'I Bags...': laying claim to something

Laurie and Winifred Bauer

Question 9 asked how children lay claim to something. The question we asked was:

- **9** Your class is waiting for the bus to arrive to take you on a trip. You are not at the front of the queue, but you want to sit in the back seat. What would you say to make sure that you have the right to sit there?
 - O I want to sit in the back seat.
 - Can I sit in the back seat?
 - Ask someone to save you a seat.
 - Offer a bribe/threat.

The checkbox options we provided may have influenced our results in this question. We asked the teachers not to offer these as suggestions: they were included simply to save the teachers from having to write down some of the things which we weren't interested in but which were likely to be said by the children. There was some evidence that some teachers read these out, and we suspect that this is why there was a relatively large number of schools where these were the only answers provided: 26 in all.

42 distinct answers were coded, but these were subsequently grouped according to the basic stem used. The major groups with number of reports in brackets were:

Bags (111)

(including (I) bags (the) back seat; Bax; I've bagsed the back seat; Mini bags; Bags us a seat; Bags me the back; Begs the back seat)

Shotgun (27)

(including *Shotgun* (with or without putting thumb on forehead); *Shotgun* (*the*) *back seat; Gun shot; Double barrel shotgun in the back seat; I shotgun that seat*)

Pegs (17)

(including (I) pegs (the) back seat; Pags the back seat; Pegs a seat; I've pagsed the back seat; Pegs in the back seat; Pegsed on the back seat)

Chinese Swap(s) (10)

(This is a procedure whereby children change places in the line. From the visits, we were able to ascertain that this does not necessarily mean the same thing in all schools. However, it most often means that when the person behind you won't let your friend into the queue in front of them, you offer your friend Chinese Swaps. If they agree, you let your friend into the queue in front of you, and then swap places with your friend, thus effectively letting them into the queue in front of the person who refused.) A similar-sounding procedure was also nameless in one school, and we were unsure whether *Bus-ride* was another name for the same procedure, so did not include it. However, from visit information, it appears to be. (*In front behind* is yet another name for it.)

Seniors in the back seat (9)

(including Form II('s) privilege; Bus wardens at the back)

Got (6)

This included all ways of claiming "ownership" of the seat, including *I've got the back seat; I'm in the back; My back seat; It's got my name on it*) **Saved** (5)

(including The back seat's safe; The back seat's saved)

Dibs (5)

(including *Dibs on the back seat* (with or without thumb on forehead); *Dibs*) **Booked** (4)

(including *I've booked (the) back seat; Book me*) There were very few responses that did not fall into these categories. Because *bags* was so common, it seemed more interesting to map its absence rather than its presence. However, it was only marked absent when we had one of these other responses, and not for the schools which only reported the checkbox answers above, since we suspect they were often led to believe that they should choose from those answers, rather than providing others. The absences are in two principal clusters, one in Hawkes Bay, and one on the West Coast. In almost all cases, the absence of *bags* corresponded to the presence of *pegs*, although the reverse is not true: many schools reported both.

Shotgun is dotted around the country, although it appears to have a stronghold in mid-Northland.

Pegs is found almost exclusively in the Central Region, from Poverty Bay to mid-Canterbury. (There is one very surprising report in the north of the Southland region.) It is the form most likely to have ousted *bags*. However, there is a large hole in the middle of the Central Region - roughly in the Wellington, Manawatu Wairarapa and Nelson-Marlborough districts – where pegs is not found, but bags is still almost the only form found. We can think of two possible explanations for this. The first is that there have been two parallel developments of pegs from a truce term to a claim term, one centred in Hawkes Bay, and one in the upper South Island, possibly with its roots on the West Coast. The second possibility is that *pegs* has at some time been found throughout the region, but that it has been re-supplanted by bags in Wellington, Manawatu, Wairarapa, and Nelson-Marlborough. If we could find no evidence of *pegs* in this sense in these regions, that would provide a strong argument against this second possibility. Some historical information about when pegs ousted bags in Hawkes Bay and the West Coast would also help to choose between these hypotheses. Unfortunately, it has not been possible to find the information needed on these matters.

