

Embarrassment

Laurie and Winifred Bauer

Question 32 asked about ways of expressing embarrassment:

32 When you were talking to one of the teachers, you called her “Mum” by mistake. You went red in the face and felt very uncomfortable. You want to tell your friend **how you felt**. What would you say?

This situation clearly rang a bell with most students, although a very few commented that they wouldn't feel embarrassed. It brought a number of one-off humorous responses, such as *I've got to get out of the house more*, and *Poor Mum*. However, most of the responses fell into one of two groups: one saying that the person felt embarrassment, and one saying that the person felt stupid.

The responses were grouped in two ways. On one level, all the responses of a similar kind were grouped together, so that all the forms with the root *shame* formed a group, and all the responses of the form *like a X* where *X* was someone stupid were grouped. However, the items in these groups were also contrasted with each other, in case there were patterns at the lower level.

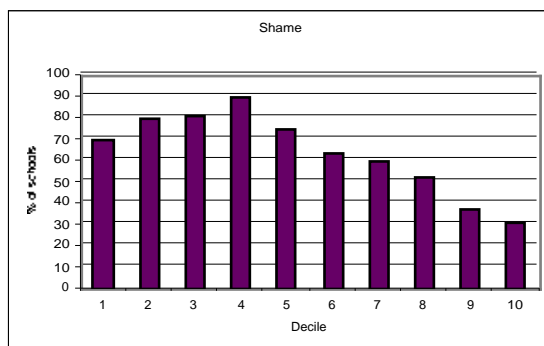
The high frequency responses to this question were: *shame* (all forms) (94); *embarrass* (all forms) (71); *felt stink* (32); *felt stupid* (etc.) (30); *bumped out* (28); *felt like a dick* (etc.) (26).

Shame was reported in a surprising number of different forms, and these were examined separately (see below). We have discussed the development of these forms elsewhere (*Kotare* Vol. 3, No. 1, pp. 3-9). It was reported from Northland to Southland, but its distribution was not even across the country, as the following tables show. There is a slight skewing towards the Northern Region as opposed to the Central Region, but a far more dramatic split between the two islands: *shame* forms are noticeably more frequent in the North Island than the South Island.

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Shame	45	48	41	43	7	7

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
Shame	75	80	19	20

There also appears to be some social differentiation in the use of this form, with a tendency for it to be more common in lower decile schools than in higher decile schools.



Embarrass was also found from Northland to Southland, and shows no sign of any tendency to regionalisation. Neither did it show any tendency to social differentiation.

Felt stink (32) was reported from Northland to Central Otago, but was much less common in the South Island than the North, as well as being absent from the Southern Region:

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Felt stink</i>	13	41	19	59	0	0

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
<i>Felt stink</i>	27	84	5	16

It showed no tendency to social differentiation.

Felt stupid (etc.) was reported from Auckland to Southland, but it was not evenly distributed across the country. It was rather less common than might be expected in the Northern Region, and considerably more common than expected in the Southern Region. This difference is also reflected in the distribution figures for the two Islands. However, because this is a category consisting of a number of different forms (*felt stupid*, *felt dumb*, *felt silly*, etc.) not too much should be made of this.

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Felt stupid</i> etc	8	27	15	50	7	23

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
<i>Felt stupid</i> etc	15	50	15	50

Felt stupid did not show any noticeable tendency to social differentiation.

Bummed out (in the expression *I felt bummed out*) was found from Northland to Southland, but it was more common in the extremes of the country than in the middle, as the following table shows:

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Bummed out</i>	15	54	9	32	4	14

It did not show any clear signs of social differentiation.

Felt like a dick (etc.) was reported from Northland to Southland. There was a slight tendency for it to be more common in the Central Region.

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Felt like a dick</i>	9	35	16	62	1	4

However, not a great deal can be made of this since this is a category made up of a number of distinct forms, e.g. *felt like a dick*, *a dork*, *an egg*, *a loser* etc. It did not show any social differentiation.

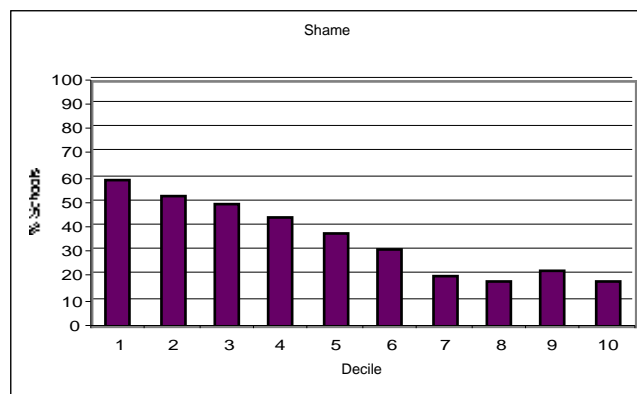
The individual *shame* forms were also investigated. The following terms were reported: *shame* (in *I felt shame*, *I felt shame as*, *I felt so shame*) (51); *shamed* (in *I felt shamed*) (37); *shamed out* (19); *shameful* (*I felt shameful*; *It was shameful*) (12); *ashamed* (2); *shame-o* (2); *shames* (2); *shaming* (*It was shaming*) (2).

Shame was reported from Northland to Southland. However, the general pattern noted for the combined *shame* forms is repeated here: *shame* is more common in the North Island than the South. However, it also shows a considerable degree of regionalisation to the Northern Region:

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
<i>Shame</i>	47	92	4	8

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Shame</i>	29	58	19	37	2	4

Perhaps not surprisingly, there appears to be social differentiation, as well, with *shame* more common in lower decile schools. Further statistical investigation will be needed to sort out the interaction between the social and regional factors.

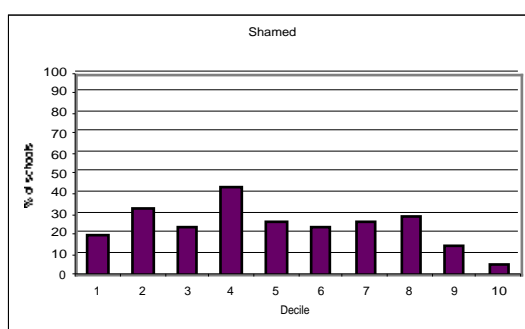


Shamed was also reported from Northland to Southland, but again was not evenly spread across the country. It is much more common in the North Island than the South Island, and a little more frequent than might be expected in the Northern Region, and correspondingly a little less frequent in the Central Region.

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
<i>Shamed</i>	30	81	7	19

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
<i>Shamed</i>	18	49	16	43	3	8

There is a slight tendency for it to be reported from lower decile schools, but the picture is much less dramatic than for *shame*:

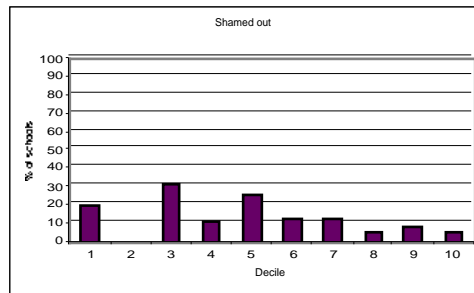


Shamed out was reported from Northland to Southland. It is also more frequent in the North Island than the South, like the group as a whole, and shows a lower than expected frequency in the Central Region.

	North Island		South Island	
	No.	%	No.	%
Schools	93	62	57	38
Shamed out	14	70	6	30

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Shamed out	11	55	6	30	3	15

Shamed out was also socially differentiated to some extent:



The other forms were all so low in frequency that they were scarcely worth plotting. However, it is perhaps worth noting that both the reports of *ashamed* came from the South Island, and that both reports of *shame-o* came from the Rotorua area.

The commonest of the individual forms making up the *Felt like a dick* group and those making up the *Felt stupid* group were also considered individually. The forms considered were: *a dick* (15); *a dork* (6); *an idiot* (5); *an egg* (2); *stupid* (16); *dumb* (11); *silly* (4).

