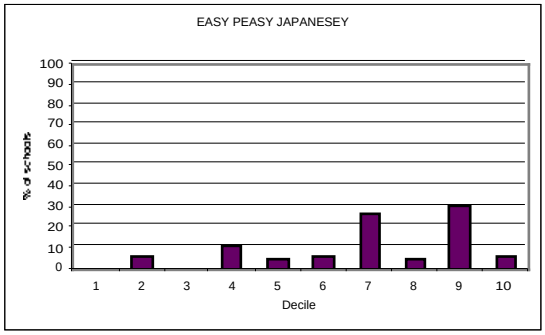


Easy as correlated with both Decile and Main Region, so the interaction between these factors was investigated. This showed that *easy as* has different Decile distributions in the three Main Regions. It has a tendency to be low decile in the Northern Region, but not to a significant degree (p-value 0.3151). However, in the Central Region, it is significantly low decile (p-value 0.0099), and there were not enough reports in the Southern Region to produce a result of any value. When the differences between the regions are ignored, Decile has a stronger effect than Main Region on the distribution of this form: the p-value for Decile when Main Region is taken into account is 0.0054. In contrast, the p-values for none of the regional contrasts is significant; that for the Northern and Central Regions was 0.0568. Thus to a considerable extent, this form is more common in the Northern Region because it is low decile.

Easy as also correlates with both Decile and Island. The investigation of the interaction showed that Decile has a stronger effect than Island: the p-value for variation by Decile when Island is taken into account is quite significant (0.0072), but the p-value for variation by Island when Decile is taken into account is less significant (0.0334).

The interaction between Main Region and Island was also investigated. This showed that the p-value for Island when Main Region is taken into account is not significant (0.0826). The p-value for the Northern – Central Region contrast does not even approach significance (0.2279) when Island is taken into account. Thus Island is probably stronger in its effect than Main Region, but both of these factors explain the other to a considerable degree.

Overall, then, the most important factor in the distribution of *easy as* is decile, followed by Island and then Main Region.
Easy peasy was just significantly high decile (p-value 0.0376), but did not correlate significantly with any of the other factors considered.



Piece of cake was significantly more common in the Southern Region than in either the Northern Region (p-value 0.0107) or the Central Region (p-value 0.0072). It is nearly significantly commoner in the South Island than the North (p-value 0.0529). When the interaction between Island and Main Region is considered, the p-value for Island variation when Main Region is taken into account is not significant (0. 3061). The p-value for the Northern – Southern contrast is not significant, either, when Island is taken into account (p-value 0.1989), but the Central – Southern contrast is still significant (0.0283). This suggests that the Southern Region is more important than Island in accounting for this form.
Pimps was not shown to have significant correlations with any of these factors.
Pinna is found exclusively in the Central Region, but of course it is actually confined to an area far smaller than that.