Dibs is found only in urban areas, three times in Auckland, once in Wellington, and once in Nelson.

Seniors in the back (etc.) is almost exclusively rural, and is clearly a policy for those who catch buses to and from school. In a sense, it precludes the possibility of bagsing the back seat. Since in rural schools, there are usually not enough students to have a bus-load of children all of the same age, the situation we asked about could not arise where this policy is in place.

Chinese Swaps is largely found in the Northern Region, with six of the nine uses of this name there. The other three were one each in Hawkes Bay, Wellington and Christchurch. The nameless game which sounded like the same procedure was reported in north Canterbury. *Bus-ride*, which may or may not be the same was reported in Southland. However, during the visits, this term was also reported from Nelson. From the school visit data, it appears that the only region where *Chinese Swaps* is systematically not known is the Southern Region. None of the other forms show any patterning.

Historical snippets

Sutton-Smith in *Our Street* (1950), set in Wellington, has children using *bagz*, e.g. (p. 10-11, 1975 edn.)

The Opies (1959, 135) report that *bags* "appears to be in general use throughout Britain". They note a wide variety of regional alternatives, but none of these has any parallels or derivatives in our data. They do not report the procedure of Chinese Swaps.

I bags vs. Bags

Bags the back seat was the commonest construction, but there were also a significant number of occurrences of *I bags the back seat*, and two with an apparent indirect object: *bags us/me the back seat*. However, there did not appear to be any pattern to the distribution of these forms.

Statistical Analysis

Because the *bags* forms were so widespread, there was little point in including them in the statistical analysis. The forms included were *Chinese Swaps, dibs, pegs, shotgun.*

Chinese Swaps

Chinese Swaps was significantly more likely to occur in the Northern Region than the Southern Region (p-value 0.0001).

Dibs

Dibs (US in origin) was significantly more likely in high decile schools (p-value 0.0045). We suspect that it was reported by N American children attending those schools, and that this correlation with high decile is simply a reflection of the likelihood that N. American migrants are from high socio-economic groups. (This observation is paralleled by the distribution of other US forms.) *Dibs* was significantly more likely to occur in the Northern Region than the Southern Region (p-value 0.0001). It was also exclusively urban. When the interaction between Decile and Urban/Rural was considered, it showed that the tendency to be urban largely accounts for the high decile tendency for this form, while the reverse is not true.

Pegs

There is significantly more use of *pegs* in the Central Region than the Northern Region (p-value 0.0006). The sub-region analysis confirmed that Hawkes Bay is the region where this is found most commonly.

Shotgun

This was not shown to correlate significantly with any of the factors we considered.

Information from school visits

During the school visits, further questions were asked about these forms. This confirmed that *bags* is found almost universally: it is known even in those areas where *pegs* is the first choice. The data obtained in this way confirmed that *pegs* is used both in Hawkes Bay and in Christchurch and environs.

Shotgun is also more widely known than our results suggested, but it is often known only by a few individuals in a school and may be restricted in certain ways: sometimes it can be used only for the front seat (riding shotgun = riding in the front seat); sometimes it can be used only for seats (so that you cannot say **Shotgun the green plate*, for example). For some, it cannot be negative (i.e. you can't say **Shotgun not the front seat*, for example, but for others *Shotgun not X* is possible. After the school visits, all the information about *shotgun* was gathered together in one file, but this still suggested that the distribution is fairly random, and the usages are also random.

Dibs was found only in urban centres during school visits, although it was found in centres which did not report it in the original survey, as well as in those which did.

We also asked for the past tense of this construction. There was overwhelming use of *bagsed* (with corresponding *pegsed* in the *pegs* area). This means that the *–s* has been reanalysed as part of the root.

Summary

The use of ticked boxes to save the teacher time clearly affected the results for this question. However, in general, *bags* is still the term found most widely in New Zealand for this purpose. However, in the Central Region, and particularly in Hawkes Bay, *pegs* is encroaching to a significant degree. This is yet another form indicating the importance of the three Main Regions to the dialect picture in New Zealand.

The first map shows the distribution of the main alternatives to *bags*. A map of the schools which reported the use of *pegs* in the 'laying claim' environment (combining results from this and the next three questions) follows that.



