General abuse terms
Laurie and Winifred Bauer

The questions in Section 6 of the questionnaire all elicited a large number of general abuse terms, as well as terms which were specific to each question. The same general abuse terms were supplied in response to almost every one of these questions. It seemed more worthwhile to gather these together, rather than trying to treat them separately for each question. From the responses to each question, any terms which were also provided as the response to another question were deemed to be terms of general abuse. Thus, for example, *loser* was an answer to almost all the questions in section 6: you are a loser if you are good at sport but not at schoolwork; you are a loser if you are good at schoolwork but not at sport; you are a loser if you are popular; you are a loser if you have no friends; you are a loser if you dress fashionably; you are a loser if you dress unfashionably… Terms like this (and there were a great many of them) were copied into a new file, and the reports from each question were combined into one list, to create a list of all those schools from which each term was reported. This file was then analysed in the same way as all the other files.
There were about 150 such terms after the initial copying and combining process was complete. There were a few cases where forms with the same root (e.g. *wanker, a wank, wank-wank*) were grouped, but they only reduced the total by about 20. There were a very large number of terms reported only once or twice, and almost all these very low frequency forms were discarded, although there were two from adjacent schools which were kept for the record. This still left a very large number of forms to consider, and they were divided into groups in terms of frequency.
The highest frequency terms were: *nerd* (132); *loner* (123); *geek* (82); *loser* (68); *rej(ect)* (61); *tryhard* (51); *poof(ter)* (39) and *goody-good(y)* (31).
It was obvious from the data file that the first four of these were found throughout the country, albeit in different densities, and that they were not worth mapping. The only area where *nerd* reports thinned out was South Canterbury. The gaps in reports of *loner* were apparently completely random. *Geek* was less frequent in the South Island than the North, and there was a patch of thin reports in Hawkes Bay. The figures for *geek* in relation to the major divides are as follows:

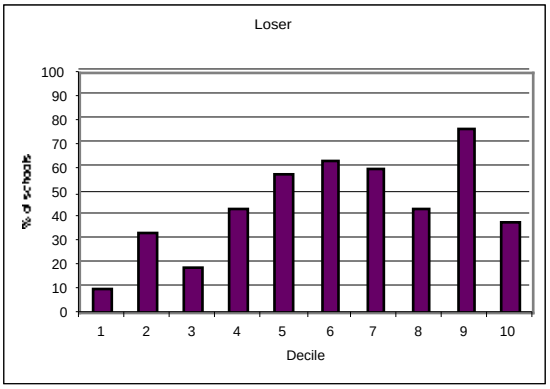
	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Geek	38	46	37	45	6	7

	North Island		**South Island**	
	No.	%	No.	%
Schools	93	62	57	38
Geek	55	67	27	33

It can thus be seen that there is a slight tendency for it to be more common in the Northern Region than expected, and also a slight tendency for it to be more common in the North Island, but these are not particularly marked.
Loser was less often reported in Northland and Hawkes Bay than elsewhere, but these two areas counteract each other in terms of the Northern and Central Regions, and the tendencies again do not amount to much by way of regionalisation. The distribution between the two Islands is almost exactly in the expected proportions.

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	53	35	77	51	14	9
Loser	26	38	33	49	5	7

However, *loser* shows a tendency to be found in higher decile schools. Given that there are a lot of low decile schools in both Northland and Hawkes Bay, it is not clear which of these two factors is the cause and which is the effect, and some more sophisticated statistical analysis will be needed to untangle these competing strands:



Rej(ect) was much more common in the North Island than the South, and was especially low in frequency in the northern area of the South Island. Another feature of its distribution which appeared from the mapping process is that it was the only one of the remaining four high frequency terms which was reported in the Hawkes Bay and Wairarapa areas. The figures are below:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Rej(ect)	27	44	29	48	5	8

	North Island		**South Island**	
	No.	%	No.	%
Schools	93	62	57	38
Rej(ect)	51	84	10	16

It is also worth comparing the North Island schools in the Central Region with the South Island schools in that region:

	Central in North Island		**Central in South Island**	
	No.	%	No.	%
Schools	35	23	43	29
Rej(ect)	24	39	5	8

It thus seems fairly clear that it is the North Island vs. South Island split which is the most significant here.
Before *reject* and its abbreviation *rej* were combined into one category, it was clear that the reports of *rej* were strongly localised, and so these were also treated separately. The distribution of *rej* cuts across the Northern – Central Region divide in the North Island, and suggests a very different picture of regionalisation. *Rej* was reported from the Bay of Plenty and the timber belt, from the Poverty Bay area, and with great consistency from Hawkes Bay. There were also two isolated reports in the South Island, one in Christchurch, and one in Southland. Although *reject* was very common in other areas of the North Island, *rej* was not reported there. It has the appearance of having begun in Hawkes Bay, and having spread north through Poverty Bay and thence into the Bay of Plenty and the timber belt. It is perhaps worth noting that it was reported from schools with a wide range of deciles throughout that area. There have been other pieces of data which have shown this area to be related, (Central area forms have had outliers in Poverty Bay and the Bay of Plenty; northern Hawkes Bay sometimes shares Northern features) but in other forms, the reports have been more sporadic, and have not seemed significant. Forms like this certainly suggest that the proposed regions have a leakiness which no doubt explains in part why it has been so hard to pin down regionalisation in other studies, and that there is an east-west divide as well as a north-south divide. The figures for the North Island for this data are given below. The East was defined in terms of the lines of latitude and longtitude on our map as all boxes from Y eastwards.

	East of North Island		**West of North Island**		**South Island**	
	No.	%	No.	%	No.	%
Schools	26	17	67	45	57	38
Rej	14	88	0	0	2	13

Tryhard was reported from Northland to Southland, and apart from the gap in the rural areas of Hawkes Bay and Wairarapa, it was reported fairly evenly throughout the country. This means that it is under-reported 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
Tryhard	23	45	21	41	7	14

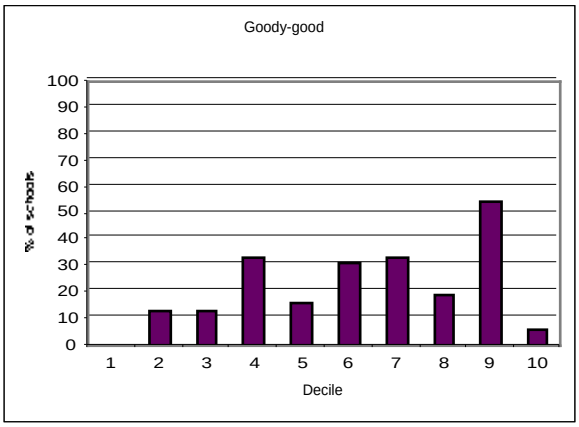
Poof(ter) was also reported from Northland to Southland, but was absent from central and Southern Hawkes Bay and Wairarapa, and relatively sporadic in Northland and Auckland and the Hauraki Plains. It was more common than might be expected in Southland-Otago, and under-reported in the Central Region:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	53	35	77	51	14	9
Poof(ter)	14	36	17	44	7	18

Goody-good(y) was also largely absent from the Bay of Plenty, Hawkes Bay, and the Wairarapa, and had its areas of popularity in Northland and Auckland, and east Otago. The result is, once again, under-reporting 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
Goody-good(y)	14	44	14	44	4	13

Goody-good(y) also shows some tendency to social differentiation, as the following graph shows:



If so, it is probably an interesting sociological phenomenon. It is tempting to surmise that it is not common in lower decile schools, because goody-goods are rare there, and that it is not common in the highest decile schools because goody-goods are the majority there. In between, the prevalence as an abuse term rises as the shrinking minority of baddy-bads (as they were dubbed in one school) tries harder to establish its own perspective on accepted behaviour.

The medium frequency terms considered were: *show-off* (29); *dork* (29); *freak* (24); *retard* (23); *dick(head)* (20); *teacher's pet* (17); *Steve Urkel* (16); *gay* (16). These appeared to have very little patterning in their distribution.

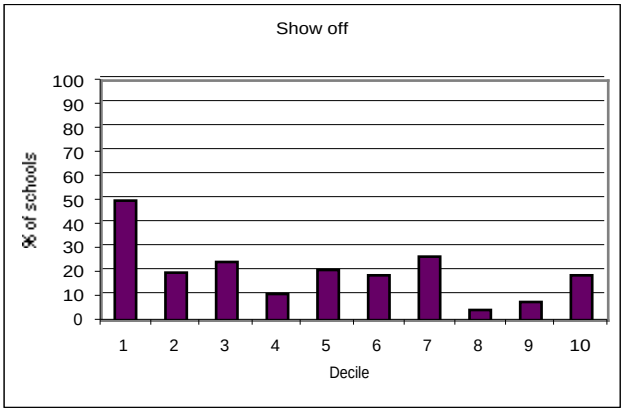
Show-off was dotted from Northland to Southland, with a patch of higher frequency from Auckland to the Bay of Plenty, and another in Southland. Thus

once more, it is under-represented in the Central Region. The figures in relation to the two main regional divisions are as follows:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Show-off	15	52	9	31	5	17

	North Island		**South Island**	
	No.	%	No.	%
Schools	93	62	57	38
Show-off	19	66	10	34

It was more common in the lowest decile schools, which is perhaps surprising given that it is not common in Northland and Hawkes Bay:



Dork was reported from Northland to Southland, and was particularly popular in a band across the middle of the North Island from Taranaki to Hawkes Bay. It was rare in the South Island south of Nelson-Marlborough. The figures for the various regions follow:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
dork	12	41	16	55	1	3

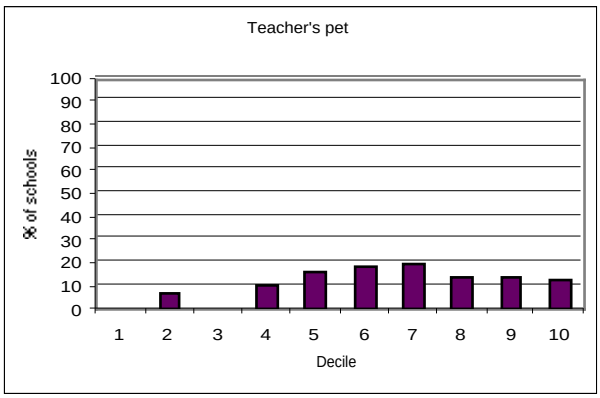
	North Island		**South Island**	
	No.	%	No.	%
Schools	93	62	57	38
dork	21	72	8	28

The South Island – North Island division can be seen to be more significant here. *Dork* shows no signs of social differentiation.