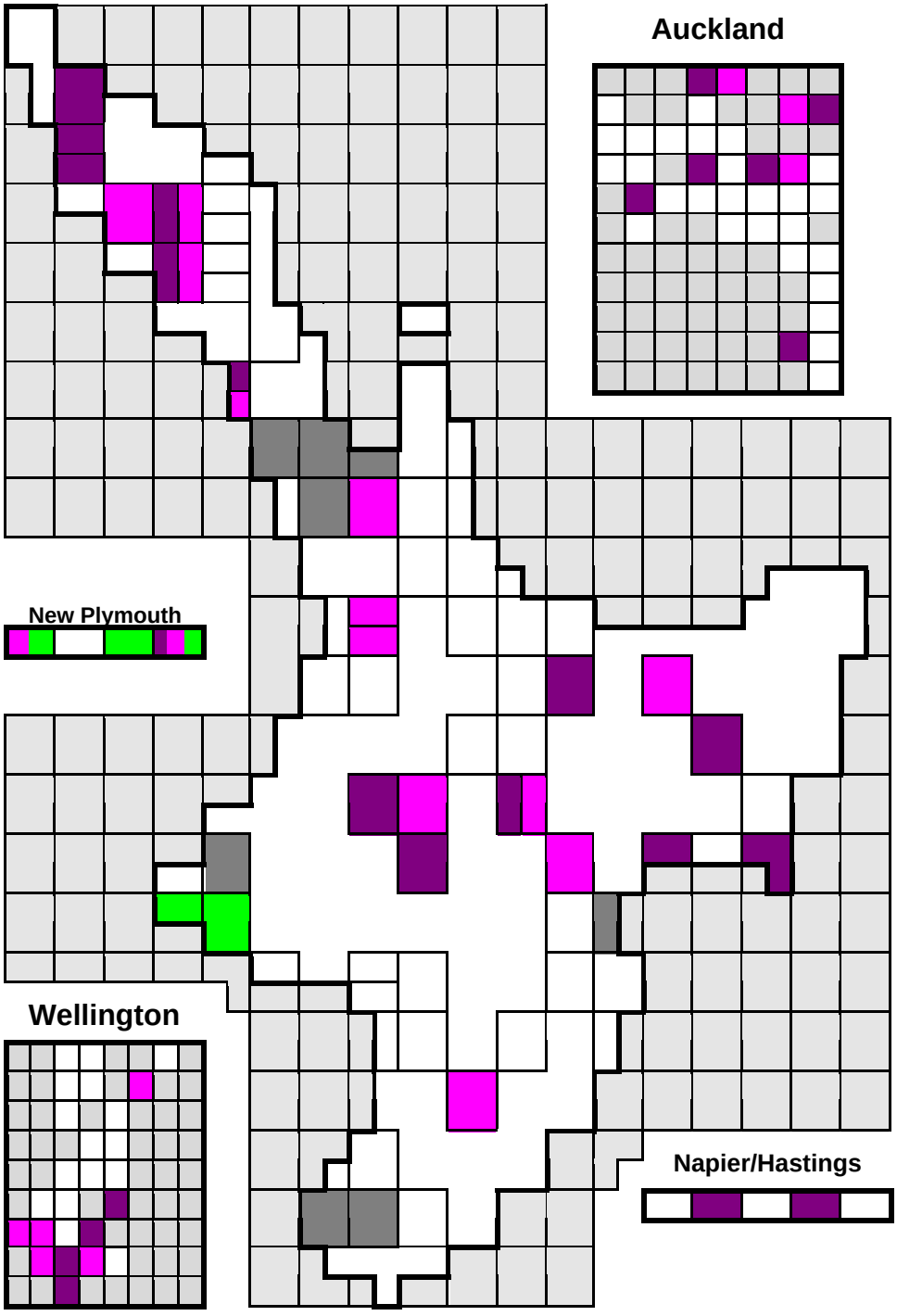
Comments on data from school visits

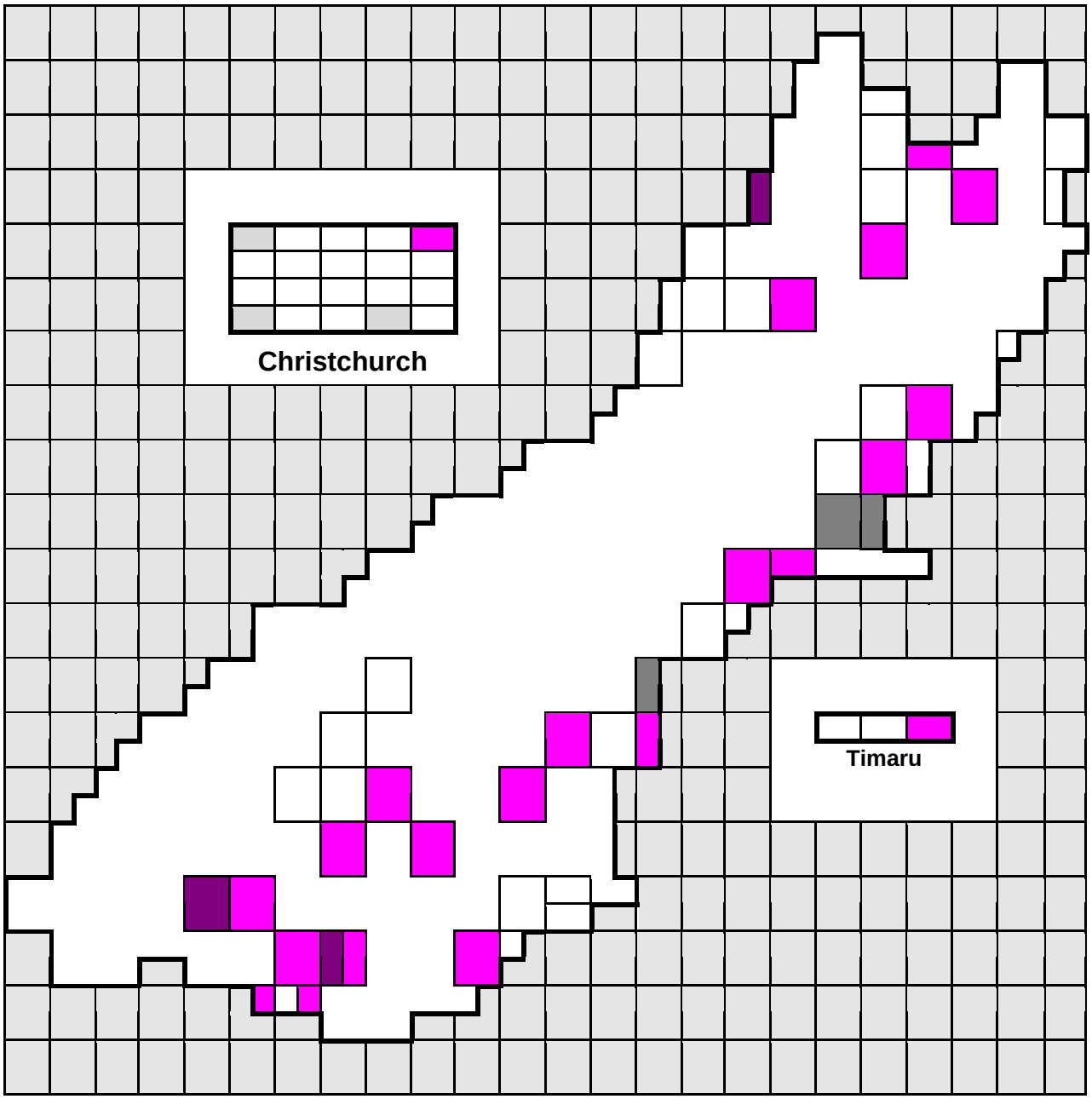
This data was revisited during school visits. The question was asked in a slightly different form: "If you thought something was really easy, what would you say about it?" This confirmed that *easy*, *simple*, *pimpsqueaks*, *easy peasy*, *easy peasy Japanesey* and *pimps* are widespread: at 27 of the 33 schools visited *easy* was supplied, *simple* came from 26, *pimpsqueaks* from 20, *easy peasy* from 17 and *easy peasy Japanesey* and *pimps* from 15. *Piece of cake* was reported from 12 schools, but not from any in Northland. However, the Southern Region bias was not really confirmed during the visits. *Easy peasy lemon squeezy*, reported by 7 schools showed definite signs of being a high decile form: all the reports came from decile 5 schools and above. All the schools reporting this also reported *easy peasy*. *Basic* was more common in the South Island than the North, but with only 6 schools reporting it, it is not clear how reliable this is. *Sweet* came from 5 North Island schools, and none in the South Island. The two reports of *piece of piss* came from the two schools on the West Coast. We were able to confirm the pronunciation of *pinna* as /pˆn\/. This was still in use in Taranaki, but was also reported from a rural Hawkes Bay school, suggesting a recent import. However, there was no sign of it in the schools on the borders of Taranaki.