Map 1: Laying claim: pegs, shotgun; Chinese Swaps



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.



Shotgun



See urban map insert



Pegs

Chinese Swaps







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.



pegs (for "laying claim")

See urban map insert

Statistics for Q9: Alternatives for Bags 9 by Decile

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

parameter		Estimate	Std Err	Lower	Upper	Ζ	Pr> Z
intercept	0.0000		•				•
item	Chinese	-2.9961	0.8285	-4.6199	-1.3723	-3.616	0.0003
item	dibs	-6.9348	1.5141	-9.9024	-3.9673	-4.580	0.0000
item	pegs	-1.3847	0.5313	-2.4260	-0.3434	-2.606	0.0092
item	shotgun	-1.5528	0.4436	-2.4222	-0.6834	-3.501	0.0005
decile*item	Chinese	0.0602	0.1236	-0.1821	0.3024	0.4868	0.6264
decile*item	dibs	0.4927	0.1735	0.1527	0.8327	2.8399	0.0045
decile*item	pegs	-0.1241	0.0920	-0.3045	0.0562	-1.349	0.1774
decile*item	shotgun	0.0065	0.0674	-0.1256	0.1386	0.0971	0.9227
scale	0.9587	•	•	•	•		•

9 by Main Region

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	•		
item	Chinese	1	-25.3652	0.5133	2441.5984	0.0001
item	dibs	1	-25.3653	0.7164	1253.8041	0.0001
item	pegs	1	-2.5649	1.0377	6.1090	0.0134
item	shotgun	1	-1.7918	0.7638	5.5035	0.0190
item*region1	Chinese, 1	1	23.2251	0.6707	1199.2484	0.0001
item*region1	Chinese, 2	0	22.4474	0.0000		
item*region1	Chinese, 3	0	0.0000	0.0000	•	•
item*region1	dibs, 1	1	22.4749	0.9301	583.9510	0.0001
item*region1	dibs, 2	0	21.7277	0.0000		
item*region1	dibs, 3	0	0.0000	0.0000		•
item*region1	pegs, 1	1	-1.4604	1.4473	1.0181	0.3130
item*region1	pegs, 2	1	1.1299	1.0768	1.1010	0.2940
item*region1	pegs, 3	0	0.0000	0.0000		
item*region1	shotgun, 1	1	0.4700	0.8300	0.3207	0.5712
item*region1	shotgun, 2	1	0.1823	0.8220	0.0492	0.8245
item*region1	shotgun, 3	0	0.0000	0.0000		•
scale	0	1.00	0.0000	•		

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Туре
1-2 for Chinese	1	1.3789	0.2403	LR
1-2 for dibs	1	0.6624	0.4157	LR
1-2 for pegs	1	11.8314	0.0006	LR
1-2 for shotgun	1	0.4167	0.5186	LR