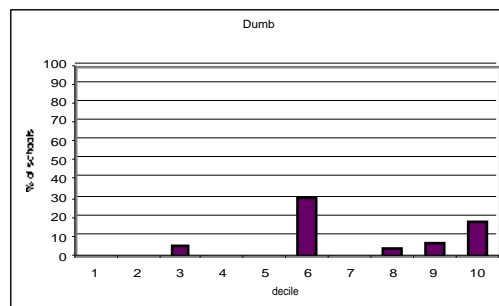
Like a dick and *like an idiot* show no regionalisation or social differentiation.

Like a dork was reported only from the Central Region.

Like an egg was reported only from Hawkes Bay.

Stupid shows no patterning worth comment, and neither does *silly*.

Dumb shows no real regionalisation, but it does appear to be associated with higher decile schools if forms reported in such small numbers show anything:



A number of very low frequency forms were also considered because they showed some tendencies to cluster.

Those considered were *oops* (7); *bummage(d)* (6); *chop* (3); *lash(ed)* (2); *rejection* (2); *burned out* (2); *stuffed up* (2).

Four of the seven reports of *Oops* were from Northland and Auckland. However, it was also reported from Wellington, Nelson and Christchurch.

Four of the six reports of *bummage(d)* were also reported from Northland and Auckland, with the other two from Wellington and Christchurch.

All three reports of *chop* (but in three different forms: *chopped out*, *choppage* and *chops*) were from the Northern Region, specifically from Northland and the Hauraki Plains.

Both reports of *lash* were from Wellington.

The reports of *rejection* were from Northland and Auckland.

The reports of *I stuffed up* were both from Otago.

However, the numbers are so small that they are scarcely significant.

In general, this data seems to support the North Island – South Island division at least as much as a three-region split. These terms also show some social differentiation.

Statistical Analysis

The following forms were investigated statistically: *bumped out*, *bummaged*, *chops*, *lashed*, *shame* (the individual item, not the root), *shamed*, *shamed out*, *I felt stink*.

Bumped out is significantly more common in the Northern than the Central Region (p-value 0.0273).

Bummaged is not reported from the Southern Region.

Chops is low decile (p-value 0.0057), and is reported only from the Northern Region, and thus only from the North Island. It is too low in frequency to make any attempt at investigating the interaction between these profitable.

Lashed is high decile (0.0102) and is reported only from the Central Region, specifically only from the Wellington sub-region, and thus only from the North Island. It is such a low frequency form that any attempt to investigate interactions between these factors was not worthwhile.

Shame is low decile (p-value 0.0008). *Shame* is more common in the Northern than the Southern Region (p-value 0.0238), and significantly more common in the Northern Region than the Central Region (p-value 0.0015). There is also significantly more use of *shame* in the North Island (p-value 0.0001) than the South. There are thus several interactions to investigate.

Firstly, the interaction between Main Region and Decile was considered. Decile is significant when Main Region is taken into account (p-value 0.0062). When Decile is taken into account, the Northern – Southern region contrast is just significant (p-value 0.0304), and so is the Northern – Central contrast (p-value 0.0159). Thus Decile has a stronger effect on the distribution of *shame* than Main Region, but Main Region is still significant.

Next, the interaction between Island and Decile was considered. Island is highly significant when Decile is taken into account (p-value 0.0000, derived from non-zero), and Decile is just significant when Island is taken into account (p-value 0.0101). Thus Island is stronger than Decile in its influence on *shame*, although Decile is still significant.

Lastly, the interaction between Island and Main Region was considered. None of the Main Region contrasts is significant when Island is taken into account, but

Island is still highly significant when Main Region is taken into account (p-value 0.0002). Thus Island is considerably stronger than Main Region, and to a large extent, explains the Main Region distribution.

Overall, then, Island is the most important factor in the distribution of *shame*. The next most important factor is Decile, and Main Region is not particularly important, as it is largely a reflection of the Island pattern.

Shamed is significantly more common in the North Island than the South (p-value 0.0079).

Shamed out is just significantly more common (p-value 0.0458) in the Northern Region than the Central Region.

I felt stink is not reported from the Southern Region. It is significantly more common in the North Island than the South (p-value 0.0054).

Comments from School Visits

This question was asked again during school visits, so that we could be a little more careful about recording the constructions used with *shame*. Decile graphs were prepared for many of the forms provided. Because the number of schools was so small, there were done by grouping the deciles into three clusters: deciles 1-4, deciles 5 and 6, and deciles 7-10.

We had just one report of *ashamed*, confirming that this has really fallen into disuse.

I felt shamed was the most common response, coming from 17 schools.

Interestingly in the light of the original findings, this was more common in the South Island than the North: 9 of the reports came from the 13 South Island schools. This showed perhaps a slight tendency to be more common in low decile schools, which is interesting given the South Island tendency to be high decile.

I felt shame was next most used, with 13 schools reporting it. This was more common in the North Island than the South: 10 of the 13 reports were from the North Island. This showed quite a definite tendency to be more common in low decile schools.

I felt shamed out was reported by 11 schools, 5 in the North Island and 6 in the South, so again, this shows a tendency to be more common in the South Island. It also showed a tendency to be more common in high decile schools.

It was shameful was reported by 7 schools, all but one in the North Island. This was most common in the decile 5 and 6 schools.

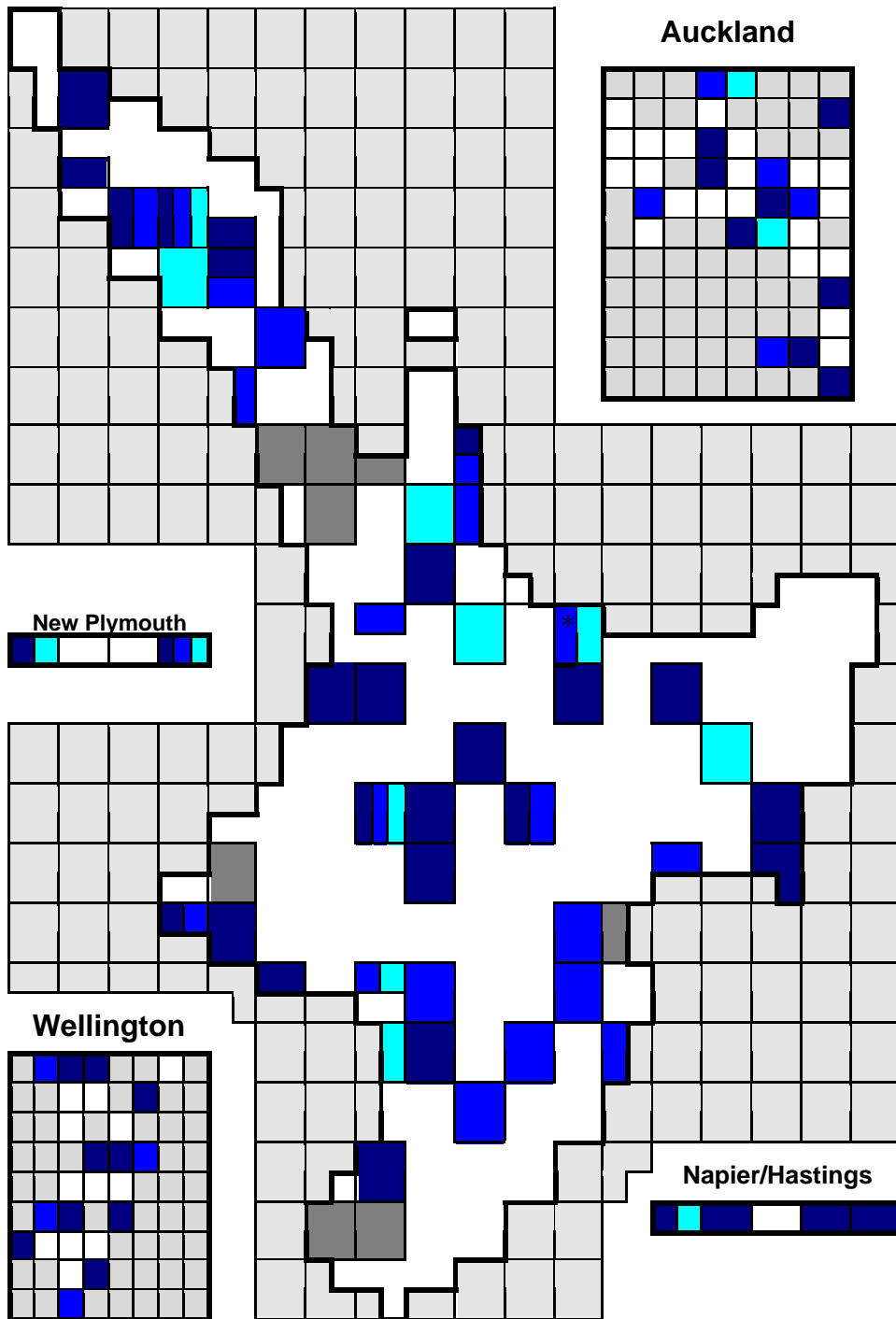
There were also two schools reporting *shame-o(s)*, and one reporting *That was shaming*. There were also 7 schools which preferred *I felt bummed out*, and 4 *I felt bummaged*. Both showed signs of being low decile.