Freak was counted in this category only if it was used without some kind of modifier which made it more specific. Thus *computer freak* and *fashion freak* were not included in this category, as they were not terms of general abuse. (If they had been the overall frequency of *freak* would have been much greater.) *Freak* was found from Northland to Southland, with areas of popularity in Auckland and Nelson-Marlborough. However, there were no areas of notable absence, and the distribution is fairly even across the rest of the country. It shows no sign of social differentiation.
Retard was dotted from Northland to Southland, without any strong evidence of patterning, although there was a cluster of reports from east Otago.
Dick(head) was particularly common in Northland and Auckland. The figures follow:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	77	51	14	9
Dick(head)	11	55	7	35	2	10

9 of the 11 reports from the Northern Region come from Northland and Auckland, and there are only 5 from the rest of the North Island. This appears to show sub-regionalisation.
Teacher's pet was reported from Auckland to Southland. More interesting than any regional distribution is the social distribution:



This suggests something similar to *goody-good*: it is particularly in the middle decile schools that being a teacher's pet is considered such a disgrace.
Steve Urkel is the name of a character in the TV show *Family Matters*. This term was particularly common in Auckland and the area immediately to the south of Auckland, but also sporadically elsewhere, though largely in urban areas.
The regional and urban-rural figures follow:

	Northern Region		**Central Region**		**Southern Region**	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Steve Urkel	8	50	5	31	3	19

	Urban		Rural	
	No.	%	No.	%
Schools	60	40	90	60
Steve Urkel	12	75	4	25

This is perhaps an interesting comment on the sphere of influence of TV. We can speculate that rural children spend more time on school buses, and generally have more chores than urban children, and accordingly watch less TV, or possibly see the predominantly urban TV dramas as less relevant to their lives.
Gay was reported sporadically from Northland to Southland, with no evidence of patterning.
The low frequency terms considered were: *nif* (14); *fag(got)* (14); *homo* (13); *weirdo* (12); *dumbarse* (10); *Mummy's girl/boy* (10); *tart* (9); *snob* (8); *toss(er)* (7); *queer* (7).
Nif (= no (intelligent) friends) is the most interesting of these. (It might be thought to be too specific to be a general term of abuse, but it was not used exclusively in answer to the question about those who have no friends, and so meets the criteria established for terms of general abuse.) It is clearly a Christchurch term, with 11 of the 14 reports coming from Christchurch and the area immediately north of Christchurch. Only two schools in Christchurch failed to report it. The other reports are from the Nelson district, the Waikato, and the timber belt. (Perhaps significantly, the two North Island reports are both from Catholic schools.) This is the first time in the results of this questionnaire that Christchurch has been the innovator of some new term. During school visits, it appeared that it had vanished from one of the North Island schools which originally reported it.
Fag(got) was reported from Northland to Southland, but had a patch of popularity in the Bay of Plenty, extending into the timber belt.
Homo was reported from Northland to central Otago, but was entirely absent from the east of the North Island (as defined above).
Weirdo was reported from Auckland to South Canterbury. There was a patch of popularity from Taranaki down through the Manawatu and Wairarapa. It was entirely absent from the Southern Region, and there were only three reports from the South Island, which is well below the expected number.
Dumbarse was reported from just north of Auckland to Otago. It was entirely absent from the Southern Region. It was also reported only from schools of decile 6 or higher.
Mummy's girl/boy was reported from Northland to south Canterbury. There was only one report in the South Island, and 6 of the 10 reports were from the Northern Region, which is considerably higher than the norm.
Tart was reported from Northland to Southland. However, it is very thinly spread across the intervening area. There are 4 reports from Northland and Auckland, none in the rest of the North Island, one from the Nelson district, one from Christchurch, one from South Canterbury, one from Otago and one from Southland.
Snob might appear to be more specific than a general abuse term, but the data suggested that this was used in at least a few cases as a general put-down, and so

it was included. It was reported from Northland to Nelson, but not further south. 5 of the 8 reports were from Northland and Auckland.
Toss(er) was reported from Northland to Otago, with no evidence of patterning.
Queer was reported from Auckland to Otago, with 4 of the 7 reports coming from the Auckland area.
A number of even lower-frequency forms were considered, principally because all of them showed some sign of clustering, though for the most part these clusters turned out to be more apparent than real. The terms were *wannabe* (6); *dweeb* (6); *Homey G* (6); *jerk* (5); *egg* (5); *tag (along)* (5); *moron* (4); *outcast* (4); *skody* (3); *bighead* (2); *gumbus* (2).
Wannabe was reported only from the Northern Region, with the southernmost report from the south Waikato. It is reported from two schools of each of Deciles 1, 3 and 6. It is not clear whether this tendency to be low decile is significant.
Dweeb was not regionalised: it was reported three times from the Auckland area, once from Wellington, and once from Southland.
Homey G was reported only from the North Island.
Jerk was not regionalised: it was reported from north of Auckland to the south of the Nelson-Marlborough sub-region.
Egg was dotted from Auckland to Nelson.
Tag (along) was dotted from Northland to Southland.
Moron was reported only from the North Island.
Outcast was dotted from Northland to Otago.
Skody was reported from Wellington and Hawkes Bay. Note that this is congruent with other questions eliciting this term.
Bighead was reported only from the North Shore in Auckland.
Gumbus was reported only from west Auckland.
Thus the general abuse terms were for the most part not strongly regionalised, but it was worth gathering this data together for the interesting data obtained on *nif* and *rej* in particular. These terms also showed a considerable degree of social patterning.

Statistical Analysis

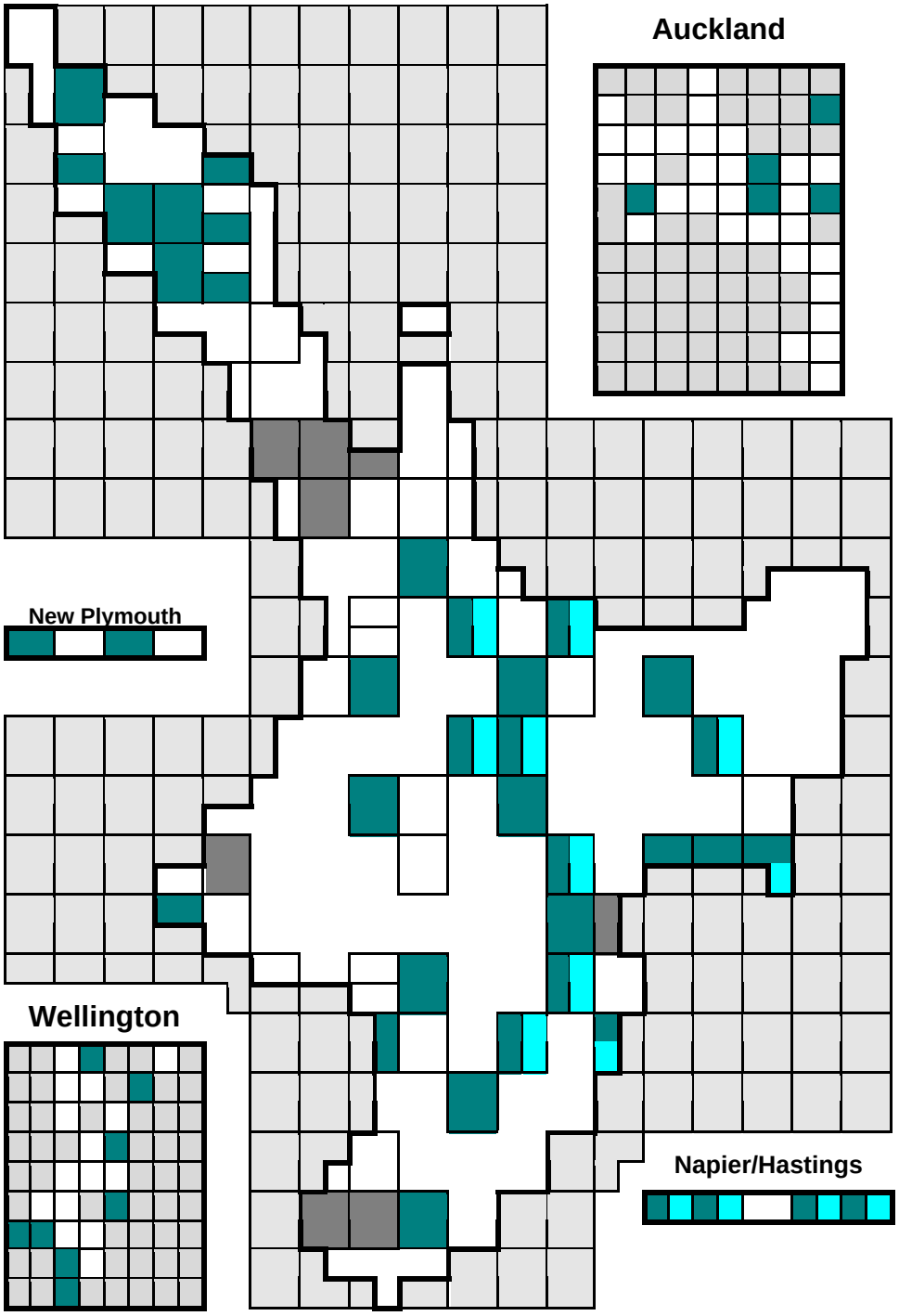
The terms *Steve Urkel, Homey G, bighead, dick(head), dork, goody-good, loser, rej, reject, skody,* and *wannabe* were included in the statistical analysis.
Steve Urkel is significantly more common in urban than in rural schools (p-value 0.0212).
Homey G was not reported from the Southern Region. In fact, it was reported exclusively from the North Island.
Bighead is reported only from the Auckland sub-region, and is thus exclusively Northern and North Island.
Goody-good is significantly Urban rather than Rural (p-value 0.0056). (The p-value for the high decile correlation was not significant, at 0.0663.)
Loser is a high decile form (p-value 0.0093). It is also significantly Urban rather than Rural (p-value 0.0381). The interaction of Decile and the Urban/Rural factor was therefore investigated. The p-value for Decile when Urban/Rural distribution is taken into account is 0.0150, while the p-value for Urban/Rural distribution when Decile is taken into account is not significant (0.1136). Thus Decile is more important than Urban/Rural distribution in accounting for this form.