9 by Sub-Region Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	Chinese	1	-26.3655	0.7500	1235.8011	0.0001
item	dibs	1	-26.3652	1.0607	617.8899	0.0001
item	pegs	1	-2.5649	1.0377	6.1090	0.0134
item	shotgun	1	-1.7918	0.7638	5.5035	0.0190
item*region2	Chinese, 1	1	24.7560	1.3276	347.7227	0.0001
item*region2	Chinese, 2	1	0.0001	216811.094	0.0000	1.0000
item*region2	Chinese, 3	1	24.6915	0.9789	636.1773	0.0001
item*region2	Chinese, 4	1	23.8806	1.0508	516.4813	0.0001
item*region2	Chinese, 5	1	23.9676	1.2858	347.4305	0.0001
item*region2	Chinese, 6	1	23.3209	1.2689	337.7804	0.0001
item*region2	Chinese, 7	1	0.0001	177025.517	0.0000	1.0000
item*region2	Chinese, 8	1	0.0001	216811.094	0.0000	1.0000
item*region2	Chinese, 9	0	24.2860	0.0000		
item*region2	Chinese, 10	1	0.0001	167941.152	0.0000	1.0000
item*region2	Chinese, 11	0	0.0000	0.0000		
item*region2	dibs, 1	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 2	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 3	1	24.6913	1.2332	400.8715	0.0001
item*region2	dibs, 4	1	-0.0001	104152.681	0.0000	1.0000
item*region2	dibs, 5	1	-0.0001	153308.595	0.0000	1.0000
item*region2	dibs, 6	1	23.3207	1.4740	250.3228	0.0001
item*region2	dibs, 7	0	24.2858	0.0000		
item*region2	dibs, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 9	1	-0.0001	125175.944	0.0000	1.0000
item*region2	dibs, 10	1	-0.0001	167941.152	0.0000	1.0000
item*region2	dibs, 11	0	0.0000	0.0000		
item*region2	pegs, 1	1	-23.8004	216811.094	0.0000	0.9999
item*region2	pegs, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	pegs, 3	1	-23.8004	121837.317	0.0000	0.9998
item*region2	pegs, 4	1	-0.6539	1.4550	0.2020	0.6531
item*region2	pegs, 5	1	2.2285	1.1915	3.4978	0.0615
item*region2	pegs, 6	1	-0.4796	1.4576	0.1083	0.7421
item*region2	pegs, 7	1	-23.8004	177025.517	0.0000	0.9999
item*region2	pegs, 8	1	2.5649	1.3205	3.7732	0.0521
item*region2	pegs, 9	1	1.6094	1.1635	1.9133	0.1666
item*region2	pegs, 10	1	-23.8004	167941.152	0.0000	0.9999
item*region2	pegs, 11	0	0.0000	0.0000		
item*region2	shotgun, 1	1	0.1823	1.3354	0.0186	0.8914
item*region2	shotgun, 2	1	2.4849	1.1547	4.6311	0.0314
item*region2	shotgun, 3	1	0.4700	0.9487	0.2454	0.6203
item*region2	shotgun, 4	1	-0.2451	0.9799	0.0626	0.8025

item*region2	shotgun, 5	1	0.6931	1.0138	0.4675	0.4942
item*region2	shotgun, 6	1	-1.2528	1.2771	0.9623	0.3266
item*region2	shotgun, 7	1	0.5390	1.1073	0.2369	0.6264
item*region2	shotgun, 8	1	1.0986	1.1547	0.9052	0.3414
item*region2	shotgun, 9	1	-0.2877	1.0704	0.0722	0.7881
item*region2	shotgun, 10	1	0.9445	1.0293	0.8419	0.3589
item*region2	shotgun, 11	0	0.0000	0.0000	•	•
scale	0	1.00	0.0000	•	•	

9 by Island

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

parameter		Est.	Std Err	Lower	Upper	Ζ	Pr> Z
item	Chinese	-3.3142	0.7198	-4.7251	-1.9033	-4.604	0.0000
item	dibs	-4.0254	1.0089	-6.0027	-2.0480	-3.990	0.0001
item	pegs	-1.6740	0.3632	-2.3859	-0.9620	-4.608	0.0000
item	shotgun	-1.4307	0.3356	-2.0886	-0.7729	-4.263	0.0000
item*island	Chinese, 1	0.9510	0.8093	-0.6352	2.5372	1.1751	0.2400
item*island	Chinese, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	dibs, 1	0.9230	1.1310	-1.2937	3.1397	0.8161	0.4144
item*island	dibs, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	pegs, 1	-0.6892	0.5184	-1.7052	0.3268	-1.330	0.1836
item*island	pegs, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	shotgun, 1	-0.1405	0.4337	-0.9906	0.7097	3239	0.7460
item*island	shotgun,2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	•	•	•	•		

9 by Catholic

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

parameter		Est.	Std Err	Lower	Upper	Ζ	Pr> Z
item	Chinese	-1.9459	0.7559	-3.4275	-0.4643	-2.574	0.0100
item	dibs	-2.7081	1.0328	-4.7323	-0.6838	-2.622	0.0087
item	pegs	-1.4663	0.6405	-2.7217	-0.2110	-2.289	0.0221
item	shotgun	-1.4663	0.6405	-2.7217	-0.2110	-2.289	0.0221
item*catholic	Chinese, 1	-0.7868	0.8394	-2.4320	0.8583	9374	0.3486
item*catholic	Chinese, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	dibs, 1	-0.7498	1.1509	-3.0055	1.5059	6515	0.5147
item*catholic	dibs, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	pegs, 1	-0.7394	0.7040	-2.1193	0.6405	-1.050	0.2936
item*catholic	pegs, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	shotgun, 1	-0.0284	0.6792	-1.3596	1.3027	0419	0.9666
item*catholic	shotgun, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000			•	•	•	