Summary

The forms for ‘simple’ did not prove to have a great deal of interest. However, there is a little evidence of both regionalisation and social differentiation in these forms.
A map of the most interesting forms follows.

Map: *easy as, piece of cake, pinna*





Key

Note that the insets are not to scale, nor all on the same scale for practical reasons. Each box represents one school in both urban and rural areas.

	easy as		See urban map insert
	piece of cake		pinna

Q25 Statistics: *Easy Peasy*

***Easy Peasy* by Decile**

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates
Empirical 95% Confidence Limits

parameter		Estimate	Std Err	Lower	Upper	Z	Pr>|Z|
intercept	0.0000	.	.	.	.	.	
item	e_p_Jap	-3.5896	0.7437	-5.0473	-2.1319	-4.826	0.0000
item	easy_as	-0.2496	0.4780	-1.1865	0.6872	-.5223	0.6015
item	p_o_cak	-1.4189	0.4084	-2.2194	-0.6183	-3.474	0.0005
item	pimps	-1.3666	0.4684	-2.2846	-0.4487	-2.918	0.0035
item	pinna	-2.2570	0.6820	-3.5938	-0.9203	-3.309	0.0009
decile*item	e_p_Jap	0.2065	0.0993	0.0118	0.4011	2.0789	0.0376
decile*item	easy_as	-0.3178	0.0982	-0.5103	-0.1253	-3.235	**0.0012**
decile*item	p_o_cake	0.0915	0.0615	-0.0291	0.2120	1.4872	0.1370
decile*item	pimps	0.0606	0.0713	-0.0791	0.2004	0.8502	0.3952
decile*item	pinna	-0.2223	0.1182	-0.4540	0.0094	-1.881	0.0600
scale	0.9852	.	.	.	.	.	

***Easy Peasy* by Main Region**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-2.5649	1.0377	6.1090	0.0134
item	easy_as	1	-2.5649	1.0377	6.1090	0.0134
item	p_o_cake	1	0.5878	0.5578	1.1105	0.2920
item	pimps	1	-0.9163	0.5916	2.3988	0.1214
item	pinna	1	-26.3654	0.4682	3170.7846	0.0001
item*region1	e_p_Jap, 1	1	-0.0190	1.1601	0.0003	0.9869
item*region1	e_p_Jap, 2	1	0.5281	1.0966	0.2319	0.6301
item*region1	e_p_Jap, 3	0	0.0000	0.0000	.	.
item*region1	easy_as, 1	1	1.4428	1.0824	1.7768	0.1825
item*region1	easy_as, 2	1	0.0800	1.1214	0.0051	0.9431
item*region1	easy_as, 3	0	0.0000	0.0000	.	.
item*region1	p_o_cake, 1	1	-1.6174	0.6337	6.5142	**0.0107**
item*region1	p_o_cake, 2	1	-1.6525	0.6151	7.2175	**0.0072**
item*region1	p_o_cake, 3	0	0.0000	0.0000	.	.
item*region1	pimps, 1	1	-0.2059	0.6668	0.0953	0.7576
item*region1	pimps, 2	1	-0.0180	0.6429	0.0008	0.9776
item*region1	pimps, 3	0	0.0000	0.0000	.	.
item*region1	pinna, 1	0	24.0236	0.0000	.	.
item*region1	pinna, 2	1	0.0001	60132.5783	0.0000	1.0000
item*region1	pinna, 3	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for e_p_Jap	1	0.7980	0.3717	LR
1 -2 for easy_as	1	7.4039	**0.0065**	LR
1 -2 for p_o_cak	1	0.0078	0.9296	LR
1 -2 for pimps	1	0.2247	0.6354	LR