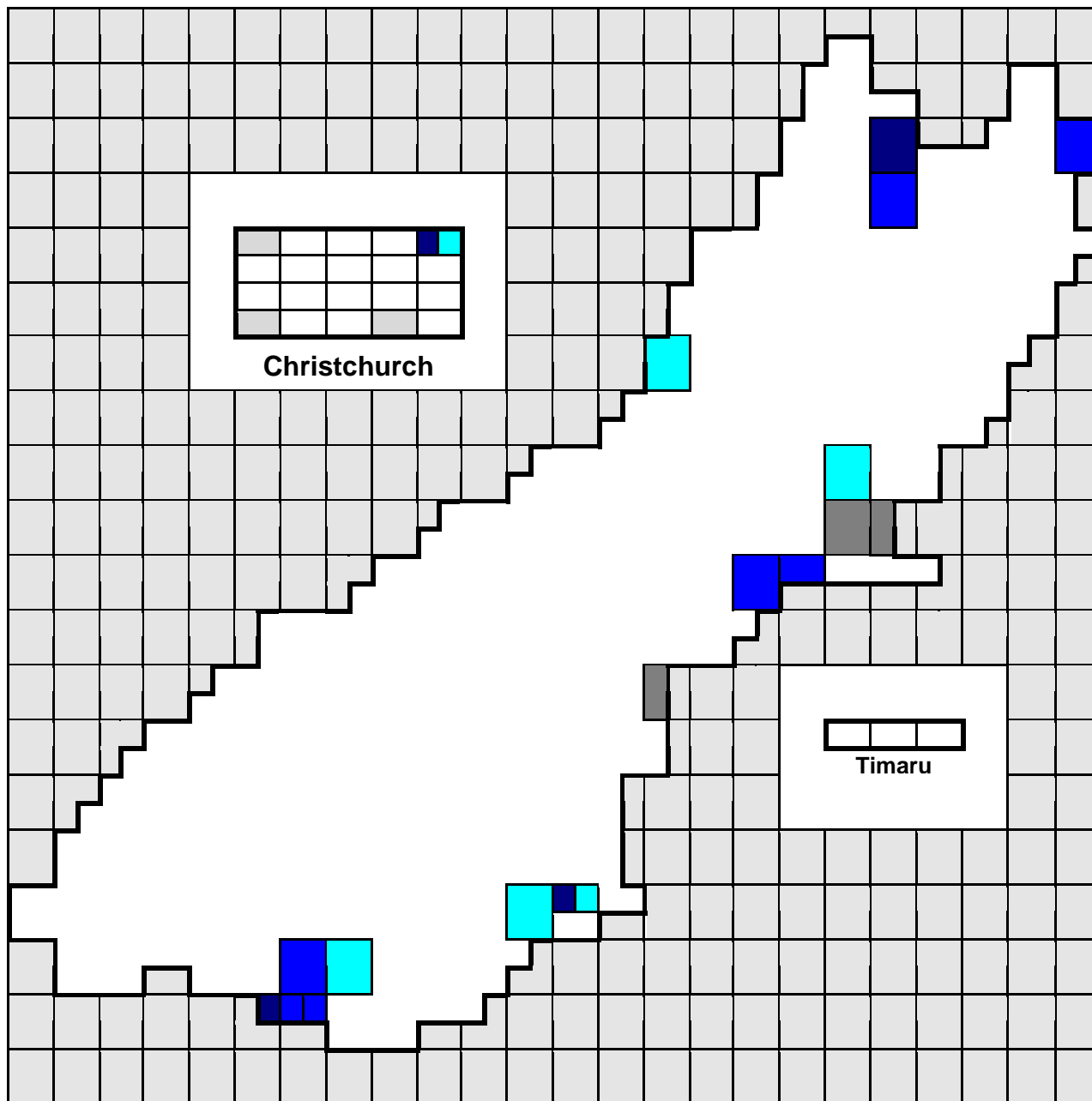
Summary

This set of forms shows influence from both regional and decile factors. It offers more support for the Island division than for the Main Region division, but these regions still play a part in the distribution of these forms.

The relevant maps follow.