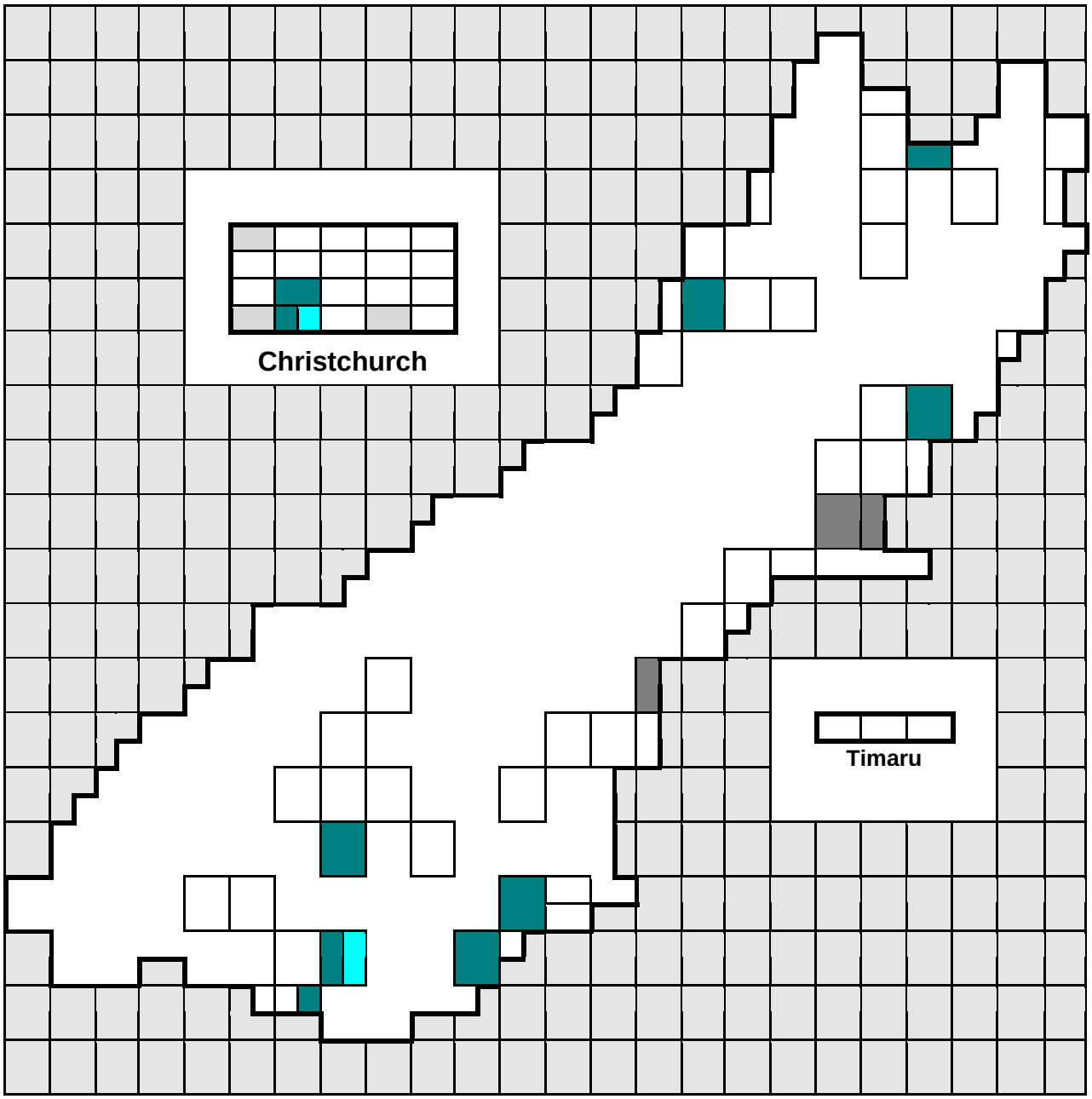
Rej is reported significantly more often in HB-W than in S-O (p-value 0.0069). It is significantly more common in the North Island (p-value 0.0413).
Reject is reported significantly more often in HB-W than in S-O (p-value 0.0117). It is significantly more common in the North Island (p-value 0.0001).
Skody is reported only from the Central Region, and exclusively from the North Island section of that region.
Wannabe is low decile (p-value 0.0230), and is reported only from the Northern Region, and is thus exclusively North Island.
Dick(head) and *dork* did not show any significant correlations with the factors considered, although *dick(head)* showed some signs of the expected tendency to be Northern rather than Central (p-value 0.0833), and *dork* showed signs of a tendency to be more common in Catholic schools (p-value 0.0668).

Summary

The terms of general abuse are fairly consistent across the country. There are a few signs of social differentiation, and a little evidence for urban / rural differences.
Maps of some of the more significant forms follow.

Map 1: *Reject* and *rej*





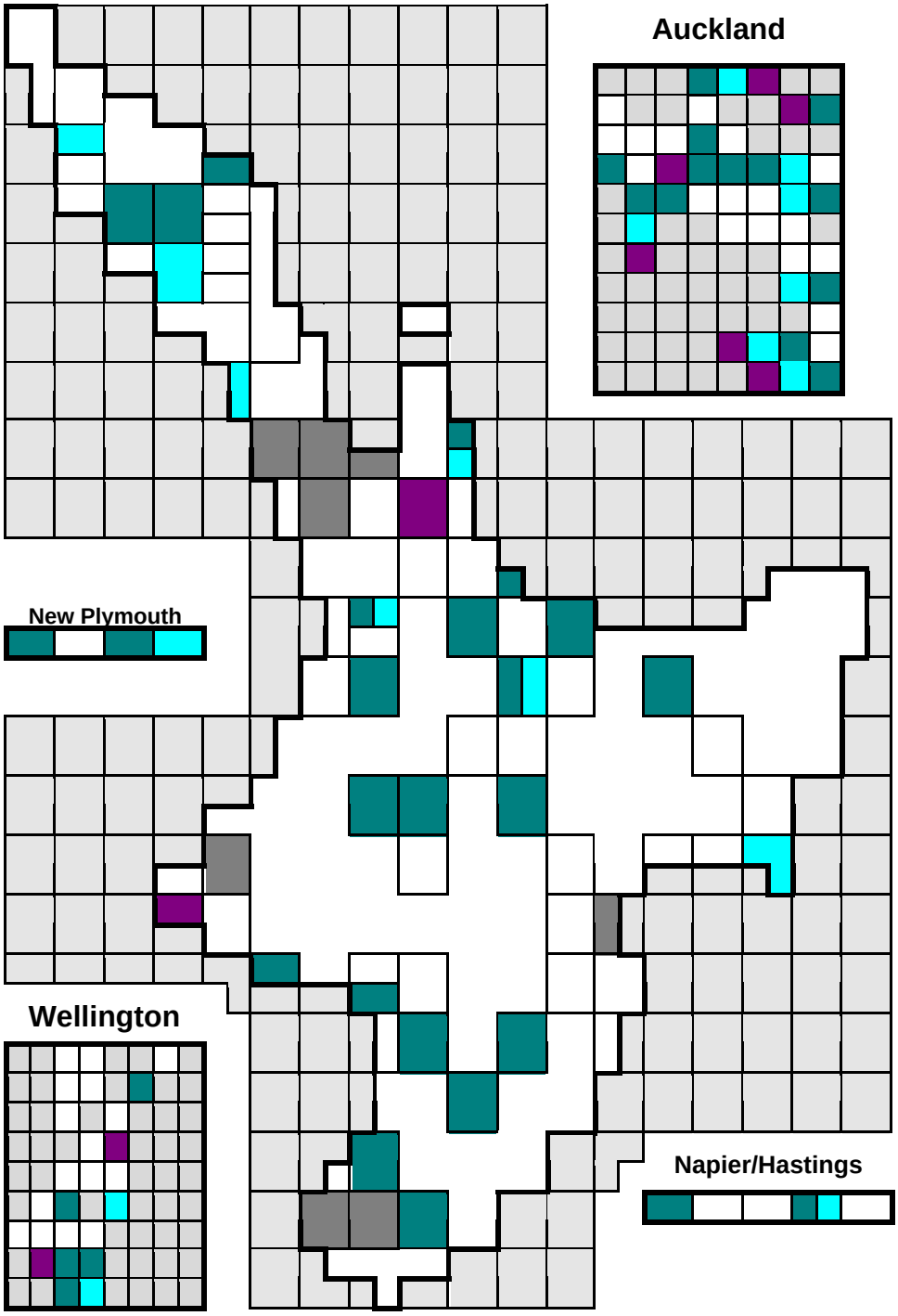
Key
Note that the insets are not to scale, nor all on the same scale for practical reasons. Each box represents one school in both urban and rural areas.