***Easy Peasy* by Sub-Region**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-2.5649	1.0377	6.1090	0.0134
item	easy_as	1	-2.5649	1.0377	6.1090	0.0134
item	p_o_cake	1	0.5878	0.5578	1.1105	0.2920
item	pimps	1	-0.9163	0.5916	2.3988	0.1214
item	pinna	1	-26.3653	0.4976	2807.2614	0.0001
item*region2	e_p_Jap, 1	1	0.9555	1.5089	0.4010	0.5266
item*region2	e_p_Jap, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	e_p_Jap, 3	1	0.8910	1.2136	0.5390	0.4628
item*region2	e_p_Jap, 4	1	-23.8004	104152.681	0.0000	0.9998
item*region2	e_p_Jap, 5	1	0.9555	1.2950	0.5445	0.4606
item*region2	e_p_Jap, 6	1	0.7191	1.2095	0.3535	0.5521
item*region2	e_p_Jap, 7	1	0.4855	1.4839	0.1071	0.7435
item*region2	e_p_Jap, 8	1	0.9555	1.5089	0.4010	0.5266
item*region2	e_p_Jap, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	e_p_Jap, 10	1	0.3677	1.4792	0.0618	0.8037
item*region2	e_p_Jap, 11	0	0.0000	0.0000	.	.
item*region2	easy_as, 1	1	4.1744	1.5089	7.6531	**0.0057**
item*region2	easy_as, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	easy_as, 3	1	1.5353	1.1612	1.7482	0.1861
item*region2	easy_as, 4	1	0.8602	1.1715	0.5392	0.4628
item*region2	easy_as, 5	1	1.8718	1.2050	2.4131	0.1203
item*region2	easy_as, 6	1	-0.4796	1.4576	0.1083	0.7421
item*region2	easy_as, 7	1	-23.8004	177025.517	0.0000	0.9999
item*region2	easy_as, 8	1	0.9555	1.5089	0.4010	0.5266
item*region2	easy_as, 9	1	-23.8004	125175.944	0.0000	0.9998
item*region2	easy_as, 10	1	-23.8004	167941.152	0.0000	0.9999
item*region2	easy_as, 11	0	0.0000	0.0000	.	.
item*region2	p_o_cake, 1	1	-0.5878	0.9888	0.3533	0.5522
item*region2	p_o_cake, 2	1	-26.9531	216811.094	0.0000	0.9999
item*region2	p_o_cake, 3	1	-1.9095	0.7923	5.8083	**0.0160**
item*region2	p_o_cake, 4	1	-1.3987	0.7012	3.9791	**0.0461**
item*region2	p_o_cake, 5	1	-2.9857	1.1841	6.3582	**0.0117**
item*region2	p_o_cake, 6	1	-1.5686	0.7350	4.5542	**0.0328**
item*region2	p_o_cake, 7	1	-1.2809	0.9006	2.0229	0.1549

item*region2	p_o_cake, 8	1	-2.1972	1.2293	3.1949	0.0739
item*region2	p_o_cake, 9	1	-1.5433	0.7668	4.0504	**0.0442**
item*region2	p_o_cake, 10	1	-0.9933	0.8531	1.3556	0.2443
item*region2	p_o_cake, 11	0	0.0000	0.0000	.	.
item*region2	pimps, 1	1	1.6094	1.0488	2.3548	0.1249
item*region2	pimps, 2	1	-0.6931	1.2450	0.3100	0.5777
item*region2	pimps, 3	1	0.3773	0.7591	0.2471	0.6192
item*region2	pimps, 4	1	-1.5686	0.9443	2.7595	0.0967
item*region2	pimps, 5	1	0.2231	0.8515	0.0687	0.7933
item*region2	pimps, 6	1	0.9163	0.7293	1.5787	0.2089
item*region2	pimps, 7	1	-1.1632	1.2145	0.9172	0.3382
item*region2	pimps, 8	1	-0.6931	1.2450	0.3100	0.5777
item*region2	pimps, 9	1	-0.6931	0.8660	0.6406	0.4235
item*region2	pimps, 10	1	-0.4700	0.9874	0.2266	0.6341
item*region2	pimps, 11	0	0.0000	0.0000	.	.
item*region2	pinna, 1	1	0.0000	216811.094	0.0000	1.0000
item*region2	pinna, 2	1	0.0000	216811.094	0.0000	1.0000
item*region2	pinna, 3	1	0.0000	121837.317	0.0000	1.0000
item*region2	pinna, 4	0	24.9303	0.0000	.	.
item*region2	pinna, 5	1	0.0000	153308.595	0.0000	1.0000
item*region2	pinna, 6	1	0.0000	113225.901	0.0000	1.0000
item*region2	pinna, 7	1	0.0000	177025.517	0.0000	1.0000
item*region2	pinna, 8	1	0.0000	216811.094	0.0000	1.0000
item*region2	pinna, 9	1	0.0000	125175.944	0.0000	1.0000
item*region2	pinna, 10	1	0.0000	167941.152	0.0000	1.0000
item*region2	pinna, 11	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Island**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-2.3418	0.4682	25.0150	0.0001
item	easy_as	1	-3.3142	0.7198	21.1969	0.0001
item	p_o_cake	1	-0.4643	0.2721	2.9122	0.0879
item	pimps	1	-1.4307	0.3356	18.1719	0.0001
item	pinna	1	-25.3653	0.4597	3044.0394	0.0001
item*island	e_p_Jap, 1	1	0.1082	0.5850	0.0342	0.8532
item*island	e_p_Jap, 2	0	0.0000	0.0000	.	.
item*island	easy_as, 1	1	1.9546	0.7644	6.5380	**0.0106**
item*island	easy_as, 2	0	0.0000	0.0000	.	.
item*island	p_o_cake, 1	1	-0.7073	0.3655	3.7459	0.0529
item*island	p_o_cake, 2	0	0.0000	0.0000	.	.
item*island	pimps, 1	1	0.6392	0.4034	2.5100	0.1131
item*island	pimps, 2	0	0.0000	0.0000	.	.
item*island	pinna, 1	0	22.4974	0.0000	.	.
item*island	pinna, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Catholic**