Map 1: Shame, Shamed and Shamed Out



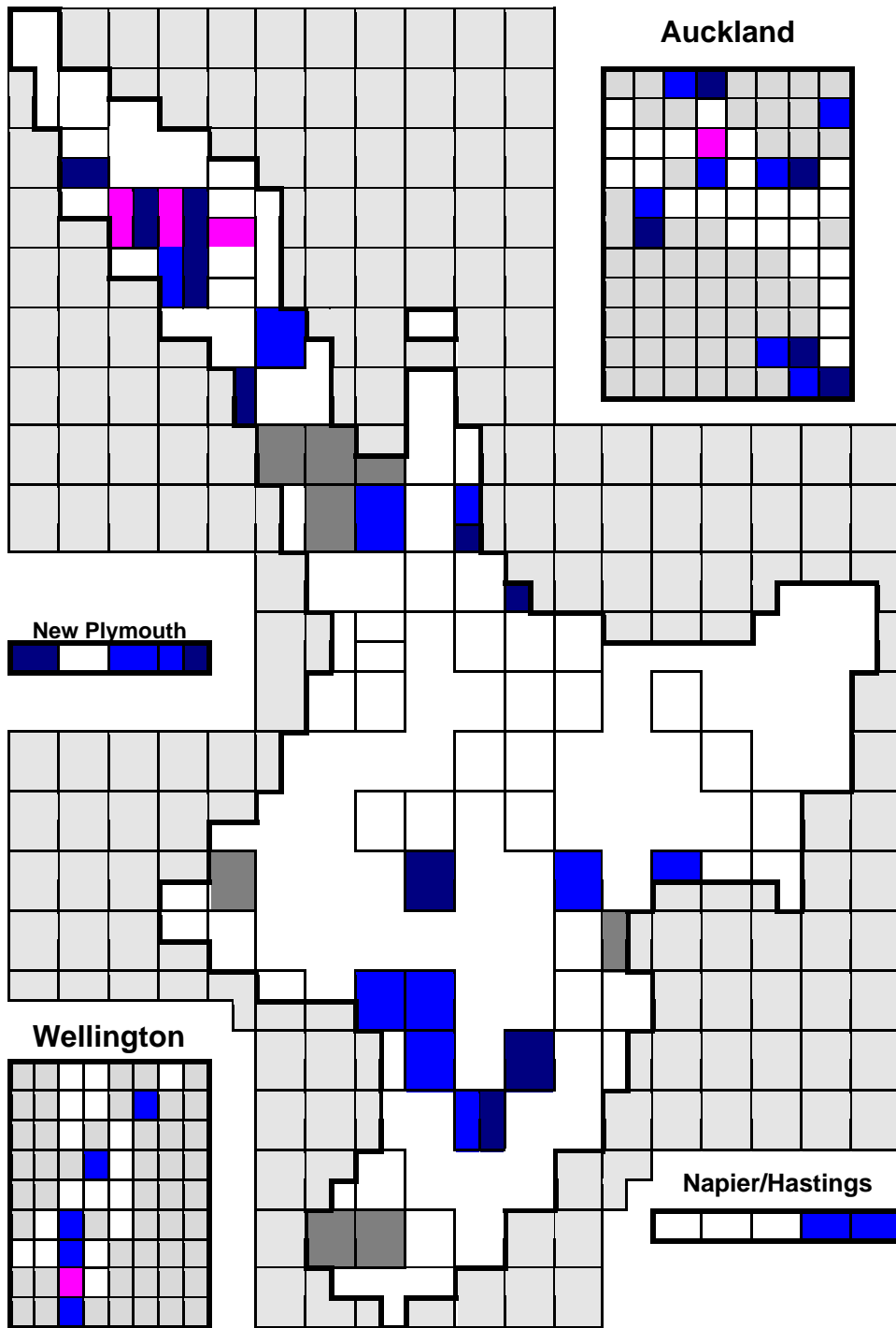


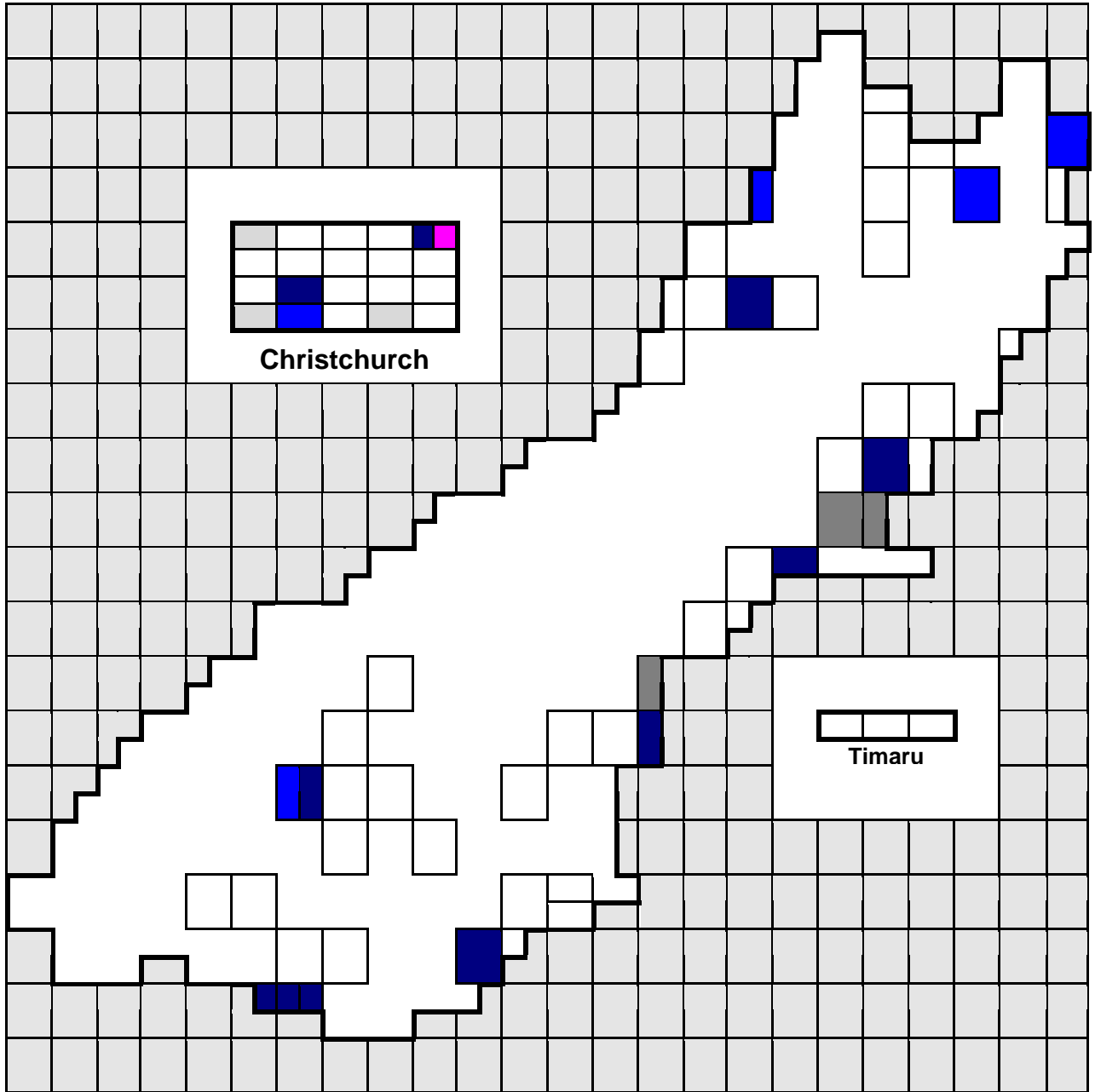
Key

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.

- | | | | |
|---|--------|---|----------------------|
|  | shame |  | See urban map insert |
|  | shamed |  | shamed out |

Map 2: *bumped out, bummaged, felt stink*





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.

- | | | | |
|---|------------|---|----------------------|
|  | bummed out |  | See urban map insert |
|  | feel stink |  | bummed |

Q32 Statistics: Feeling ashamed

Feeling ashamed 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	bum_out	-1.2364	0.4504	-2.1192	-0.3536	-2.745	0.0061
item	bummage	-2.0295	0.6768	-3.3560	-0.7030	-2.999	0.0027
item	chops	-0.8585	0.7935	-2.4137	0.6968	-1.082	0.2793
item	lashed	-14.0059	4.3871	-22.6044	-5.4074	-3.193	0.0014
item	shame	0.6082	0.4021	-0.1798	1.3963	1.5128	0.1303
item	shamed	-0.5873	0.4006	-1.3724	0.1978	-1.466	0.1426
item	shmd_out	-1.2025	0.4704	-2.1244	-0.2805	-2.556	0.0106
item	stink	-2.0430	0.5048	-3.0323	-1.0537	-4.047	0.0001
decile*item	bum_out	-0.0407	0.0712	-0.1802	0.0987	-.5727	0.5668
decile*item	bummage	-0.2296	0.1269	-0.4783	0.0192	-1.809	0.0705
decile*item	chops	-0.9031	0.3267	-1.5434	-0.2627	-2.764	0.0057
decile*item	lashed	1.1712	0.4560	0.2775	2.0649	2.5687	0.0102
decile*item	shame	-0.2310	0.0690	-0.3662	-0.0957	-3.347	0.0008
decile*item	shamed	-0.0941	0.0641	-0.2197	0.0315	-1.468	0.1420
decile*item	shmd_out	-0.1226	0.0783	-0.2761	0.0309	-1.565	0.1175
decile*item	stink	0.1231	0.0734	-0.0207	0.2669	1.6781	0.0933
scale	0.9068	.	.	.	.	.