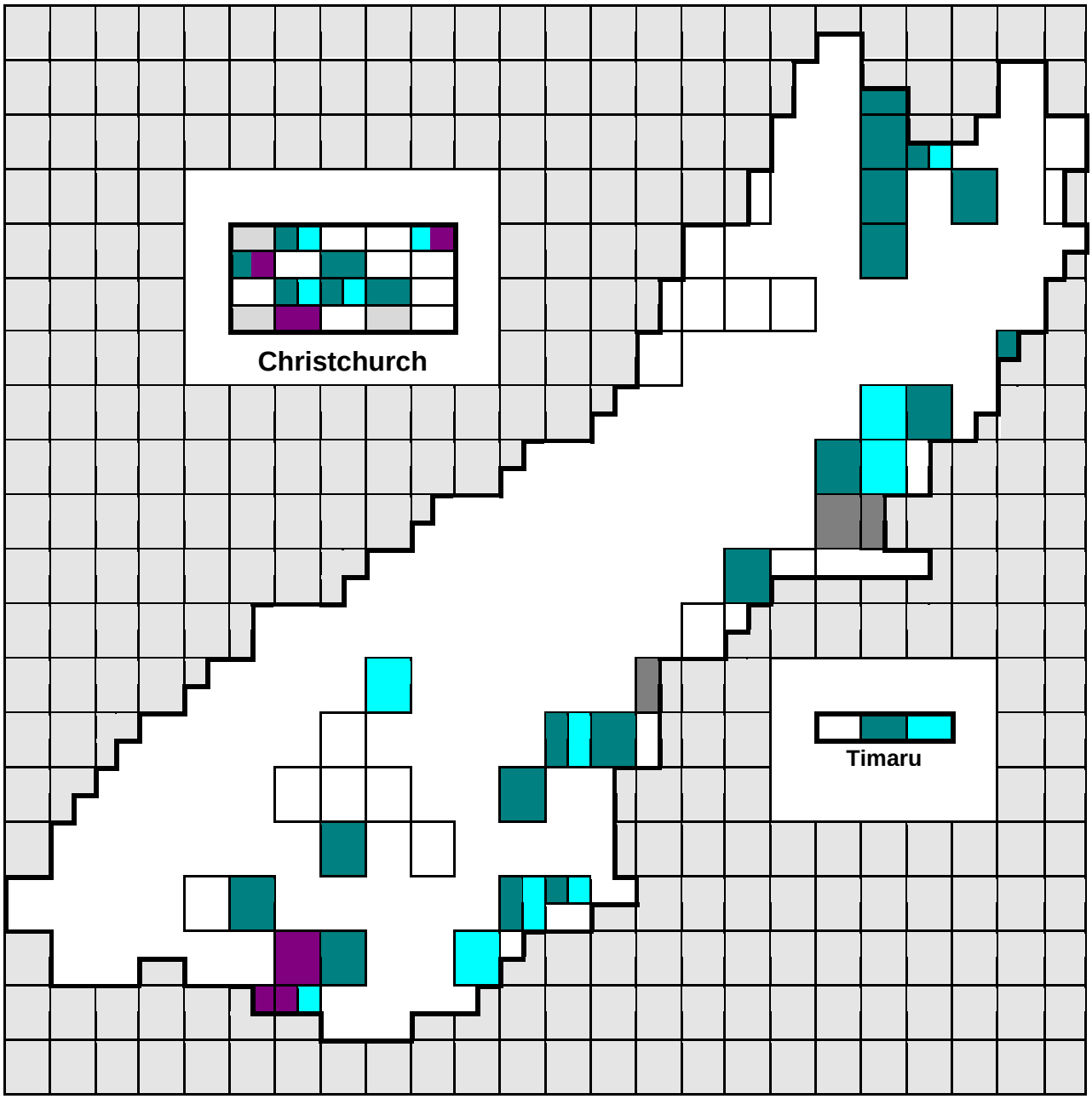
reject

rej

See urban map insert

Map 2: *loser, Steve Urkel, goody-good*

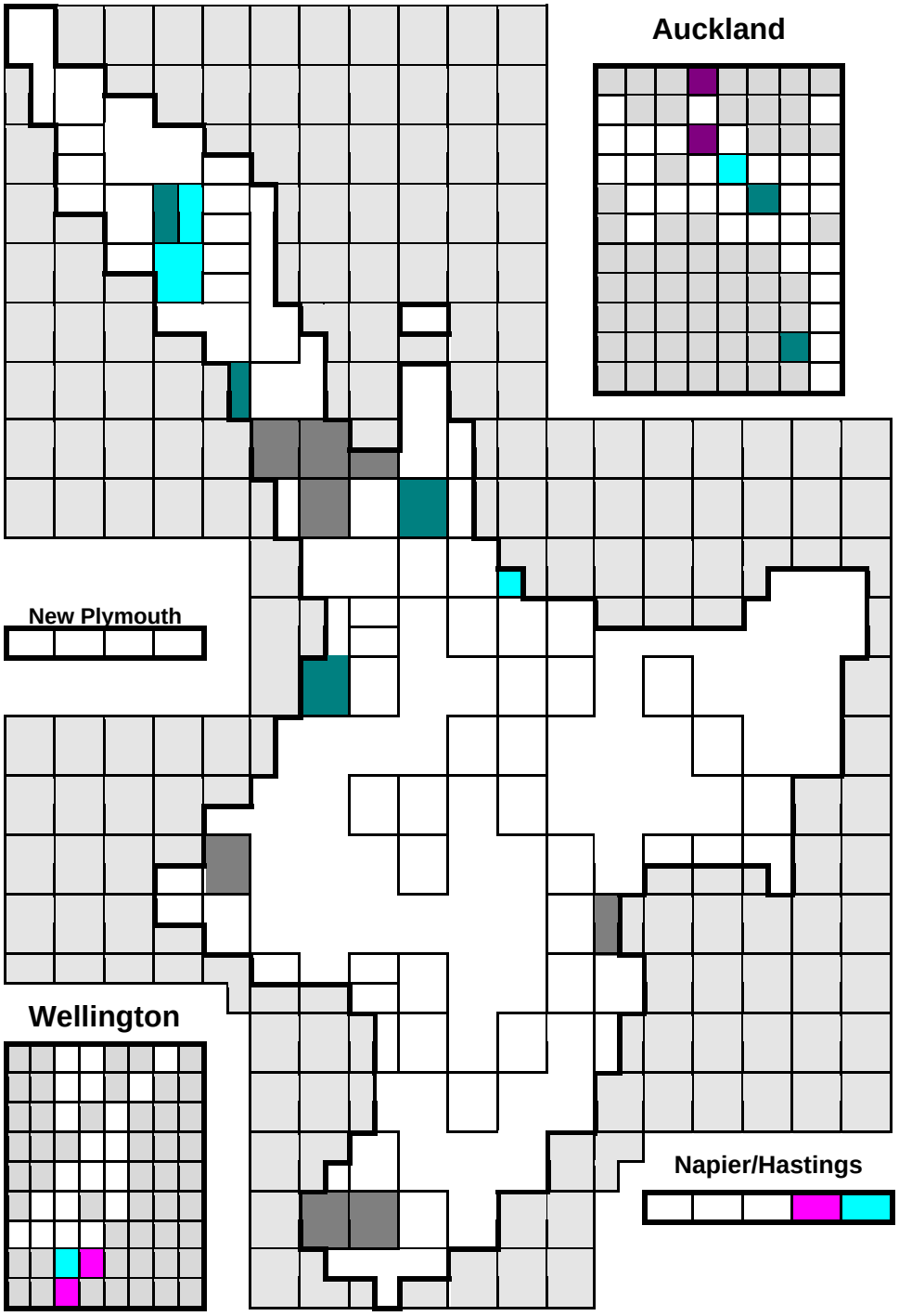


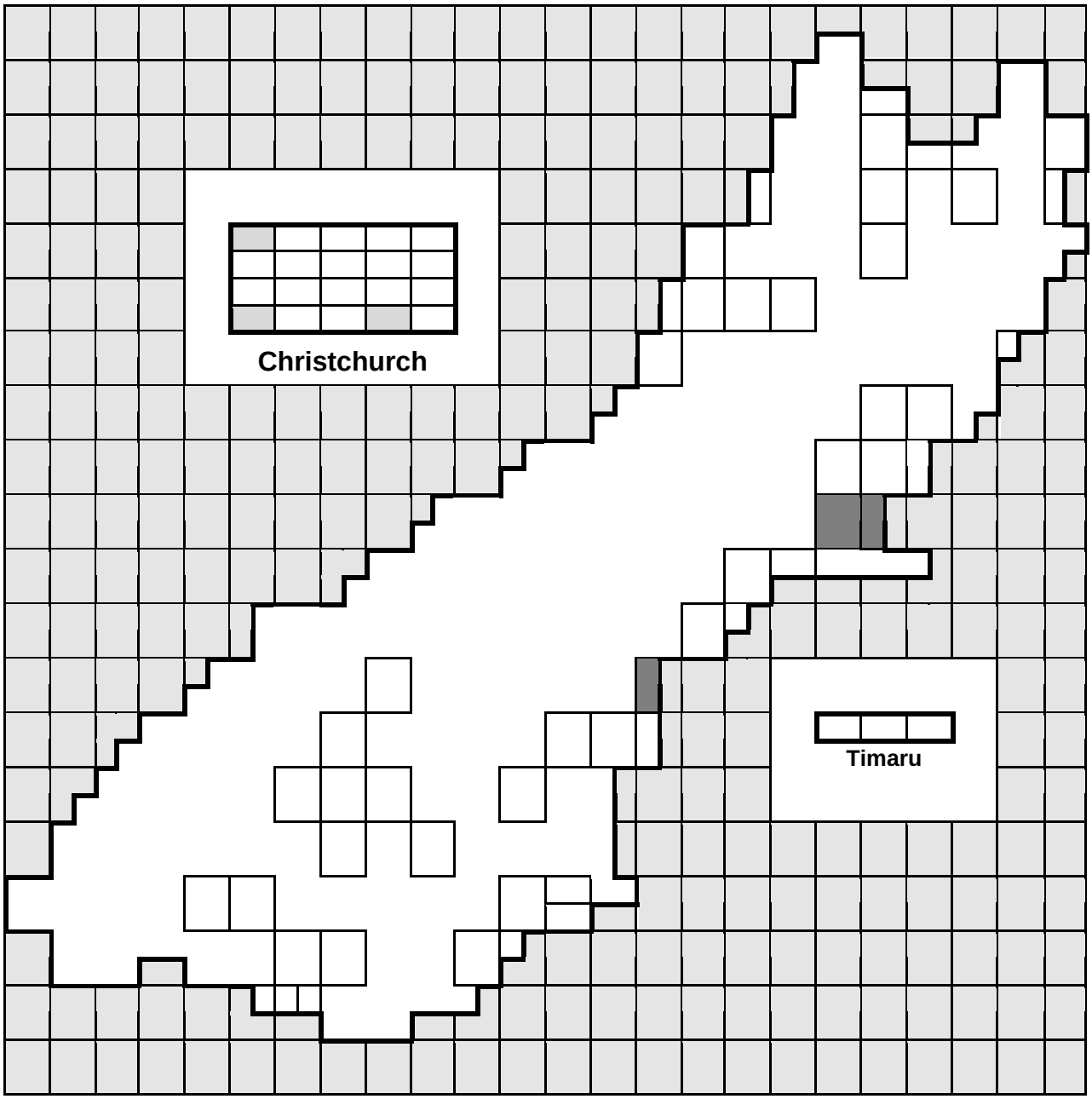


Key
Note that the insets are not to scale, nor all on the same scale for practical reasons. Each box represents one school in both urban and rural areas.

	loser		See urban map insert
	goody-good		Steve Urkel

Map 3: More terms for rejects: *wannabe, Homey G, bighead, skody*





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.