9 by Urban/Rural

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	Chinese	1	-2.0053	0.4026	24.8098	0.0001
item	dibs	1	-2.3795	0.4675	25.9119	0.0001
item	pegs	1	-2.3795	0.4675	25.9119	0.0001
item	shotgun	1	-1.7148	0.3621	22.4278	0.0001
item*urb_rur	Chinese, 1	1	-1.3149	0.7124	3.4070	0.0649
item*urb_rur	Chinese, 2	0	0.0000	0.0000		
item*urb_rur	dibs, 1	1	-23.9858	57267.4574	0.0000	0.9997
item*urb_rur	dibs, 2	0	0.0000	0.0000		•
item*urb_rur	pegs, 1	1	0.4600	0.5681	0.6555	0.4182
item*urb_rur	pegs, 2	0	0.0000	0.0000	•	•
item*urb_rur	shotgun, 1	1	0.3139	0.4521	0.4820	0.4875
item*urb_rur	shotgun, 2	0	0.0000	0.0000		
scale	0	1.00	0.0000			

9 by Sub-Region without Southland-Otago

Analysis Of Initial Parameter Estimate	es
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parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000		•	
item	Chinese	1	-26.3653	0.7500	1235.7818	0.0001
item	dibs	1	-26.3652	1.0607	617.8880	0.0001
item	pegs	1	-26.3655	0.5262	2510.2184	0.0001
item	shotgun	1	-0.8473	0.6901	1.5076	0.2195
item*region2	Chinese, 1	1	24.7558	1.3276	347.7169	0.0001
item*region2	Chinese, 2	1	-0.0001	216811.094	0.0000	1.0000
item*region2	Chinese, 3	1	24.6913	0.9789	636.1668	0.0001
item*region2	Chinese, 4	1	23.8804	1.0508	516.4724	0.0001
item*region2	Chinese, 5	1	23.9674	1.2858	347.4245	0.0001
item*region2	Chinese, 6	1	23.3207	1.2689	337.7745	0.0001
item*region2	Chinese, 7	1	-0.0001	177025.517	0.0000	1.0000
item*region2	Chinese, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	Chinese, 9	0	24.2858	0.0000		•
item*region2	Chinese, 10	0	0.0000	0.0000		
item*region2	dibs, 1	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 2	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 3	1	24.6912	1.2332	400.8702	0.0001
item*region2	dibs, 4	1	-0.0001	104152.681	0.0000	1.0000
item*region2	dibs, 5	1	-0.0001	153308.595	0.0000	1.0000
item*region2	dibs, 6	1	23.3207	1.4740	250.3219	0.0001
item*region2	dibs, 7	0	24.2858	0.0000		
item*region2	dibs, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	dibs, 9	1	-0.0001	125175.944	0.0000	1.0000
item*region2	dibs, 10	0	0.0000	0.0000		•
item*region2	pegs, 1	1	0.0001	216811.094	0.0000	1.0000
item*region2	pegs, 2	1	0.0001	216811.094	0.0000	1.0000
item*region2	pegs, 3	1	0.0001	121837.317	0.0000	1.0000
item*region2	pegs, 4	1	23.1466	1.1476	406.8304	0.0001
item*region2	pegs, 5	1	26.0290	0.7873	1093.1425	0.0001
item*region2	pegs, 6	1	23.3209	1.1509	410.6068	0.0001
item*region2	pegs, 7	1	0.0001	177025.517	0.0000	1.0000
item*region2	pegs, 8	1	26.3655	0.9714	736.6945	0.0001
item*region2	pegs, 9	0	25.4099	0.0000		
item*region2	pegs, 10	0	0.0000	0.0000		
item*region2	shotgun, 1	1	-0.7621	1.2947	0.3465	0.5561
item*region2	shotgun, 2	1	1.5404	1.1073	1.9352	0.1642
item*region2	shotgun, 3	1	-0.4745	0.8904	0.2839	0.5941
item*region2	shotgun, 4	1	-1.1896	0.9236	1.6590	0.1977
item*region2	shotgun, 5	1	-0.2513	0.9595	0.0686	0.7934
item*region2	shotgun, 6	1	-2.1972	1.2344	3.1682	0.0751
item*region2	shotgun, 7	1	-0.4055	1.0579	0.1469	0.7015