CONTRAST Statement Results for table on next page

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for bum_out	1	4.8700	0.0273	LR
1 -2 for shame	1	10.1112	0.0015	LR
1 -2 for shamed	1	2.1216	0.1452	LR
1 -2 for shmd_out	1	3.9887	0.0458	LR

Feeling ashamed by Main Region
 Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-0.9163	0.5916	2.3988	0.1214
item	bummage	1	-26.3654	0.7164	1354.6158	0.0001
item	chops	1	-26.3651	0.5932	1975.6038	0.0001
item	lashed	1	-26.3653	0.7164	1354.6130	0.0001
item	shame	1	-1.7918	0.7638	5.5035	0.0190
item	shamed	1	-1.2993	0.6513	3.9792	0.0461
item	shmd_out	1	-1.2993	0.6513	3.9792	0.0461
item	stink	1	-26.3652	0.2638	9990.1913	0.0001
item*region1	bum_out, 1	1	-0.1133	0.6637	0.0292	0.8644
item*region1	bum_out, 2	1	-1.1206	0.6896	2.6403	0.1042
item*region1	bum_out, 3	0	0.0000	0.0000	.	.
item*region1	bummage, 1	1	23.7814	0.8843	723.1895	0.0001
item*region1	bummage, 2	0	22.7278	0.0000	.	.
item*region1	bummage, 3	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	23.4748	0.0000	.	.
item*region1	chops, 2	1	-0.0002	60132.5783	0.0000	1.0000
item*region1	chops, 3	0	0.0000	0.0000	.	.
item*region1	lashed, 1	1	0.0000	70342.8077	0.0000	1.0000
item*region1	lashed, 2	0	22.7277	0.0000	.	.
item*region1	lashed, 3	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	1.8269	0.8084	5.1067	0.0238
item*region1	shame, 2	1	0.6587	0.8080	0.6645	0.4150
item*region1	shame, 3	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	0.5261	0.7109	0.5476	0.4593
item*region1	shamed, 2	1	-0.0553	0.7091	0.0061	0.9379
item*region1	shamed, 3	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	-0.1315	0.7327	0.0322	0.8576
item*region1	shmd_out, 2	1	-1.1856	0.7777	2.3243	0.1274
item*region1	shmd_out, 3	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	25.1460	0.4114	3736.4312	0.0001
item*region1	stink, 2	0	25.2321	0.0000	.	.
item*region1	stink, 3	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Sub-Region
 Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-0.9163	0.5916	2.3988	0.1214
item	bummage	1	-26.3652	1.0290	656.5082	0.0001
item	chops	1	-26.3651	1.0198	668.3844	0.0001
item	lashed	1	-26.3653	0.7416	1263.8734	0.0001
item	shame	1	-1.7918	0.7638	5.5035	0.0190
item	shamed	1	-1.2993	0.6513	3.9792	0.0461
item	shmd_out	1	-1.2993	0.6513	3.9792	0.0461
item	stink	1	-26.3654	1.0541	625.6197	0.0001
item*region2	bum_out, 1	1	1.6094	1.0488	2.3548	0.1249
item*region2	bum_out, 2	1	-25.4490	216811.094	0.0000	0.9999
item*region2	bum_out, 3	1	0.1431	0.7704	0.0345	0.8527
item*region2	bum_out, 4	1	-0.5188	0.7731	0.4504	0.5022
item*region2	bum_out, 5	1	-25.4490	153308.595	0.0000	0.9999
item*region2	bum_out, 6	1	-2.1282	1.1822	3.2408	0.0718
item*region2	bum_out, 7	1	-25.4490	177025.517	0.0000	0.9999
item*region2	bum_out, 8	1	-0.6931	1.2450	0.3100	0.5777
item*region2	bum_out, 9	1	-0.3365	0.8194	0.1686	0.6813
item*region2	bum_out, 10	1	-0.4700	0.9874	0.2266	0.6341
item*region2	bum_out, 11	0	0.0000	0.0000	.	.
item*region2	bummage, 1	1	25.6721	1.3449	364.3566	0.0001
item*region2	bummage, 2	1	24.7558	1.5029	271.3139	0.0001
item*region2	bummage, 3	1	23.4749	1.4541	260.6296	0.0001
item*region2	bummage, 4	1	-0.0001	104152.681	0.0000	1.0000
item*region2	bummage, 5	1	-0.0001	153308.595	0.0000	1.0000
item*region2	bummage, 6	1	23.3207	1.4514	258.1871	0.0001
item*region2	bummage, 7	1	-0.0001	177025.517	0.0000	1.0000
item*region2	bummage, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	bummage, 9	0	23.5320	0.0000	.	.
item*region2	bummage, 10	1	-0.0001	167941.152	0.0000	1.0000
item*region2	bummage, 11	0	0.0000	0.0000	.	.
item*region2	chops, 1	1	25.6720	1.3379	368.1846	0.0001
item*region2	chops, 2	1	-0.0002	216811.094	0.0000	1.0000
item*region2	chops, 3	1	-0.0002	121837.317	0.0000	1.0000
item*region2	chops, 4	0	23.1462	0.0000	.	.
item*region2	chops, 5	1	-0.0002	153308.595	0.0000	1.0000
item*region2	chops, 6	1	-0.0002	113225.901	0.0000	1.0000
item*region2	chops, 7	1	-0.0002	177025.517	0.0000	1.0000
item*region2	chops, 8	1	-0.0002	216811.094	0.0000	1.0000
item*region2	chops, 9	1	-0.0002	125175.944	0.0000	1.0000
item*region2	chops, 10	1	-0.0002	167941.152	0.0000	1.0000
item*region2	chops, 11	0	0.0000	0.0000	.	.

item*region2	lashed, 1	1	0.0000	216811.094	0.0000	1.0000
item*region2	lashed, 2	1	0.0000	216811.094	0.0000	1.0000
item*region2	lashed, 3	1	0.0000	121837.317	0.0000	1.0000
item*region2	lashed, 4	1	0.0000	104152.681	0.0000	1.0000
item*region2	lashed, 5	1	0.0000	153308.595	0.0000	1.0000
item*region2	lashed, 6	0	24.0627	0.0000	.	.
item*region2	lashed, 7	1	0.0000	177025.517	0.0000	1.0000
item*region2	lashed, 8	1	0.0000	216811.094	0.0000	1.0000
item*region2	lashed, 9	1	0.0000	125175.944	0.0000	1.0000
item*region2	lashed, 10	1	0.0000	167941.152	0.0000	1.0000
item*region2	lashed, 11	0	0.0000	0.0000	.	.
item*region2	shame, 1	1	2.4849	1.1547	4.6311	0.0314
item*region2	shame, 2	1	1.0986	1.1547	0.9052	0.3414
item*region2	shame, 3	1	1.6864	0.8913	3.5798	0.0585
item*region2	shame, 4	1	1.9459	0.8591	5.1302	0.0235
item*region2	shame, 5	1	1.7918	0.9574	3.5023	0.0613
item*region2	shame, 6	1	1.7918	0.8747	4.1958	0.0405
item*region2	shame, 7	1	-0.2877	1.3070	0.0484	0.8258
item*region2	shame, 8	1	-24.5736	216811.094	0.0000	0.9999
item*region2	shame, 9	1	-1.0415	1.2815	0.6605	0.4164
item*region2	shame, 10	1	-24.5736	167941.152	0.0000	0.9999
item*region2	shame, 11	0	0.0000	0.0000	.	.
item*region2	shamed, 1	1	0.6061	1.0836	0.3129	0.5759
item*region2	shamed, 2	1	0.6061	1.0836	0.3129	0.5759
item*region2	shamed, 3	1	0.7603	0.8065	0.8887	0.3458
item*region2	shamed, 4	1	0.3008	0.7872	0.1460	0.7024
item*region2	shamed, 5	1	0.6061	0.8940	0.4597	0.4978
item*region2	shamed, 6	1	0.5371	0.7961	0.4553	0.4999
item*region2	shamed, 7	1	0.0465	1.0330	0.0020	0.9641
item*region2	shamed, 8	1	-25.0660	216811.094	0.0000	0.9999
item*region2	shamed, 9	1	-0.7802	0.9933	0.6168	0.4322
item*region2	shamed, 10	1	-25.0660	167941.152	0.0000	0.9999
item*region2	shamed, 11	0	0.0000	0.0000	.	.
item*region2	shmd_out, 1	1	0.6061	1.0836	0.3129	0.5759
item*region2	shmd_out, 2	1	-25.0660	216811.094	0.0000	0.9999
item*region2	shmd_out, 3	1	-0.8408	0.9915	0.7191	0.3964
item*region2	shmd_out,4	1	0.3008	0.7872	0.1460	0.7024
item*region2	shmd_out, 5	1	-1.0986	1.2309	0.7966	0.3721
item*region2	shmd_out, 6	1	-1.0033	0.9870	1.0332	0.3094
item*region2	shmd_out, 7	1	-25.0660	177025.517	0.0000	0.9999
item*region2	shmd_out, 8	1	-0.3102	1.2745	0.0592	0.8077
item*region2	shmd_out, 9	1	-0.7802	0.9933	0.6168	0.4322
item*region2	shmd_out, 10	1	-25.0660	167941.152	0.0000	0.9999
item*region2	shmd_out, 11	0	0.0000	0.0000	.	.
item*region2	stink, 1	1	24.7559	1.5202	265.1783	0.0001

item*region2	stink, 2	1	24.7559	1.5202	265.1783	0.0001
item*region2	stink, 3	1	25.8264	1.1564	498.7670	0.0001
item*region2	stink, 4	1	24.6606	1.1860	432.3627	0.0001
item*region2	stink, 5	1	25.6722	1.2191	443.4818	0.0001
item*region2	stink, 6	1	26.1831	1.1377	529.6112	0.0001
item*region2	stink, 7	1	25.1126	1.3244	359.5523	0.0001
item*region2	stink, 8	1	24.7559	1.5202	265.1783	0.0001
item*region2	stink, 9	1	23.5322	1.4731	255.1978	0.0001
item*region2	stink, 10	0	24.1682	0.0000	.	.
item*region2	stink, 11	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Island