- wannabe
- Homey G
- skody
- See urban map insert
- bighead

Abuse Comp Statistics

Abuse Comp 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	Urkel	-2.0551	0.6040	-3.2389	-0.8713	-3.402	0.0007
item	Homey	-3.5193	1.2563	-5.9815	-1.0571	-2.801	0.0051
item	bighead	-8.5301	3.6139	-15.6133	-1.4469	-2.360	0.0183
item	dick	-1.3890	0.4982	-2.3655	-0.4125	-2.788	0.0053
item	dork	-1.1952	0.4594	-2.0956	-0.2947	-2.601	0.0093
item	gdy_gd	-2.0359	0.4532	-2.9241	-1.1477	-4.493	0.0000
item	loser	-1.1122	0.3844	-1.8656	-0.3588	-2.894	0.0038
item	rej	-1.7456	0.5426	-2.8090	-0.6822	-3.217	0.0013
item	reject	-0.2359	0.3805	-0.9816	0.5098	-.6200	0.5353
item	skody	-4.0847	0.9656	-5.9772	-2.1922	-4.230	0.0000
item	wannabe	-1.3924	0.6953	-2.7552	-0.0296	-2.003	0.0452
decile*item	Urkel	-0.0118	0.0955	-0.1990	0.1754	-.1235	0.9017
decile*item	Homey	0.0579	0.1913	-0.3171	0.4329	0.3026	0.7622
decile*item	bighead	0.5711	0.3969	-0.2069	1.3491	1.4387	0.1502
decile*item	dick	-0.0870	0.0827	-0.2490	0.0750	-1.053	0.2925
decile*item	dork	-0.0408	0.0736	-0.1851	0.1035	-.5542	0.5794
decile*item	gdy_gd	0.1215	0.0661	-0.0082	0.2511	1.8363	0.0663
decile*item	loser	0.1588	0.0610	0.0392	0.2785	2.6023	**0.0093**
decile*item	rej	-0.0678	0.0883	-0.2408	0.1052	-.7678	0.4426
decile*item	reject	-0.0244	0.0596	-0.1413	0.0925	-.4091	0.6825
decile*item	skody	0.0337	0.1278	-0.2166	0.2841	0.2641	0.7917
decile*item	wannabe	-0.3981	0.1751	-0.7412	-0.0550	-2.274	**0.0230**
scale	0.9815	.	.	.	.	.	

Abuse Comp by Main Region

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	Urkel	1	-1.2993	0.6513	3.9792	0.0461
item	Homey	1	-26.3654	0.7164	1354.6157	0.0001
item	bighead	1	-26.3653	0.7198	1341.4798	0.0001
item	dick	1	-1.7918	0.7638	5.5035	0.0190
item	dork	1	-2.5649	1.0377	6.1090	0.0134
item	gdy_gd	1	-0.9163	0.5916	2.3988	0.1214
item	loser	1	-0.5878	0.5578	1.1105	0.2920
item	rej	1	-2.5649	1.0377	6.1090	0.0134
item	reject	1	-0.5878	0.5578	1.1105	0.2920
item	skody	1	-26.3653	0.5888	2005.1802	0.0001
item	wannabe	1	-26.3654	0.4316	3731.7714	0.0001

item*region1	Urkel, 1	1	-0.5131	0.7548	0.4622	0.4966
item*region1	Urkel, 2	1	-1.3817	0.7987	2.9928	0.0836
item*region1	Urkel, 3	0	0.0000	0.0000	.	.
item*region1	Homey, 1	1	23.7814	0.8843	723.1894	**0.0001**
item*region1	Homey, 2	0	22.7278	0.0000	.	.
item*region1	Homey, 3	0	0.0000	0.0000	.	.
item*region1	bighead, 1	0	23.0511	0.0000	.	.
item*region1	bighead, 2	1	0.0000	60132.5783	0.0000	1.0000
item*region1	bighead, 3	0	0.0000	0.0000	.	.
item*region1	dick, 1	1	0.3610	0.8343	0.1873	0.6652
item*region1	dick, 2	1	-0.5250	0.8604	0.3723	0.5417
item*region1	dick, 3	0	0.0000	0.0000	.	.
item*region1	dork, 1	1	1.2432	1.0874	1.3070	0.2529
item*region1	dork, 2	1	1.2104	1.0750	1.2679	0.2602
item*region1	dork, 3	0	0.0000	0.0000	.	.
item*region1	gdy_gd, 1	1	-0.2059	0.6668	0.0953	0.7576
item*region1	gdy_gd, 2	1	-0.6035	0.6611	0.8334	0.3613
item*region1	gdy_gd, 3	0	0.0000	0.0000	.	.
item*region1	loser, 1	1	0.6229	0.6175	1.0175	0.3131
item*region1	loser, 2	1	0.2776	0.6030	0.2120	0.6452
item*region1	loser, 3	0	0.0000	0.0000	.	.
item*region1	rej, 1	1	0.2231	1.1385	0.0384	0.8446
item*region1	rej, 2	1	0.6480	1.0916	0.3524	0.5528
item*region1	rej, 3	0	0.0000	0.0000	.	.
item*region1	reject, 1	1	0.4824	0.6176	0.6101	0.4348
item*region1	reject, 2	1	0.0633	0.6050	0.0109	0.9167
item*region1	reject, 3	0	0.0000	0.0000	.	.
item*region1	skody, 1	1	-0.0000	70342.8077	0.0000	1.0000
item*region1	skody, 2	0	23.1464	0.0000	.	.
item*region1	skody, 3	0	0.0000	0.0000	.	.
item*region1	wannabe, 1	0	24.2253	0.0000	.	.
item*region1	wannabe, 2	1	0.0001	60132.5783	0.0000	1.0000
item*region1	wannabe, 3	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

CONTRAST Statement Results

Contrast	DF	ChiSquare	Pr>Chi	Type
1 -2 for Urkel	1	2.1709	0.1406	LR
1 -2 for dick	1	2.9997	0.0833	LR
1 -2 for dork	1	0.0058	0.9391	LR
1 -2 for gdy_gd	1	0.8684	0.3514	LR
1 -2 for loser	1	0.9738	0.3237	LR
1 -2 for rej	1	0.5587	0.4548	LR
1 -2 for reject	1	1.4062	0.2357	LR

Abuse Comp by Sub-Region

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	Urkel	1	-1.2993	0.6513	3.9792	0.0461
item	Homey	1	-26.3653	1.0235	663.5319	0.0001
item	bighead	1	-26.3653	0.7475	1243.9175	0.0001
item	dick	1	-1.7918	0.7638	5.5035	0.0190
item	dork	1	-2.5649	1.0377	6.1090	0.0134
item	gdy_gd	1	-0.9163	0.5916	2.3988	0.1214
item	loser	1	-0.5878	0.5578	1.1105	0.2920
item	rej	1	-2.5649	1.0377	6.1090	0.0134
item	reject	1	-0.5878	0.5578	1.1105	0.2920
item	skody	1	-26.3652	0.7416	1263.8652	0.0001
item	wannabe	1	-26.3654	0.7360	1283.3286	0.0001
item*region2	Urkel, 1	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 2	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 3	1	0.5261	0.8172	0.4144	0.5197
item*region2	Urkel, 4	1	-1.1856	0.9828	1.4553	0.2277
item*region2	Urkel, 5	1	-25.0660	153308.595	0.0000	0.9999
item*region2	Urkel, 6	1	-1.0033	0.9870	1.0332	0.3094
item*region2	Urkel, 7	1	-25.0660	177025.517	0.0000	0.9999
item*region2	Urkel, 8	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 9	1	-0.3102	0.9079	0.1167	0.7326
item*region2	Urkel, 10	1	-25.0660	167941.152	0.0000	0.9999
item*region2	Urkel, 11	0	0.0000	0.0000	.	.
item*region2	Homey, 1	1	25.6721	1.3408	366.6289	**0.0001**
item*region2	Homey, 2	1	-0.0000	216811.094	0.0000	1.0000
item*region2	Homey, 3	1	23.4749	1.4502	262.0191	**0.0001**
item*region2	Homey, 4	1	23.1464	1.4449	256.6353	**0.0001**
item*region2	Homey, 5	1	23.9674	1.4624	268.6129	**0.0001**
item*region2	Homey, 6	0	23.3208	0.0000	.	.
item*region2	Homey, 7	1	-0.0000	177025.517	0.0000	1.0000
item*region2	Homey, 8	1	-0.0000	216811.094	0.0000	1.0000
item*region2	Homey, 9	1	-0.0000	125175.944	0.0000	1.0000
item*region2	Homey, 10	1	-0.0000	167941.152	0.0000	1.0000
item*region2	Homey, 11	0	0.0000	0.0000	.	.
item*region2	bighead, 1	1	0.0000	216811.094	0.0000	1.0000
item*region2	bighead, 2	1	0.0000	216811.094	0.0000	1.0000
item*region2	bighead, 3	0	24.2253	0.0000	.	.
item*region2	bighead, 4	1	0.0000	104152.681	0.0000	1.0000
item*region2	bighead, 5	1	0.0000	153308.595	0.0000	1.0000
item*region2	bighead, 6	1	0.0000	113225.901	0.0000	1.0000
item*region2	bighead, 7	1	0.0000	177025.517	0.0000	1.0000
item*region2	bighead, 8	1	0.0000	216811.094	0.0000	1.0000