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates

Empirical 95% Confidence Limits

parameter		Est.	Std Err	Lower	Upper	Z	Pr>|Z|
intercept	0.0000	.	.	.	.	.	
item	e_p_Jap	-1.9459	0.7559	-3.4275	-0.4643	-2.574	0.0100
item	easy_as	-1.4663	0.6405	-2.7217	-0.2110	-2.289	0.0221
item	p_o_cake	-1.0986	0.5774	-2.2302	0.0330	-1.903	0.0571
item	pimps	-1.4663	0.6405	-2.7217	-0.2110	-2.289	0.0221
item	pinna	-2.7081	1.0328	-4.7323	-0.6838	-2.622	0.0087
item*catholic	e_p_Jap, 1	-0.3483	0.8143	-1.9444	1.2478	-.4277	0.6689
item*catholic	e_p_Jap, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	easy_as, 1	-0.3707	0.6890	-1.7210	0.9797	-.5380	0.5906
item*catholic	easy_as, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	p_o_cake, 1	0.2766	0.6077	-0.9145	1.4677	0.4552	0.6490
item*catholic	p_o_cake, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	pimps, 1	0.4573	0.6703	-0.8563	1.7710	0.6823	0.4950
item*catholic	pimps, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	pinna, 1	-0.7498	1.1509	-3.0055	1.5059	-.6515	0.5147
item*catholic	pinna, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	.	.	.	.	.	

***Easy Peasy* by Urban/Rural**

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates
Empirical 95% Confidence Limits

parameter		Est.	Std Err	Lower	Upper	Z	Pr>|Z|
intercept	0.0000	.	.	.	.	.	
item	e_p_Jap	-2.0053	0.4026	-2.7944	-1.2162	-4.981	0.0000
item	easy_as	-2.1785	0.4307	-3.0228	-1.3343	-5.058	0.0000
item	p_o_cake	-1.1676	0.3060	-1.7674	-0.5678	-3.815	0.0001
item	pimps	-0.7444	0.2786	-1.2905	-0.1983	-2.672	0.0075
item	pinna	-4.0604	1.0086	-6.0372	-2.0837	-4.026	0.0001
item*urb_rur	e_p_Jap, 1	-0.4182	0.5636	-1.5228	0.6864	-.7421	0.4580
item*urb_rur	e_p_Jap, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	easy_as, 1	0.6239	0.5160	-0.3875	1.6353	1.2090	0.2266
item*urb_rur	easy_as, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	p_o_cake, 1	0.5435	0.3806	-0.2025	1.2894	1.4280	0.1533
item*urb_rur	p_o_cake, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	pimps, 1	-0.4495	0.3779	-1.1901	0.2911	-1.190	0.2342
item*urb_rur	pimps, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	pinna, 1	0.7402	1.1673	-1.5477	3.0281	0.6341	0.5260
item*urb_rur	pinna, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	.	.	.	.	.	

***Easy Peasy* by Decile and Main Region**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.0	0.0000	.	.	
item	e_p_Jap	1	-9.8974	8.9387	1.2260	0.2682
item	easy_as	1	61.1992	0.9208	4416.9486	0.0001
item	p_o_cak	1	0.3777	1.2623	0.0895	0.7648
item	pimps	1	0.3597	1.2950	0.0771	0.7812
item	pinna	1	-25.3650	0.9083	779.9046	0.0001
item*region1	e_p_Jap, 1	1	5.6698	9.0631	0.3914	0.5316
item*region1	e_p_Jap, 2	1	7.2146	8.9995	0.6427	0.4227
item*region1	e_p_Jap, 3	0	0.0000	0.0000	.	.
item*region1	easy_as, 1	1	-61.7679	1.1078	3108.9088	**0.0001**
item*region1	easy_as, 2	0	-60.9466	0.0000	.	.
item*region1	easy_as, 3	0	0.0000	0.0000	.	.
item*region1	p_o_cak, 1	1	-1.8678	1.4235	1.7216	0.1895
item*region1	p_o_cak, 2	1	-2.2751	1.4737	2.3833	0.1226
item*region1	p_o_cak, 3	0	0.0000	0.0000	.	.
item*region1	pimps, 1	1	-1.8910	1.4582	1.6816	0.1947
item*region1	pimps, 2	1	-1.8772	1.4765	1.6164	0.2036
item*region1	pimps, 3	0	0.0000	0.0000	.	.
item*region1	pinna, 1	0	23.5355	0.0000	.	.
item*region1	pinna, 2	1	-0.0003	96595.8173	0.0000	1.0000