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-1.4307	0.3356	18.1719	0.0001
item	bummage	1	-4.0254	1.0089	15.9192	0.0001
item	chops	1	-26.3653	0.5869	2018.1166	0.0001
item	lashed	1	-26.3653	0.7148	1360.3624	0.0001
item	shame	1	-2.5840	0.5185	24.8339	0.0001
item	shamed	1	-1.9661	0.4036	23.7361	0.0001
item	shmd_out	1	-2.1401	0.4316	24.5867	0.0001
item	stink	1	-2.3418	0.4682	25.0150	0.0001
item*island	bum_out, 1	1	-0.0668	0.4297	0.0241	0.8765
item*island	bum_out, 2	0	0.0000	0.0000	.	.
item*island	bummage, 1	1	1.1575	1.1087	1.0899	0.2965
item*island	bummage, 2	0	0.0000	0.0000	.	.
item*island	chops, 1	0	22.9641	0.0000	.	.
item*island	chops, 2	0	0.0000	0.0000	.	.
item*island	lashed, 1	0	22.5476	0.0000	.	.
item*island	lashed, 2	0	0.0000	0.0000	.	.
item*island	shame, 1	1	2.6055	0.5585	21.7666	0.0001
item*island	shame, 2	0	0.0000	0.0000	.	.
item*island	shamed, 1	1	1.2242	0.4605	7.0668	0.0079
item*island	shamed, 2	0	0.0000	0.0000	.	.
item*island	shmd_out, 1	1	0.4097	0.5200	0.6208	0.4308
item*island	shmd_out, 2	0	0.0000	0.0000	.	.
item*island	stink, 1	1	1.4480	0.5210	7.7248	0.0054
item*island	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Catholic
 Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-2.7081	1.0328	6.8752	0.0087
item	bummage	1	-2.7081	1.0328	6.8752	0.0087
item	chops	1	-24.3653	0.5841	1740.2204	0.0001
item	lashed	1	-2.7081	1.0328	6.8752	0.0087
item	shame	1	-0.2513	0.5040	0.2487	0.6180
item	shamed	1	-1.4663	0.6405	5.2410	0.0221
item	shmd_out	1	-24.3653	0.2429	10060.6520	0.0001
item	stink	1	-1.0986	0.5774	3.6208	0.0571
item*catholic	bum_out, 1	1	1.3595	1.0551	1.6601	0.1976
item*catholic	bum_out, 2	0	0.0000	0.0000	.	.
item*catholic	bummage, 1	1	-0.5188	1.1290	0.2112	0.6459
item*catholic	bummage, 2	0	0.0000	0.0000	.	.
item*catholic	chops, 1	0	20.6119	0.0000	.	.
item*catholic	chops, 2	0	0.0000	0.0000	.	.
item*catholic	lashed, 1	1	-2.1595	1.4403	2.2481	0.1338
item*catholic	lashed, 2	0	0.0000	0.0000	.	.
item*catholic	shame, 1	1	-0.4304	0.5368	0.6428	0.4227
item*catholic	shame, 2	0	0.0000	0.0000	.	.
item*catholic	shamed, 1	1	0.4180	0.6708	0.3883	0.5332
item*catholic	shamed, 2	0	0.0000	0.0000	.	.
item*catholic	shmd_out, 1	0	22.6515	0.0000	.	.
item*catholic	shmd_out, 2	0	0.0000	0.0000	.	.
item*catholic	stink, 1	1	-0.2499	0.6164	0.1644	0.6851
item*catholic	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Urban/Rural
 Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-1.5892	0.3470	20.9759	0.0001
item	bummage	1	-2.9267	0.5926	24.3908	0.0001
item	chops	1	-26.3653	0.5877	2012.6428	0.0001
item	lashed	1	-3.3499	0.7194	21.6829	0.0001
item	shame	1	-0.4480	0.2669	2.8170	0.0933
item	shamed	1	-1.3652	0.3234	17.8175	0.0001
item	shmd_out	1	-2.0053	0.4026	24.8098	0.0001
item	stink	1	-0.9886	0.2928	11.3969	0.0007
item*urb_rur	bum_out, 1	1	0.1883	0.4401	0.1831	0.6687
item*urb_rur	bum_out, 2	0	0.0000	0.0000	.	.
item*urb_rur	bummage, 1	1	-0.3935	0.8346	0.2223	0.6373
item*urb_rur	bummage, 2	0	0.0000	0.0000	.	.
item*urb_rur	chops, 1	0	23.0451	0.0000	.	.
item*urb_rur	chops, 2	0	0.0000	0.0000	.	.
item*urb_rur	lashed, 1	1	-23.0154	57267.4574	0.0000	0.9997
item*urb_rur	lashed, 2	0	0.0000	0.0000	.	.
item*urb_rur	shame, 1	1	-0.3337	0.3539	0.8890	0.3458
item*urb_rur	shame, 2	0	0.0000	0.0000	.	.
item*urb_rur	shamed, 1	1	0.4162	0.4030	1.0664	0.3018
item*urb_rur	shamed, 2	0	0.0000	0.0000	.	.
item*urb_rur	shmd_out, 1	1	0.0857	0.5161	0.0276	0.8680
item*urb_rur	shmd_out, 2	0	0.0000	0.0000	.	.
item*urb_rur	stink, 1	1	-0.6490	0.4136	2.4621	0.1166
item*urb_rur	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed in Northern and Central Regions only

Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-2.0369	0.3544	33.0315	0.0001
item	bummage	1	-3.6376	0.7164	25.7855	0.0001
item	chops	1	-26.3653	0.5932	1975.6300	0.0001
item	lashed	1	-3.6376	0.7164	25.7855	0.0001
item	shame	1	-1.1331	0.2638	18.4521	0.0001
item	shamed	1	-1.3545	0.2804	23.3348	0.0001
item	shmd_out	1	-2.4849	0.4249	34.1987	0.0001
item	stink32	1	-1.1331	0.2638	18.4521	0.0001
item*region1	bum_out, 1	1	1.0073	0.4648	4.6954	0.0302
item*region1	bum_out, 2	0	0.0000	0.0000	.	.
item*region1	bummage, 1	1	1.0536	0.8843	1.4195	0.2335
item*region1	bummage, 2	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	23.4749	0.0000	.	.
item*region1	chops, 2	0	0.0000	0.0000	.	.
item*region1	lashed, 1	1	-22.7277	70342.8077	0.0000	0.9997
item*region1	lashed, 2	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	1.1682	0.3739	9.7631	0.0018
item*region1	shame, 2	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	0.5814	0.3998	2.1146	0.1459
item*region1	shamed, 2	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	1.0542	0.5415	3.7900	0.0516
item*region1	shmd_out, 2	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	-0.0861	0.4114	0.0438	0.8341
item*region1	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Decile and Main Region, Model 2 (no sig. figs. Model 1)

Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-0.8888	0.7489	1.4084	0.2353
item	bummage	1	-25.3520	1.1245	508.3012	0.0001
item	chops	1	-23.5422	1.2119	377.3860	0.0001
item	lashed	1	-34.5015	7.7316	19.9132	0.0001
item	shame	1	-0.7696	0.8470	0.8255	0.3636
item	shamed	1	-0.8480	0.7614	1.2406	0.2654
item	shmd_out	1	-0.7905	0.8198	0.9296	0.3350
item	stink	1	-27.1224	0.6044	2013.5056	0.0001
item*region1	bum_out, 1	1	-0.1175	0.6673	0.0310	0.8603
item*region1	bum_out, 2	1	-1.1175	0.6915	2.6115	0.1061
item*region1	bum_out, 3	0	0.0000	0.0000	.	.

item*region1	bummage, 1	1	23.6124	0.9170	663.0006	0.0001
item*region1	bummage, 2	0	22.8416	0.0000	.	.
item*region1	bummage, 3	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	23.0434	0.0000	.	.
item*region1	chops, 2	1	0.5298	52303.6984	0.0000	1.0000
item*region1	chops, 3	0	0.0000	0.0000	.	.
item*region1	lashed, 1	1	0.5696	58382.4215	0.0000	1.0000
item*region1	lashed, 2	0	22.0980	0.0000	.	.
item*region1	lashed, 3	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	1.7632	0.8253	4.5645	0.0326
item*region1	shame, 2	1	0.8272	0.8276	0.9990	0.3176
item*region1	shame, 3	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	0.4616	0.7161	0.4155	0.5192
item*region1	shamed, 2	1	-0.0015	0.7139	0.0000	0.9983
item*region1	shamed, 3	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	-0.2109	0.7410	0.0810	0.7759
item*region1	shmd_out, 2	1	-1.1322	0.7827	2.0926	0.1480
item*region1	shmd_out, 3	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	25.2612	0.4314	3428.5248	0.0001
item*region1	stink, 2	0	25.1608	0.0000	.	.
item*region1	stink, 3	0	0.0000	0.0000	.	.
decile*item	bum_out	1	-0.0048	0.0796	0.0036	0.9524
decile*item	bummage	1	-0.1950	0.1687	1.3355	0.2478
decile*item	chops	1	-0.7622	0.4958	2.3635	0.1242
decile*item	lashed	1	1.0347	0.8131	1.6194	0.2032
decile*item	shame	1	-0.1951	0.0710	7.5606	0.0060
decile*item	shamed	1	-0.0805	0.0718	1.2581	0.2620
decile*item	shmd_out	1	-0.0912	0.0917	0.9892	0.3199
decile*item	stink	1	0.1245	0.0790	2.4854	0.1149
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Decile and Island, Model 2 (no sig. figs. Model 1)

Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-1.1239	0.5980	3.5323	0.0602
item	bummage	1	-2.8865	1.3432	4.6179	0.0316
item	chops	1	-22.8482	1.1355	404.8964	0.0001
item	lashed	1	-35.9666	7.7878	21.3291	0.0001
item	shame32	1	-1.4673	0.6591	4.9562	0.0260
item	shamed3	1	-1.5972	0.5985	7.1216	0.0076
item	shmd_ou	1	-1.4335	0.6929	4.2805	0.0386
item	stink32	1	-3.5521	0.7365	23.2585	0.0001
item*island	bum_out, 1	1	-0.1271	0.4420	0.0826	0.7737
item*island	bum_out, 2	0	0.0000	0.0000	.	.

item*island	bummage, 1	1	0.8993	1.1362	0.6264	0.4287
item*island	bummage, 2	0	0.0000	0.0000	.	.
item*island	chops, 1	0	21.8274	0.0000	.	.
item*island	chops, 2	0	0.0000	0.0000	.	.
item*island	lashed, 1	0	22.6790	0.0000	.	.
item*island	lashed, 2	0	0.0000	0.0000	.	.
item*island	shame, 1	1	2.4657	0.5650	19.0462	0.0001
item*island	shame, 2	0	0.0000	0.0000	.	.
item*island	shamed, 1	1	1.1559	0.4682	6.0960	0.0135
item*island	shamed, 2	0	0.0000	0.0000	.	.
item*island	shmd_out, 1	1	0.2643	0.5362	0.2430	0.6221
item*island	shmd_out, 2	0	0.0000	0.0000	.	.
item*island	stink, 1	1	1.6796	0.5375	9.7653	0.0018
item*island	stink, 2	0	0.0000	0.0000	.	.
decile*item	bum_out	1	-0.0476	0.0778	0.3748	0.5404
decile*item	bummage	1	-0.1905	0.1631	1.3644	0.2428
decile*item	chops	1	-0.7317	0.4651	2.4754	0.1156
decile*item	lashed	1	1.1583	0.8204	1.9936	0.1580
decile*item	shame	1	-0.1842	0.0719	6.5733	0.0104
decile*item	shamed	1	-0.0576	0.0704	0.6704	0.4129
decile*item	shmd_out	1	-0.1127	0.0900	1.5684	0.2104
decile*item	stink	1	0.1748	0.0776	5.0782	0.0242
scale	0	1.00	0.0000	.	.	.

Feeling ashamed by Main Region and Island, Model 2 (no sig. figs. Model 1)

Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-0.9163	0.5916	2.3988	0.1214
item	bummage	1	-26.3652	1.0118	678.9566	0.0001
item	chops	1	-26.3653	0.5932	1975.6255	0.0001
item	lashed	1	-26.3653	0.7282	1310.8177	0.0001
item	shame32	1	-1.7918	0.7638	5.5035	0.0190
item	shamed3	1	-1.2993	0.6513	3.9792	0.0461
item	shmd_ou	1	-1.2993	0.6513	3.9792	0.0461
item	stink32	1	-26.3663	0.4757	3071.7377	0.0001
item*region1	bum_out, 1	1	1.0524	1.0684	0.9704	0.3246
item*region1	bum_out, 2	1	-0.7213	0.7216	0.9994	0.3175
item*region1	bum_out, 3	0	0.0000	0.0000	.	.
item*region1	bummage, 1	1	23.5699	1.1394	427.9035	0.0001
item*region1	bummage, 2	0	22.6275	0.0000	.	.
item*region1	bummage, 3	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	23.4749	0.0000	.	.
item*region1	chops, 2	1	-0.0001	60132.5783	0.0000	1.0000
item*region1	chops, 3	0	0.0000	0.0000	.	.

item*region1	lashed, 1	1	-23.5620	70342.8077	0.0000	0.9997
item*region1	lashed, 2	0	0.0000	0.0000	.	.
item*region1	lashed, 3	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	-1.1364	1.1368	0.9993	0.3175
item*region1	shame, 2	1	-1.2287	1.0525	1.3628	0.2431
item*region1	shame, 3	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	-1.1006	0.9528	1.3342	0.2481
item*region1	shamed, 2	1	-0.9780	0.8366	1.3666	0.2424
item*region1	shamed, 3	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	-0.3546	1.1224	0.0998	0.7521
item*region1	shmd_out, 2	1	-1.2910	0.8846	2.1297	0.1445
item*region1	shmd_out, 3	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	23.5244	0.4677	2530.4175	0.0001
item*region1	stink, 2	0	24.3382	0.0000	.	.
item*region1	stink, 3	0	0.0000	0.0000	.	.
item*island	bum_out, 1	1	-1.1658	0.8372	1.9388	0.1638
item*island	bum_out, 2	0	0.0000	0.0000	.	.
item*island	bummage, 1	1	0.2113	1.4329	0.0217	0.8828
item*island	bummage, 2	0	0.0000	0.0000	.	.
item*island	chops, 1	0	0.0000	0.0000	.	.
item*island	chops, 2	0	0.0000	0.0000	.	.
item*island	lashed, 1	0	23.5620	0.0000	.	.
item*island	lashed, 2	0	0.0000	0.0000	.	.
item*island	shame, 1	1	2.9633	0.7992	13.7467	0.0002
item*island	shame, 2	0	0.0000	0.0000	.	.
item*island	shamed, 1	1	1.6267	0.6344	6.5749	0.0103
item*island	shamed, 2	0	0.0000	0.0000	.	.
item*island	shmd_out, 1	1	0.2231	0.8502	0.0689	0.7930
item*island	shmd_out, 2	0	0.0000	0.0000	.	.
item*island	stink, 1	1	1.6227	0.5877	7.6241	0.0058
item*island	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for shame	1	0.0461	0.8300	LR