item*region2	bighead, 9	1	0.0000	125175.944	0.0000	1.0000
item*region2	bighead, 10	1	0.0000	167941.152	0.0000	1.0000
item*region2	bighead, 11	0	0.0000	0.0000	.	.
item*region2	dick, 1	1	1.7918	1.1180	2.5683	0.1090
item*region2	dick, 2	1	0.1823	1.3354	0.0186	0.8914
item*region2	dick, 3	1	0.7621	0.9245	0.6796	0.4097
item*region2	dick, 4	1	-0.6931	1.0607	0.4271	0.5134
item*region2	dick, 5	1	0.1823	1.0878	0.0281	0.8669
item*region2	dick, 6	1	-1.2528	1.2771	0.9623	0.3266
item*region2	dick, 7	1	-24.5736	177025.517	0.0000	0.9999
item*region2	dick, 8	1	0.1823	1.3354	0.0186	0.8914
item*region2	dick, 9	1	0.1823	0.9916	0.0338	0.8541
item*region2	dick, 10	1	-24.5736	167941.152	0.0000	0.9999
item*region2	dick, 11	0	0.0000	0.0000	.	.
item*region2	dork, 1	1	1.8718	1.3516	1.9178	0.1661
item*region2	dork, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	dork, 3	1	1.5353	1.1612	1.7482	0.1861
item*region2	dork, 4	1	1.1299	1.1509	0.9638	0.3262
item*region2	dork, 5	1	1.8718	1.2050	2.4131	0.1203
item*region2	dork, 6	1	1.3412	1.1557	1.3466	0.2459
item*region2	dork, 7	1	2.3418	1.2357	3.5916	0.0581
item*region2	dork, 8	1	-23.8004	216811.094	0.0000	0.9999
item*region2	dork, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	dork, 10	1	1.1787	1.3046	0.8163	0.3663
item*region2	dork 11	0	0.0000	0.0000	.	.
item*region2	gdy_gd, 1	1	0.2231	1.0488	0.0453	0.8315
item*region2	gdy_gd, 2	1	-25.4490	216811.094	0.0000	0.9999
item*region2	gdy_gd, 3	1	0.8109	0.7491	1.1720	0.2790
item*region2	gdy_gd, 4	1	-1.1206	0.8525	1.7277	0.1887
item*region2	gdy_gd, 5	1	-0.6931	0.9747	0.5057	0.4770
item*region2	gdy_gd, 6	1	-1.3863	0.9487	2.1353	0.1439
item*region2	gdy_gd, 7	1	-1.1632	1.2145	0.9172	0.3382
item*region2	gdy_gd, 8	1	-25.4490	216811.094	0.0000	0.9999
item*region2	gdy_gd, 9	1	0.2231	0.7746	0.0830	0.7733
item*region2	gdy_gd, 10	1	0.0690	0.9090	0.0058	0.9395
item*region2	gdy_gd, 11	0	0.0000	0.0000	.	.
item*region2	loser, 1	1	-0.1054	1.0301	0.0105	0.9185
item*region2	loser, 2	1	-1.0217	1.2293	0.6907	0.4059
item*region2	loser, 3	1	1.6174	0.7632	4.4907	**0.0341**
item*region2	loser, 4	1	0.4336	0.6825	0.4036	0.5252
item*region2	loser, 5	1	-1.0217	0.9545	1.1456	0.2845
item*region2	loser, 6	1	0.4055	0.7032	0.3325	0.5642
item*region2	loser, 7	1	1.8405	0.9767	3.5511	0.0595
item*region2	loser, 8	1	-25.7775	216811.094	0.0000	0.9999
item*region2	loser, 9	1	0.5878	0.7303	0.6478	0.4209

item*region2	loser, 10	1	0.1823	0.8531	0.0457	0.8308
item*region2	loser, 11	0	0.0000	0.0000	.	.
item*region2	rej, 1	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 3	1	-23.8004	121837.317	0.0000	0.9998
item*region2	rej, 4	1	1.1299	1.1509	0.9638	0.3262
item*region2	rej, 5	1	3.2581	1.2050	7.3111	0.0069
item*region2	rej, 6	1	-23.8004	113225.901	0.0000	0.9998
item*region2	rej, 7	1	-23.8004	177025.517	0.0000	0.9999
item*region2	rej, 8	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	rej, 10	1	-23.8004	167941.152	0.0000	0.9999
item*region2	rej, 11	0	0.0000	0.0000	.	.
item*region2	reject, 1	1	2.1972	1.2293	3.1949	0.0739
item*region2	reject, 2	1	0.5878	0.9888	0.3533	0.5522
item*region2	reject, 3	1	-0.4418	0.7632	0.3351	0.5627
item*region2	reject, 4	1	0.7419	0.6825	1.1816	0.2770
item*region2	reject, 5	1	2.9857	1.1841	6.3582	**0.0117**
item*region2	reject, 6	1	0.7701	0.7032	1.1995	0.2734
item*region2	reject, 7	1	-1.4917	1.1984	1.5493	0.2132
item*region2	reject, 8	1	-1.0217	1.2293	0.6907	0.4059
item*region2	reject, 9	1	-1.0217	0.8433	1.4678	0.2257
item*region2	reject, 10	1	-25.7775	167941.152	0.0000	0.9999
item*region2	reject, 11	0	0.0000	0.0000	.	.
item*region2	skody, 1	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 2	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 3	1	-0.0001	121837.317	0.0000	1.0000
item*region2	skody, 4	1	-0.0001	104152.681	0.0000	1.0000
item*region2	skody, 5	1	23.9673	1.2810	350.0703	**0.0001**
item*region2	skody, 6	0	24.0627	0.0000	.	.
item*region2	skody, 7	1	-0.0001	177025.517	0.0000	1.0000
item*region2	skody, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 9	1	-0.0001	125175.944	0.0000	1.0000
item*region2	skody, 10	1	-0.0001	167941.152	0.0000	1.0000
item*region2	skody, 11	0	0.0000	0.0000	.	.
item*region2	wannabe, 1	1	24.7560	1.3197	351.8811	**0.0001**
item*region2	wannabe, 2	1	0.0001	216811.094	0.0000	1.0000
item*region2	wannabe, 3	1	24.6915	0.9682	650.3128	**0.0001**
item*region2	wannabe, 4	0	23.8805	0.0000	.	.
item*region2	wannabe, 5	1	0.0001	153308.595	0.0000	1.0000
item*region2	wannabe, 6	1	0.0001	113225.901	0.0000	1.0000
item*region2	wannabe, 7	1	0.0001	177025.517	0.0000	1.0000
item*region2	wannabe, 8	1	0.0001	216811.094	0.0000	1.0000
item*region2	wannabe, 9	1	0.0001	125175.944	0.0000	1.0000
item*region2	wannabe, 10	1	0.0001	167941.152	0.0000	1.0000

item*region2	wannabe, 11	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp by Island

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	Urkel	1	-2.1401	0.4316	24.5867	0.0001
item	Homey	1	-26.3653	0.4221	3901.7063	0.0001
item	bighead	1	-26.3653	0.7148	1360.3624	0.0001
item	dick	1	-2.1401	0.4316	24.5867	0.0001
item	dork	1	-1.8124	0.3813	22.5896	0.0001
item	gdy_gd	1	-1.1221	0.3077	13.2990	0.0003
item	loser	1	-0.2469	0.2669	0.8553	0.3551
item	rej	1	-3.3142	0.7198	21.1969	0.0001
item	reject	1	-1.5476	0.3482	19.7478	0.0001
item	skody	1	-26.3653	0.5869	2018.1166	0.0001
item	wannabe	1	-26.3653	0.4221	3901.7058	0.0001
item*island	Urkel, 1	1	0.0238	0.5462	0.0019	0.9652
item*island	Urkel, 2	0	0.0000	0.0000	.	.
item*island	Homey, 1	0	23.6912	0.0000	.	.
item*island	Homey, 2	0	0.0000	0.0000	.	.
item*island	bighead, 1	0	22.5476	0.0000	.	.
item*island	bighead, 2	0	0.0000	0.0000	.	.
item*island	dick, 1	1	0.4097	0.5200	0.6208	0.4308
item*island	dick, 2	0	0.0000	0.0000	.	.
item*island	dork, 1	1	0.5802	0.4549	1.6271	0.2021
item*island	dork, 2	0	0.0000	0.0000	.	.
item*island	gdy_gd, 1	1	-0.3050	0.4044	0.5686	0.4508
item*island	gdy_gd, 2	0	0.0000	0.0000	.	.
item*island	loser, 1	1	0.0960	0.3384	0.0805	0.7766
item*island	loser, 2	0	0.0000	0.0000	.	.
item*island	rej, 1	1	1.5838	0.7761	4.1649	**0.0413**
item*island	rej, 2	0	0.0000	0.0000	.	.
item*island	reject, 1	1	1.7417	0.4058	18.4195	**0.0001**
item*island	reject, 2	0	0.0000	0.0000	.	.
item*island	skody, 1	0	22.9641	0.0000	.	.
item*island	skody, 2	0	0.0000	0.0000	.	.
item*island	wannabe, 1	0	23.6912	0.0000	.	.
item*island	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp by Catholic

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	Urkel	1	-2.7081	1.0328	6.8752	0.0087
item	Homey	1	-26.3653	0.4179	3979.7540	0.0001
item	bighead	1	-2.7081	1.0328	6.8752	0.0087
item	dick	1	-1.9459	0.7559	6.6265	0.0100
item	dork	1	-0.5108	0.5164	0.9785	0.3226
item	gdy_gd	1	-1.4663	0.6405	5.2410	0.0221
item	loser	1	0.5108	0.5164	0.9785	0.3226
item	rej	1	-2.7081	1.0328	6.8752	0.0087
item	reject	1	-0.5108	0.5164	0.9785	0.3226
item	skody	1	-1.4663	0.6405	5.2410	0.0221
item	wannabe	1	-26.3653	0.4179	3979.7530	0.0001
item*catholic	Urkel, 1	1	0.6625	1.0686	0.3844	0.5353
item*catholic	Urkel, 2	0	0.0000	0.0000	.	.
item*catholic	Homey, 1	0	23.3288	0.0000	.	.
item*catholic	Homey, 2	0	0.0000	0.0000	.	.
item*catholic	bighead, 1	1	-2.1595	1.4403	2.2481	0.1338
item*catholic	bighead, 2	0	0.0000	0.0000	.	.
item*catholic	dick, 1	1	0.1089	0.7974	0.0186	0.8914
item*catholic	dick, 2	0	0.0000	0.0000	.	.
item*catholic	dork, 1	1	-1.0358	0.5652	3.3591	0.0668
item*catholic	dork, 2	0	0.0000	0.0000	.	.
item*catholic	gdy_gd, 1	1	0.2087	0.6742	0.0958	0.7569
item*catholic	gdy_gd, 2	0	0.0000	0.0000	.	.
item*catholic	loser, 1	1	-0.7718	0.5456	2.0010	0.1572
item*catholic	loser, 2	0	0.0000	0.0000	.	.
item*catholic	rej, 1	1	0.6625	1.0686	0.3844	0.5353
item*catholic	rej, 2	0	0.0000	0.0000	.	.
item*catholic	reject, 1	1	0.1874	0.5459	0.1179	0.7313
item*catholic	reject, 2	0	0.0000	0.0000	.	.
item*catholic	skody, 1	1	-24.8990	46400.3738	0.0000	0.9996
item*catholic	skody, 2	0	0.0000	0.0000	.	.
item*catholic	wannabe, 1	0	23.3288	0.0000	.	.
item*catholic	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp by Urban/Rural