item*region1	pinna, 3	0	0.0000	0.0000	.	.
decile*item	e_p_Jap	1	0.9389	1.0029	0.8765	0.3492
decile*item	easy_as	1	-40.8812	0.2161	35787.9974	**0.0001**
decile*item	p_o_cak	1	0.0366	0.1984	0.0340	0.8538
decile*item	pimps	1	-0.2360	0.2250	1.0997	0.2943
decile*item	pinna	1	-0.0000	0.1823	0.0000	0.9998
dec*itm*rg1	e_p_Jap, 1	1	-0.6549	1.0251	0.4081	0.5229
dec*itm*rg1	e_p_Jap, 2	1	-0.8423	1.0128	0.6916	0.4056
dec*itm*rg1	e_p_Jap, 3	0	0.0000	0.0000	.	.
dec*itm*rg1	easy_as,1	1	40.7633	0.2466	27329.3689	**0.0001**
dec*itm*rg1	easy_as, 2	0	40.3241	0.0000	.	
dec*itm*rg1	easy_as, 3	0	0.0000	0.0000	.	.
dec*itm*rg1	p_o_cak, 1	1	0.0543	0.2278	0.0568	0.8116
dec*itm*rg1	p_o_cak, 2	1	0.0887	0.2241	0.1567	0.6922
dec*itm*rg1	p_o_cak, 3	0	0.0000	0.0000	.	.
dec*itm*rg1	pimps, 1	1	0.3168	0.2523	1.5762	0.2093
dec*itm*rg1	pimps, 2	1	0.3247	0.2458	1.7459	0.1864
dec*itm*rg1	pimps, 3	0	0.0000	0.0000	.	.
dec*itm*rg1	pinna, 1	0	-0.1117	0.0000	.	.
dec*itm*rg1	pinna, 2	1	0.0000	13897.9318	0.0000	1.0000
dec*itm*rg1	pinna, 3	0	0.0000	0.0000	.	.
scale	0	1.0	0.0000	.	.	

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for easy_as	1	3.6568	0.0558	LR

***Easy Peasy* by Decile and Main Region, Model 2**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	.
item	e_p_Jap	1	-3.7663	1.3200	8.1415	0.0043
item	easy_as	1	-1.1931	1.1339	1.1071	0.2927
item	p_o_cak	1	0.0190	0.6875	0.0008	0.9780
item	pimps	1	-1.2143	0.7244	2.8101	0.0937
item	pinna	1	-25.7570	0.9083	804.2001	0.0001
item*region1	e_p_Jap, 1	1	0.1479	1.1738	0.0159	0.8997
item*region1	e_p_Jap, 2	1	0.4297	1.1066	0.1507	0.6978
item*region1	e_p_Jap, 3	0	0.0000	0.0000	.	.
item*region1	easy_as, 1	1	1.3193	1.1081	1.4176	0.2338
item*region1	easy_as, 2	1	0.2979	1.1492	0.0672	0.7955
item*region1	easy_as, 3	0	0.0000	0.0000	.	.
item*region1	p_o_cak, 1	1	-1.5579	0.6396	5.9321	**0.0149**
item*region1	p_o_cak, 2	1	-1.7454	0.6262	7.7687	**0.0053**
item*region1	p_o_cak, 3	0	0.0000	0.0000	.	.
item*region1	pimps, 1	1	-0.1619	0.6709	0.0582	0.8093
item*region1	pimps, 2	1	-0.0505	0.6457	0.0061	0.9376
item*region1	pimps, 3	0	0.0000	0.0000	.	.
item*region1	pinna, 1	0	23.9276	0.0000	.	.
item*region1	pinna 2	1	0.0773	59823.8892	0.0000	1.0000
item*region1	pinna, 3	0	0.0000	0.0000	.	.
decile*item	e_p_Jap	1	0.1881	0.1159	2.6323	0.1047
decile*item	easy_as	1	-0.2837	0.1020	7.7379	**0.0054**
decile*item	p_o_cak	1	0.1002	0.0708	2.0009	0.1572
decile*item	pimps	1	0.0508	0.0699	0.5277	0.4676
decile*item	pinna	1	-0.1118	0.1823	0.3760	0.5398
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Decile in Northern Region**

Analysis Of GEE Parameter Estimates – Empirical 95% Confidence Limits

parameter		Estimate	Std Err	Lower	Upper	Z	Pr>|Z|
intercept	0.0000	.	.	.	.	.	
item	e_p_Jap	-4.2718	1.7552	-7.7119	-0.8316	-2.434	0.0149
item	easy_as	-0.5970	0.5992	-1.7714	0.5773	-.9964	0.3190
item	p_o_cak	-1.5187	0.6508	-2.7943	-0.2431	-2.334	0.0196
item	pimps	-1.5603	0.7324	-2.9957	-0.1249	-2.130	0.0331
item	pinna	-1.8705	0.7407	-3.3224	-0.4187	-2.525	0.0116
decile*item	e_p_Jap	0.2917	0.2492	-0.1968	0.7802	1.1704	0.2419
decile*item	easy_as	-0.1121	0.1116	-0.3308	0.1066	-1.005	0.3151
decile*item	p_o_cak	0.0963	0.1103	-0.1199	0.3125	0.8729	0.3827
decile*item	pimps	0.0864	0.1242	-0.1570	0.3297	0.6956	0.4867
decile*item	pinna	-0.1032	0.1263	-0.3507	0.1443	-.8171	0.4139
scale	1.0098	.	.	.	.	.	