Feeling ashamed by Main Region and Island, Model 2, Northern and Central only
 Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-1.6376	0.4131	15.7164	0.0001
item	bummage	1	-3.7377	1.0118	13.6453	0.0002
item	chops	1	-26.3653	0.5932	1975.6301	0.0001
item	lashed	1	-26.3653	0.7282	1310.8172	0.0001
item	shame32	1	-3.0204	0.7241	17.3973	0.0001
item	shamed3	1	-2.2773	0.5250	18.8141	0.0001
item	shmd_ou	1	-2.5903	0.5986	18.7241	0.0001
item	stink32	1	-2.0281	0.4757	18.1754	0.0001
item*region1	bum_out, 1	1	1.7737	0.7879	5.0681	0.0244
item*region1	bum_out, 2	0	0.0000	0.0000	.	.
item*region1	bummage, 1	1	0.9424	1.1394	0.6840	0.4082
item*region1	bummage, 2	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	23.4749	0.0000	.	.
item*region1	chops, 2	0	0.0000	0.0000	.	.
item*region1	lashed, 1	1	-23.5620	70342.8077	0.0000	0.9997
item*region1	lashed, 2	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	0.0922	0.4296	0.0461	0.8300
item*region1	shame, 2	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	-0.1226	0.4561	0.0723	0.7881
item*region1	shamed, 2	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	0.9364	0.6908	1.8373	0.1753
item*region1	shmd_out, 2	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	-0.8138	0.4677	3.0281	0.0818
item*region1	stink, 2	0	0.0000	0.0000	.	.
item*island	bum_out, 1	1	-1.1658	0.8372	1.9388	0.1638
item*island	bum_out, 2	0	0.0000	0.0000	.	.
item*island	bummage, 1	1	0.2113	1.4329	0.0217	0.8828
item*island	bummage, 2	0	0.0000	0.0000	.	.
item*island	chops, 1	0	0.0000	0.0000	.	.
item*island	chops, 2	0	0.0000	0.0000	.	.
item*island	lashed, 1	0	23.5620	0.0000	.	.
item*island	lashed, 2	0	0.0000	0.0000	.	.
item*island	shame, 1	1	2.9633	0.7992	13.7467	0.0002
item*island	shame, 2	0	0.0000	0.0000	.	.
item*island	shamed, 1	1	1.6267	0.6344	6.5749	0.0103
item*island	shamed, 2	0	0.0000	0.0000	.	.
item*island	shmd_out, 1	1	0.2231	0.8502	0.0689	0.7930
item*island	shmd_out, 2	0	0.0000	0.0000	.	.
item*island	stink, 1	1	1.6227	0.5877	7.6241	0.0058
item*island	stink, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Feeling ashamed by Main Region and Decile, Model 2 , Northern and Central only
 Analysis of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	bum_out	1	-2.2989	0.6751	11.5949	0.0007
item	bummage	1	-2.5103	1.1245	4.9837	0.0256
item	chops	1	-23.0107	1.2119	360.5376	0.0001
item	lashed	1	-12.4035	7.7316	2.5737	0.1087
item	shame	1	0.0281	0.5032	0.0031	0.9555
item	shamed	1	-0.8095	0.5395	2.2514	0.1335
item	shmd_out	1	-1.6693	0.7132	5.4784	0.0193
item	stink	1	-1.9616	0.6044	10.5326	0.0012
item*region1	bum_out, 1	1	1.0698	0.4852	4.8600	0.0275
item*region1	bum_out, 2	0	0.0000	0.0000	.	.
item*region1	bummage, 1	1	0.7707	0.9170	0.7064	0.4006
item*region1	bummage, 2	0	0.0000	0.0000	.	.
item*region1	chops, 1	0	22.5118	0.0000	.	.
item*region1	chops, 2	0	0.0000	0.0000	.	.
item*region1	lashed, 1	1	-21.5272	58346.6158	0.0000	0.9997
item*region1	lashed, 2	0	0.0000	0.0000	.	.
item*region1	shame, 1	1	0.9406	0.3899	5.8187	0.0159
item*region1	shame, 2	0	0.0000	0.0000	.	.
item*region1	shamed, 1	1	0.4538	0.4157	1.1915	0.2750
item*region1	shamed, 2	0	0.0000	0.0000	.	.
item*region1	shmd_out, 1	1	0.8620	0.5611	2.3599	0.1245
item*region1	shmd_out, 2	0	0.0000	0.0000	.	.
item*region1	stink, 1	1	0.1005	0.4314	0.0542	0.8158
item*region1	stink, 2	0	0.0000	0.0000	.	.
decile*item	bum_out	1	0.0401	0.0864	0.2147	0.6431
decile*item	bummage	1	-0.1950	0.1687	1.3355	0.2478
decile*item	chops	1	-0.7622	0.4958	2.3635	0.1242
decile*item	lashed	1	1.0347	0.8131	1.6194	0.2032
decile*item	shame	1	-0.1900	0.0731	6.7493	0.0094
decile*item	shamed	1	-0.0871	0.0756	1.3262	0.2495
decile*item	shmd_out	1	-0.1351	0.1014	1.7762	0.1826
decile*item	stink	1	0.1245	0.0790	2.4854	0.1149
scale	0	1.00	0.0000	.	.	

Summary Stats for Shame

Shame 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	shame	0.6123	0.4010	-0.1736	1.3981	1.5270	0.1268
decile*item	shame	-0.2321	0.0689	-0.3671	-0.0972	-3.371	0.0007
scale	1.0030	.	.	.	.	.

Shame by Main Region

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	shame	-1.7918	0.7638	-3.2887	-0.2948	-2.346	0.0190
item*region1	shame, 1	1.8269	0.8084	0.2424	3.4113	2.2598	0.0238
item*region1	shame, 2	0.6587	0.8080	-0.9251	2.2424	0.8151	0.4150
item*region1	shame, 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	.	.	.	.	.

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 –2 for shame	1	10.1112	0.0015	LR

Shame by 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	shame	-2.5840	0.5185	-3.6003	-1.5677	-4.983	0.0000
item*island	shame, 1	2.6055	0.5585	1.5109	3.7001	4.6655	0.0000
item*island	shame, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	.	.	.	.	.

Shame by Main Region and 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	shame	-0.7696	0.8567	-2.4486	0.9094	-.8984	0.3690
item*region1	shame, 1	1.7632	0.8147	0.1664	3.3600	2.1642	0.0304
item*region1	shame, 2	0.8272	0.8168	-0.7736	2.4280	1.0128	0.3112
item*region1	shame, 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
decile*item	shame	-0.1951	0.0713	-0.3348	-0.0554	-2.737	0.0062
scale	1.0099	.	.	.	.	.

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for shame	1	5.8188	0.0159	LR

Shame by Island and 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	shame	-1.4673	0.6873	-2.8145	-0.1202	-2.135	0.0328
item*island	shame, 1	2.4657	0.5636	1.3611	3.5704	4.3748	0.0000
item*island	shame, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
decile*item	shame	-0.1842	0.0716	-0.3245	-0.0439	-2.573	0.0101
scale	0.9718	.	.	.	.	.

Shame by Island and Main Region

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	shame	-1.7918	0.7638	-3.2887	-0.2948	-2.346	0.0190
item*region1	shame, 1	-1.1364	1.1368	-3.3645	1.0917	-.9997	0.3175
item*region1	shame, 2	-1.2287	1.0525	-3.2915	0.8342	-1.167	0.2431
item*region1	shame, 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	shame, 1	2.9633	0.7992	1.3968	4.5297	3.7076	0.0002
item*island	shame, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000	.	.	.	.	.

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for shame	1	0.0461	0.8300	LR