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item*region2	shotgun, 8	1	0.1542	1.1073	0.0194	0.8893
item*region2	shotgun, 9	1	-1.2321	1.0192	1.4616	0.2267
item*region2	shotgun, 10	0	0.0000	0.0000		
scale	0	1.00	0.0000			

9 by Sub-Region without Southland-Otago or Timaru-Central Lakes Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	Chinese	1	-2.0794	0.7500	7.6872	0.0056
item	dibs	1	-27.3653	1.0607	665.6524	0.0001
item	pegs	1	-0.9555	0.5262	3.2970	0.0694
item	shotgun	1	-2.0794	0.7500	7.6872	0.0056
item*region2	Chinese, 1	1	0.4700	1.3276	0.1253	0.7233
item*region2	Chinese, 2	1	-25.2859	357461.063	0.0000	0.9999
item*region2	Chinese, 3	1	0.4055	0.9789	0.1715	0.6787
item*region2	Chinese, 4	1	-0.4055	1.0508	0.1489	0.6996
item*region2	Chinese, 5	1	-0.3185	1.2858	0.0613	0.8044
item*region2	Chinese, 6	1	-0.9651	1.2689	0.5785	0.4469
item*region2	Chinese, 7	1	-25.2859	291865.736	0.0000	0.9999
item*region2	Chinese, 8	1	-25.2859	357461.063	0.0000	0.9999
item*region2	Chinese, 9	0	0.0000	0.0000	•	•
item*region2	dibs, 1	1	-0.0000	357461.063	0.0000	1.0000
item*region2	dibs, 2	1	-0.0000	357461.063	0.0000	1.0000
item*region2	dibs, 3	1	25.6913	1.2332	434.0012	0.0001
item*region2	dibs, 4	1	-0.0000	171718.740	0.0000	1.0000
item*region2	dibs, 5	1	-0.0000	252763.142	0.0000	1.0000
item*region2	dibs, 6	1	24.3208	1.4740	272.2519	0.0001
item*region2	dibs, 7	0	25.2858	0.0000		•
item*region2	dibs, 8	1	-0.0000	357461.063	0.0000	1.0000
item*region2	dibs, 9	0	0.0000	0.0000		
item*region2	pegs, 1	1	-26.4098	357461.063	0.0000	0.9999
item*region2	pegs, 2	1	-26.4098	357461.063	0.0000	0.9999
item*region2	pegs, 3	1	-26.4098	200875.776	0.0000	0.9999
item*region2	pegs, 4	1	-2.2634	1.1476	3.8900	0.0486
item*region2	pegs, 5	1	0.6190	0.7873	0.6183	0.4317
item*region2	pegs, 6	1	-2.0890	1.1509	3.2947	0.0695
item*region2	pegs, 7	1	-26.4098	291865.736	0.0000	0.9999
item*region2	pegs, 8	1	0.9555	0.9714	0.9676	0.3253
item*region2	pegs, 9	0	0.0000	0.0000		•
item*region2	shotgun, 1	1	0.4700	1.3276	0.1253	0.7233
item*region2	shotgun, 2	1	2.7726	1.1456	5.8570	0.0155
item*region2	shotgun, 3	1	0.7577	0.9376	0.6530	0.4190
item*region2	shotgun, 4	1	0.0426	0.9692	0.0019	0.9650
item*region2	shotgun, 5	1	0.9808	1.0035	0.9554	0.3284

item*region2	shotgun, 6	1	-0.9651	1.2689	0.5785	0.4469
item*region2	shotgun, 7	1	0.8267	1.0979	0.5670	0.4515
item*region2	shotgun, 8	1	1.3863	1.1456	1.4642	0.2263
item*region2	shotgun, 9	0	0.0000	0.0000		
scale	0	1.00	0.0000	•		