***Easy Peasy* by Decile in Central Region only**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
item	e_p_Jap	1	-2.6828	1.0443	6.6001	0.0102
item	easy_as	1	0.2526	0.9208	0.0752	0.7838
item	p_o_cak	1	-1.8975	0.7606	6.2243	0.0126
item	pimps	1	-1.5175	0.7093	4.5773	0.0324
item	pinna	1	-26.3653	159259.579	0.0000	0.9999
decile*item	e_p_Jap	1	0.0966	0.1417	0.4650	0.4953
decile*item	easy_as	1	-0.5571	0.2161	6.6454	**0.0099**
decile*item	p_o_cak	1	0.1253	0.1042	1.4467	0.2291
decile*item	pimps	1	0.0888	0.0988	0.8066	0.3691
decile*item	pinna	1	0.0000	22913.8157	0.0000	1.0000
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Decile in Southern Region only**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-9.8974	8.9387	1.2260	0.2682
item	easy_as	1	70.1993	249261.779	0.0000	0.9998
item	p_o_cak	1	0.3777	1.2623	0.0895	0.7648
item	pimps	1	0.3597	1.2950	0.0771	0.7812
item	pinna	1	-28.3653	883744.347	0.0000	1.0000
decile*item	e_p_Jap	1	0.9389	1.0029	0.8765	0.3492
decile*item	easy_as	1	-46.8812	148158.066	0.0000	0.9997
decile*item	p_o_cak	1	0.0366	0.1984	0.0340	0.8538
decile*item	pimps	1	-0.2360	0.2250	1.0997	0.2943
decile*item	pinna	1	-0.0000	137420.456	0.0000	1.0000
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Decile and Island, Model 1**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-4.3609	1.8663	5.4598	0.0195
item	easy_as	1	2.0865	2.2311	0.8745	0.3497
item	p_o_cak	1	0.0830	0.7804	0.0113	0.9153
item	pimps	1	-0.3745	0.8987	0.1737	0.6768
item	pinna	1	-25.3653	0.8632	863.5547	0.0001
decile*item	e_p_Jap	1	0.2826	0.2345	1.4522	0.2282
decile*item	easy_as	1	-1.4773	0.8911	2.7484	0.0974
decile*item	p_o_cak	1	-0.0846	0.1138	0.5521	0.4574
decile*item	pimps	1	-0.1695	0.1400	1.4670	0.2258
decile*item	pinna	1	-0.0000	0.1713	0.0000	1.0000

item*island	e_p_Jap, 1	1	1.0127	2.0783	0.2374	0.6261
item*island	e_p_Jap, 2	0	0.0000	0.0000	.	.
item*island	easy_as, 1	1	-2.4687	2.2871	1.1651	0.2804
item*island	easy_as, 2	0	0.0000	0.0000	.	.
item*island	p_o_cak, 1	1	-2.1379	0.9727	4.8311	**0.0280**
item*island	p_o_cak, 2	0	0.0000	0.0000	.	.
item*island	pimps, 1	1	-1.3573	1.0407	1.7010	0.1922
item*island	pimps, 2	0	0.0000	0.0000	.	.
item*island	pinna, 1	0	23.2026	0.0000	.	.
item*island	pinna, 2	0	0.0000	0.0000	.	.
dec*item*is	e_p_Jap, 1	1	-0.0944	0.2678	0.1243	0.7244
dec*item*is	e_p_Jap, 2	0	0.0000	0.0000	.	.
dec*item*is	easy_as, 1	1	1.2743	0.8966	2.0201	0.1552
dec*item*is	easy_as, 2	0	0.0000	0.0000	.	.
dec*item*is	p_o_cak, 1	1	0.2412	0.1438	2.8132	0.0935
dec*item*is	p_o_cak, 2	0	0.0000	0.0000	.	.
dec*item*is	pimps, 1	1	0.3387	0.1618	4.3788	**0.0364**
dec*item*is	pimps, 2	0	0.0000	0.0000	.	.
dec*item*is	pinna, 1	0	-0.1479	0.0000	.	.
dec*item*is	pinna, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Easy Peasy **by Decile and Island, Model 2**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-3.8227	0.9646	15.7065	0.0001
item	easy_as	1	-1.7807	0.8809	4.0861	0.0432
item	p_o_cak	1	-0.9144	0.5287	2.9915	0.0837
item	pimps	1	-2.0062	0.5788	12.0156	0.0005
item	pinna	1	-24.4491	0.8632	802.2969	0.0001
decile*item	e_p_Jap	1	0.2115	0.1130	3.5029	0.0613
decile*item	easy_as	1	-0.2646	0.0985	7.2137	**0.0072**
decile*item	p_o_cak	1	0.0685	0.0684	1.0026	0.3167
decile*item	pimps	1	0.0862	0.0690	1.5621	0.2114
decile*item	pinna	1	-0.1479	0.1713	0.7456	0.3879
item*island	e_p_Jap, 1	1	0.3208	0.5982	0.2875	0.5918
item*island	e_p_Jap, 2	0	0.0000	0.0000	.	.
item*island	easy_as, 1	1	1.6579	0.7796	4.5227	**0.0334**
item*island	easy_as, 2	0	0.0000	0.0000	.	.
item*island	p_o_cak, 1	1	-0.6305	0.3733	2.8527	0.0912
item*island	p_o_cak, 2	0	0.0000	0.0000	.	.
item*island	pimps, 1	1	0.7463	0.4144	3.2438	0.0717
item*island	pimps, 2	0	0.0000	0.0000	.	.
item*island	pinna, 1	0	22.2864	0.0000	.	.