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000	.	.	
item	Urkel	1	-1.4733	0.3343	19.4253	0.0001
item	Homey	1	-3.3499	0.7194	21.6829	0.0001
item	bighead	1	-3.3499	0.7194	21.6829	0.0001
item	dick	1	-1.4733	0.3343	19.4253	0.0001
item	dork	1	-1.3652	0.3234	17.8175	0.0001
item	gdy_gd	1	-0.6678	0.2750	5.8962	0.0152
item	loser	1	0.2384	0.2622	0.8266	0.3633
item	rej	1	-2.6210	0.5179	25.6164	0.0001
item	reject	1	-0.5931	0.2719	4.7572	0.0292
item	skody	1	-2.9267	0.5926	24.3908	0.0001
item	wannabe	1	-3.3499	0.7194	21.6829	0.0001
item*urb_rur	Urkel, 1	1	-1.3117	0.5693	5.3090	0.0212
item*urb_rur	Urkel, 2	0	0.0000	0.0000	.	.
item*urb_rur	Homey, 1	1	0.3295	0.8830	0.1392	0.7091
item*urb_rur	Homey, 2	0	0.0000	0.0000	.	.
item*urb_rur	bighead, 1	1	-23.0154	57267.4574	0.0000	0.9997
item*urb_rur	bighead, 2	0	0.0000	0.0000	.	.
item*urb_rur	dick, 1	1	-0.6733	0.4856	1.9221	0.1656
item*urb_rur	dick, 2	0	0.0000	0.0000	.	.
item*urb_rur	dork, 1	1	-0.1107	0.4259	0.0675	0.7950
item*urb_rur	dork, 2	0	0.0000	0.0000	.	.
item*urb_rur	gdy_gd, 1	1	-1.1513	0.4153	7.6849	**0.0056**
item*urb_rur	gdy_gd, 2	0	0.0000	0.0000	.	.
item*urb_rur	loser, 1	1	-0.7122	0.3434	4.3008	**0.0381**
item*urb_rur	loser, 2	0	0.0000	0.0000	.	.
item*urb_rur	rej, 1	1	0.8019	0.6042	1.7615	0.1844
item*urb_rur	rej, 2	0	0.0000	0.0000	.	.
item*urb_rur	reject, 1	1	0.4065	0.3476	1.3672	0.2423
item*urb_rur	reject, 2	0	0.0000	0.0000	.	.
item*urb_rur	skody, 1	1	-23.4386	57267.4574	0.0000	0.9997
item*urb_rur	skody, 2	0	0.0000	0.0000	.	.
item*urb_rur	wannabe, 1	1	0.3295	0.8830	0.1392	0.7091
item*urb_rur	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp 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	Urkel	1	-2.6810	0.4623	33.6356	0.0001
item	Homey	1	-3.6376	0.7164	25.7855	0.0001
item	bighead	1	-26.3653	0.7198	1341.4795	0.0001
item	dick	1	-2.3168	0.3962	34.2001	0.0001
item	dork	1	-1.3545	0.2804	23.3348	0.0001
item	gdy_gd	1	-1.5198	0.2950	26.5339	0.0001
item	loser	1	-0.3102	0.2292	1.8314	0.1760
item	rej	1	-1.9169	0.3387	32.0349	0.0001
item	reject	1	-0.5245	0.2343	5.0122	0.0252
item	skody	1	-3.2189	0.5888	29.8880	0.0001
item	wannabe	1	-26.3653	0.4316	3731.7586	0.0001
item*region1	Urkel, 1	1	0.8686	0.5993	2.1012	0.1472
item*region1	Urkel, 2	0	0.0000	0.0000	.	.
item*region1	Homey, 1	1	1.0536	0.8843	1.4195	0.2335
item*region1	Homey, 2	0	0.0000	0.0000	.	.
item*region1	bighead, 1	0	23.0511	0.0000	.	.
item*region1	bighead, 2	0	0.0000	0.0000	.	.
item*region1	dick, 1	1	0.8860	0.5192	2.9120	0.0879
item*region1	dick, 2	0	0.0000	0.0000	.	.
item*region1	dork, 1	1	0.0328	0.4292	0.0058	0.9391
item*region1	dork, 2	0	0.0000	0.0000	.	.
item*region1	gdy_gd, 1	1	0.3977	0.4263	0.8702	0.3509
item*region1	gdy_gd, 2	0	0.0000	0.0000	.	.
item*region1	loser, 1	1	0.3452	0.3503	0.9713	0.3244
item*region1	loser, 2	0	0.0000	0.0000	.	.
item*region1	rej, 1	1	-0.4249	0.5779	0.5406	0.4622
item*region1	rej, 2	0	0.0000	0.0000	.	.
item*region1	reject, 1	1	0.4192	0.3539	1.4027	0.2363
item*region1	reject, 2	0	0.0000	0.0000	.	.
item*region1	skody, 1	1	-23.1464	70342.8077	0.0000	0.9997
item*region1	skody, 2	0	0.0000	0.0000	.	.
item*region1	wannabe, 1	0	24.2253	0.0000	.	.
item*region1	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp 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	Urkel	1	-1.2993	0.6513	3.9792	0.0461
item	Homey	1	-27.3653	0.7282	1412.1379	0.0001
item	bighead	1	-27.3653	0.7198	1445.1627	0.0001
item	dick	1	-1.7918	0.7638	5.5035	0.0190
item	dork	1	-2.5649	1.0377	6.1090	0.0134
item	gdy_gd	1	-0.9163	0.5916	2.3988	0.1214
item	loser	1	-0.5878	0.5578	1.1105	0.2920
item	rej	1	-2.5649	1.0377	6.1090	0.0134
item	reject	1	-0.5878	0.5578	1.1105	0.2920
item	skody	1	-27.3653	0.6038	2054.0177	0.0001
item	wannabe	1	-27.3652	0.4316	4020.1784	0.0001
item*region1	Urkel, 1	1	-0.3000	1.2076	0.0617	0.8038
item*region1	Urkel, 2	1	-1.2910	0.8846	2.1297	0.1445
item*region1	Urkel, 3	0	0.0000	0.0000	.	.
item*region1	Homey, 1	1	0.2194	0.8940	0.0602	0.8061
item*region1	Homey, 2	0	0.0000	0.0000	.	.
item*region1	Homey, 3	0	0.0000	0.0000	.	.
item*region1	bighead, 1	0	24.0510	0.0000	.	.
item*region1	bighead, 2	1	-0.0001	99141.8609	0.0000	1.0000
item*region1	bighead, 3	0	0.0000	0.0000	.	.
item*region1	dick, 1	1	0.4509	1.1559	0.1521	0.6965
item*region1	dick, 2	1	-0.4855	0.9268	0.2744	0.6004
item*region1	dick, 3	0	0.0000	0.0000	.	.
item*region1	dork, 1	1	0.6665	1.2258	0.2956	0.5867
item*region1	dork, 2	1	0.9273	1.1169	0.6893	0.4064
item*region1	dork, 3	0	0.0000	0.0000	.	.
item*region1	gdy_gd, 1	1	0.6479	0.9259	0.4897	0.4841
item*region1	gdy_gd, 2	1	-0.2776	0.6930	0.1605	0.6887
item*region1	gdy_gd, 3	0	0.0000	0.0000	.	.
item*region1	loser, 1	1	1.0092	0.7728	1.7056	0.1916
item*region1	loser, 2	1	0.4480	0.6361	0.4961	0.4812
item*region1	loser, 3	0	0.0000	0.0000	.	.
item*region1	rej, 1	1	-2.4537	1.5715	2.4379	0.1184
item*region1	rej, 2	1	-1.1727	1.4494	0.6547	0.4185
item*region1	rej, 3	0	0.0000	0.0000	.	.
item*region1	reject, 1	1	-2.3259	0.8604	7.3068	**0.0069**
item*region1	reject, 2	1	-1.4404	0.7331	3.8603	**0.0494**
item*region1	reject, 3	0	0.0000	0.0000	.	.
item*region1	skody, 1	1	-24.9982	115975.683	0.0000	0.9998
item*region1	skody, 2	0	0.0000	0.0000	.	.
item*region1	skody, 3	0	0.0000	0.0000	.	.

item*region1	wannabe, 1	0	25.2252	0.0000	.	.
item*region1	wannabe, 2	1	-0.0001	99141.8608	0.0000	1.0000
item*region1	wannabe, 3	0	0.0000	0.0000	.	.
item*island	Urkel, 1	1	-0.2131	0.9427	0.0511	0.8212
item*island	Urkel, 2	0	0.0000	0.0000	.	.
item*island	Homey, 1	0	24.5620	0.0000	.	.
item*island	Homey, 2	0	0.0000	0.0000	.	.
item*island	bighead, 1	0	0.0000	0.0000	.	.
item*island	bighead, 2	0	0.0000	0.0000	.	.
item*island	dick, 1	1	-0.0899	0.8001	0.0126	0.9106
item*island	dick, 2	0	0.0000	0.0000	.	.
item*island	dork, 1	1	0.5767	0.5659	1.0388	0.3081
item*island	dork, 2	0	0.0000	0.0000	.	.
item*island	gdy_gd, 1	1	-0.8538	0.6423	1.7668	0.1838
item*island	gdy_gd, 2	0	0.0000	0.0000	.	.
item*island	loser, 1	1	-0.3863	0.4646	0.6914	0.4057
item*island	loser, 2	0	0.0000	0.0000	.	.
item*island	rej, 1	1	2.6768	1.0832	6.1065	**0.0135**
item*island	rej, 2	0	0.0000	0.0000	.	.
item*island	reject, 1	1	2.8083	0.5991	21.9748	**0.0001**
item*island	reject, 2	0	0.0000	0.0000	.	.
item*island	skody, 1	0	24.9982	0.0000	.	.
item*island	skody, 2	0	0.0000	0.0000	.	.
item*island	wannabe, 1	0	0.0000	0.0000	.	.
item*island	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp by Decile and Urban/Rural, 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	Urkel	1	-1.1380	0.6749	2.8429	0.0918
item	Homey	1	-3.8611	1.3236	8.5102	0.0035
item	bighead	1	-5.9766	3.1761	3.5409	0.0599
item	dick	1	-0.8231	0.6140	1.7974	0.1800
item	dork	1	-0.9532	0.5689	2.8071	0.0939
item	gdy_gd	1	-1.2433	0.5778	4.6292	0.0314
item	loser	1	-0.7586	0.4879	2.4181	0.1199
item	rej	1	-2.3829	0.7993	8.8873	0.0029
item	reject	1	-0.5689	0.4827	1.3885	0.2387
item	skody	1	-2.6201	1.3397	3.8247	0.0505
item	wannabe	1	-1.5355	0.9999	2.3582	0.1246
decile*item	Urkel	1	-0.0535	0.0957	0.3128	0.5760
decile*item	Homey	1	0.0763	0.1590	0.2303	0.6313
decile*item	bighead	1	0.3475	0.3657	0.9028	0.3420