9 by North Island Sub-Regions only Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	Chinese	1	-3.0445	1.0235	8.8478	0.0029
item	dibs	1	-3.0445	1.0235	8.8478	0.0029
item	pegs	1	-3.0445	1.0235	8.8478	0.0029
item	shotgun	1	-3.0445	1.0235	8.8478	0.0029
item*region2	Chinese, 1	1	1.4351	1.4992	0.9163	0.3385
item*region2	Chinese, 2	1	-24.3208	357461.063	0.0000	0.9999
item*region2	Chinese, 3	1	1.3705	1.2014	1.3013	0.2540
item*region2	Chinese, 4	1	0.5596	1.2607	0.1971	0.6571
item*region2	Chinese, 5	1	0.6466	1.4624	0.1955	0.6584
item*region2	Chinese, 6	0	0.0000	0.0000		
item*region2	dibs, 1	1	-24.3208	357461.063	0.0000	0.9999
item*region2	dibs, 2	1	-24.3208	357461.063	0.0000	0.9999
item*region2	dibs, 3	1	1.3705	1.2014	1.3013	0.2540
item*region2	dibs, 4	1	-24.3208	171718.740	0.0000	0.9999
item*region2	dibs, 5	1	-24.3208	252763.142	0.0000	0.9999
item*region2	dibs, 6	0	0.0000	0.0000		
item*region2	pegs, 1	1	-24.3208	357461.063	0.0000	0.9999
item*region2	pegs, 2	1	-24.3208	357461.063	0.0000	0.9999
item*region2	pegs, 3	1	-24.3208	200875.776	0.0000	0.9999
item*region2	pegs, 4	1	-0.1744	1.4449	0.0146	0.9040
item*region2	pegs, 5	1	2.7081	1.1792	5.2741	0.0216
item*region2	pegs, 6	0	0.0000	0.0000		
item*region2	shotgun, 1	1	1.4351	1.4992	0.9163	0.3385
item*region2	shotgun, 2	1	3.7377	1.3408	7.7715	0.0053
item*region2	shotgun, 3	1	1.7228	1.1680	2.1754	0.1402
item*region2	shotgun, 4	1	1.0076	1.1935	0.7128	0.3985
item*region2	shotgun, 5	1	1.9459	1.2215	2.5378	0.1111
item*region2	shotgun, 6	0	0.0000	0.0000		
scale	0	1.00	0.0000			

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	Chinese	1	-2.1277	0.8740	5.9272	0.0149
item	dibs	1	-4.9088	1.9627	6.2555	0.0124
item	pegs	1	-1.7395	0.7290	5.6939	0.0170
item	shotgun	1	-1.9591	0.6468	9.1754	0.0025
decile*item	Chinese	1	0.0189	0.1188	0.0254	0.8734
decile*item	dibs	1	0.3398	0.2299	2.1847	0.1394
decile*item	pegs	1	-0.1062	0.0989	1.1536	0.2828
decile*item	shotgun	1	0.0375	0.0808	0.2150	0.6429
item*urb_rur	Chinese, 1	1	-1.2933	0.7253	3.1796	0.0746
item*urb_rur	Chinese, 2	0	0.0000	0.0000		
item*urb_rur	dibs, 1	1	-23.5307	55205.7344	0.0000	0.9997
item*urb_rur	dibs, 2	0	0.0000	0.0000		•
item*urb_rur	pegs, 1	1	0.3516	0.5772	0.3711	0.5424
item*urb_rur	pegs, 2	0	0.0000	0.0000	•	•
item*urb_rur	shotgun, 1	1	0.3579	0.4629	0.5979	0.4394
item*urb_rur	shotgun, 2	0	0.0000	0.0000	l	· _
scale	0	1.00	0.0000			

9 by Decile and Urban/Rural Analysis Of Initial Parameter Estimates