item*island	pinna, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Decile in North Island**

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates
Empirical 95% Confidence Limits

parameter		Estimate	Std Err	Lower	Upper	Z	Pr>|Z|
intercept	0.0000	.	.	.	.	.	
item	e_p_Jap	-3.3758	0.8589	-5.0592	-1.6924	-3.930	0.0001
item	easy_as	-0.3924	0.4898	-1.3524	0.5676	-.8012	0.4230
item	p_o_cak	-2.0722	0.5772	-3.2036	-0.9409	-3.590	0.0003
item	pimps	-1.7477	0.5659	-2.8569	-0.6385	-3.088	0.0020
item	pinna	-2.1774	0.6805	-3.5112	-0.8436	-3.200	0.0014
decile*item	e_p_Jap	0.1929	0.1196	-0.0415	0.4272	1.6129	0.1068
decile*item	easy_as	-0.2010	0.0926	-0.3826	-0.0194	-2.170	**0.0300**
decile*item	p_o_cak	0.1597	0.0869	-0.0107	0.3301	1.8372	0.0662
decile*item	pimps	0.1720	0.0854	0.0045	0.3395	2.0129	**0.0441**
decile*item	pinna	-0.1448	0.1121	-0.3646	0.0749	-1.292	0.1964
scale	0.9930	.	.	.	.	.	

***Easy Peasy* by Decile in South Island**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
item	easy_as	1	2.0865	2.2311	0.8745	0.3497
item	p_o_cak	1	0.0830	0.7804	0.0113	0.9153
item	pimps	1	-0.3745	0.8987	0.1737	0.6768
item	pinna	1	-27.3653	336070.424	0.0000	0.9999
decile*item	e_p_Jap	1	0.2826	0.2345	1.4522	0.2282
decile*item	easy_as	1	-1.4773	0.8911	2.7484	0.0974
decile*item	p_o_cak	1	-0.0846	0.1138	0.5521	0.4574
decile*item	pimps	1	-0.1695	0.1400	1.4670	0.2258
decile*item	pinna	1	-0.0000	48331.2597	0.0000	1.0000
scale	0	1.00	0.0000	.	.	

***Easy Peasy* by Main Region and Island, Model 2 (no sig. figs in Model 1)**

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	e_p_Jap	1	-2.5649	1.0377	6.1090	0.0134
item	easy_as	1	-2.5649	1.0377	6.1090	0.0134
item	p_o_cak	1	0.5878	0.5578	1.1105	0.2920
item	pimps	1	-0.9163	0.5916	2.3988	0.1214
item	pinna	1	-26.3654	0.4682	3170.7848	0.0001
item*region1	e_p_Jap, 1	1	-0.5046	1.3619	0.1373	0.7110
item*region1	e_p_Jap, 2	1	0.2877	1.1630	0.0612	0.8046
item*region1	e_p_Jap, 3	0	0.0000	0.0000	.	.
item*region1	easy_as, 1	1	-0.5031	1.5584	0.1042	0.7468
item*region1	easy_as, 2	1	-1.1727	1.4494	0.6547	0.4185
item*region1	easy_as, 3	0	0.0000	0.0000	.	.
item*region1	p_o_cak, 1	1	-1.0674	0.8309	1.6501	0.1989
item*region1	p_o_cak, 2	1	-1.4240	0.6491	4.8126	**0.0283**
item*region1	p_o_cak, 3	0	0.0000	0.0000	.	.
item*region1	pimps, 1	1	-1.5558	0.8556	3.3067	0.0690
item*region1	pimps, 2	1	-0.7213	0.7216	0.9994	0.3175
item*region1	pimps, 3	0	0.0000	0.0000	.	.
item*region1	pinna, 1	0	24.0236	0.0000	.	.
item*region1	pinna, 2	1	0.0001	60132.5783	0.0000	1.0000
item*region1	pinna, 3	0	0.0000	0.0000	.	.
item*island	e_p_Jap, 1	1	0.4855	0.7134	0.4631	0.4962
item*island	e_p_Jap, 2	0	0.0000	0.0000	.	.
item*island	easy_as, 1	1	1.9459	1.1212	3.0120	0.0826
item*island	easy_as, 2	0	0.0000	0.0000	.	.
item*island	p_o_cak, 1	1	-0.5500	0.5374	1.0475	0.3061
item*island	p_o_cak, 2	0	0.0000	0.0000	.	.
item*island	pimps, 1	1	1.3499	0.5360	6.3428	**0.0118**
item*island	pimps, 2	0	0.0000	0.0000	.	.
item*island	pinna, 1	0	-0.0000	0.0000	.	.
item*island	pinna, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for easy_as	1	1.4542	0.2279	LR