decile*item	dick	1	-0.1062	0.0878	1.4610	0.2268
decile*item	dork	1	-0.0660	0.0769	0.7367	0.3907
decile*item	gdy_gd	1	0.0881	0.0762	1.3381	0.2474
decile*item	loser	1	0.1571	0.0646	5.9218	**0.0150**
decile*item	rej	1	-0.0380	0.0994	0.1461	0.7022
decile*item	reject	1	-0.0038	0.0623	0.0037	0.9516
decile*item	skody	1	-0.0493	0.1995	0.0612	0.8046
decile*item	wannabe	1	-0.3670	0.1873	3.8366	0.0501
item*urb_rur	Urkel, 1	1	-1.3735	0.5807	5.5938	**0.0180**
item*urb_rur	Urkel, 2	0	0.0000	0.0000	.	.
item*urb_rur	Homey, 1	1	0.4213	0.9062	0.2162	0.6420
item*urb_rur	Homey, 2	0	0.0000	0.0000	.	.
item*urb_rur	bighead, 1	1	-22.5194	55223.7244	0.0000	0.9997
item*urb_rur	bighead, 2	0	0.0000	0.0000	.	.
item*urb_rur	dick, 1	1	-0.7937	0.4983	2.5376	0.1112
item*urb_rur	dick, 2	0	0.0000	0.0000	.	.
item*urb_rur	dork, 1	1	-0.1840	0.4351	0.1788	0.6724
item*urb_rur	dork, 2	0	0.0000	0.0000	.	.
item*urb_rur	gdy_gd, 1	1	-1.0585	0.4238	6.2377	**0.0125**
item*urb_rur	gdy_gd, 2	0	0.0000	0.0000	.	.
item*urb_rur	loser, 1	1	-0.5618	0.3550	2.5036	0.1136
item*urb_rur	loser, 2	0	0.0000	0.0000	.	.
item*urb_rur	rej, 1	1	0.7605	0.6132	1.5381	0.2149
item*urb_rur	rej, 2	0	0.0000	0.0000	.	.
item*urb_rur	reject, 1	1	0.4022	0.3547	1.2854	0.2569
item*urb_rur	reject, 2	0	0.0000	0.0000	.	.
item*urb_rur	skody, 1	1	-23.4915	57212.3280	0.0000	0.9997
item*urb_rur	skody, 2	0	0.0000	0.0000	.	.
item*urb_rur	wannabe, 1	1	0.0683	0.9021	0.0057	0.9396
item*urb_rur	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	

Abuse Comp by Main Region and Decile, 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	Urkel	1	-1.4248	0.8771	2.6391	0.1043
item	Homey	1	-27.0504	1.3512	400.7703	0.0001
item	bighead	1	-31.8148	4.0570	61.4972	0.0001
item	dick	1	-1.4844	0.9120	2.6489	0.1036
item	dork	1	-2.3006	1.1227	4.1988	0.0405
item	gdy_gd	1	-1.7918	0.7774	5.3122	0.0212
item	loser	1	-1.8169	0.7138	6.4791	0.0109
item	rej	1	-2.0393	1.1601	3.0901	0.0788
item	reject	1	-0.5151	0.6645	0.6010	0.4382

item	skody	1	-26.0049	1.4508	321.2939	0.0001
item	wannabe	1	-24.9815	0.8100	951.2333	0.0001
item*region1	Urkel, 1	1	-0.4945	0.7598	0.4235	0.5152
item*region1	Urkel, 2	1	-1.3961	0.8018	3.0317	0.0817
item*region1	Urkel, 3	0	0.0000	0.0000	.	.
item*region1	Homey, 1	1	23.8755	0.9185	675.6717	**0.0001**
item*region1	Homey, 2	0	22.6508	0.0000	.	.
item*region1	Homey, 3	0	0.0000	0.0000	.	.
item*region1	bighead, 1	0	23.4026	0.0000	.	.
item*region1	bighead, 2	1	-0.3339	54521.2300	0.0000	1.0000
item*region1	bighead, 3	0	0.0000	0.0000	.	.
item*region1	dick, 1	1	0.3151	0.8387	0.1412	0.7071
item*region1	dick, 2	1	-0.4896	0.8635	0.3214	0.5707
item*region1	dick, 3	0	0.0000	0.0000	.	.
item*region1	dork, 1	1	1.2050	1.0897	1.2228	0.2688
item*region1	dork, 2	1	1.2440	1.0774	1.3332	0.2482
item*region1	dork, 3	0	0.0000	0.0000	.	.
item*region1	gdy_gd, 1	1	-0.0817	0.6805	0.0144	0.9045
item*region1	gdy_gd, 2	1	-0.7077	0.6735	1.1038	0.2934
item*region1	gdy_gd, 3	0	0.0000	0.0000	.	.
item*region1	loser, 1	1	0.8550	0.6462	1.7507	0.1858
item*region1	loser, 2	1	0.1687	0.6245	0.0730	0.7871
item*region1	loser, 3	0	0.0000	0.0000	.	.
item*region1	rej, 1	1	0.1433	1.1440	0.0157	0.9003
item*region1	rej, 2	1	0.7184	1.0975	0.4284	0.5128
item*region1	rej, 3	0	0.0000	0.0000	.	.
item*region1	reject, 1	1	0.4716	0.6200	0.5785	0.4469
item*region1	reject, 2	1	0.0715	0.6065	0.0139	0.9062
item*region1	reject, 3	0	0.0000	0.0000	.	.
item*region1	skody, 1	1	-0.0551	70219.2857	0.0000	1.0000
item*region1	skody, 2	0	23.1876	0.0000	.	.
item*region1	skody, 3	0	0.0000	0.0000	.	.
item*region1	wannabe, 1	0	24.0120	0.0000	.	.
item*region1	wannabe, 2	1	0.2071	58314.7046	0.0000	1.0000
item*region1	wannabe, 3	0	0.0000	0.0000	.	.
decile*item	Urkel	1	0.0215	0.0998	0.0465	0.8293
decile*item	Homey	1	0.1122	0.1607	0.4880	0.4848
decile*item	bighead	1	0.7309	0.4773	2.3453	0.1257
decile*item	dick	1	-0.0546	0.0907	0.3622	0.5473
decile*item	dork	1	-0.0470	0.0781	0.3617	0.5476
decile*item	gdy_gd	1	0.1451	0.0785	3.4142	0.0646
decile*item	loser	1	0.2040	0.0670	9.2690	**0.0023**
decile*item	rej	1	-0.0963	0.1001	0.9264	0.3358
decile*item	reject	1	-0.0126	0.0627	0.0403	0.8409
decile*item	skody	1	-0.0645	0.2203	0.0856	0.7698

decile*item	wannabe	1	-0.2815	0.1949	2.0851	0.1487
scale	0	1.00	0.0000	.	.	

Abuse Comp by Sub-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	Urkel	1	-1.2993	0.6513	3.9792	0.0461
item	Homey	1	-26.3653	1.0235	663.5319	0.0001
item	bighead	1	-26.3653	0.7475	1243.9175	0.0001
item	dick	1	-1.7918	0.7638	5.5035	0.0190
item	dork	1	-2.5649	1.0377	6.1090	0.0134
item	gdy_gd	1	-0.9163	0.5916	2.3988	0.1214
item	loser	1	-0.5878	0.5578	1.1105	0.2920
item	rej	1	-2.5649	1.0377	6.1090	0.0134
item	reject	1	-0.5878	0.5578	1.1105	0.2920
item	skody	1	-26.3652	0.7416	1263.8652	0.0001
item	wannabe	1	-26.3654	0.7360	1283.3286	0.0001
item*region2	Urkel, 1	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 2	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 3	1	0.5261	0.8172	0.4144	0.5197
item*region2	Urkel, 4	1	-1.1856	0.9828	1.4553	0.2277
item*region2	Urkel, 5	1	-25.0660	153308.595	0.0000	0.9999
item*region2	Urkel, 6	1	-1.0033	0.9870	1.0332	0.3094
item*region2	Urkel, 7	1	-25.0660	177025.517	0.0000	0.9999
item*region2	Urkel, 8	1	-25.0660	216811.094	0.0000	0.9999
item*region2	Urkel, 9	1	-0.3102	0.9079	0.1167	0.7326
item*region2	Urkel, 10	1	-25.0660	167941.152	0.0000	0.9999
item*region2	Urkel, 11	0	0.0000	0.0000	.	.
item*region2	Homey, 1	1	25.6721	1.3408	366.6289	**0.0001**
item*region2	Homey, 2	1	-0.0000	216811.094	0.0000	1.0000
item*region2	Homey, 3	1	23.4749	1.4502	262.0191	**0.0001**
item*region2	Homey, 4	1	23.1464	1.4449	256.6353	**0.0001**
item*region2	Homey, 5	1	23.9674	1.4624	268.6129	**0.0001**
item*region2	Homey, 6	0	23.3208	0.0000	.	.
item*region2	Homey, 7	1	-0.0000	177025.517	0.0000	1.0000
item*region2	Homey, 8	1	-0.0000	216811.094	0.0000	1.0000
item*region2	Homey, 9	1	-0.0000	125175.944	0.0000	1.0000
item*region2	Homey, 10	1	-0.0000	167941.152	0.0000	1.0000
item*region2	Homey, 11	0	0.0000	0.0000	.	.
item*region2	bighead, 1	1	0.0000	216811.094	0.0000	1.0000
item*region2	bighead, 2	1	0.0000	216811.094	0.0000	1.0000
item*region2	bighead, 3	0	24.2253	0.0000	.	.
item*region2	bighead, 4	1	0.0000	104152.681	0.0000	1.0000
item*region2	bighead, 5	1	0.0000	153308.595	0.0000	1.0000

item*region2	bighead, 6	1	0.0000	113225.901	0.0000	1.0000
item*region2	bighead, 7	1	0.0000	177025.517	0.0000	1.0000
item*region2	bighead, 8	1	0.0000	216811.094	0.0000	1.0000
item*region2	bighead, 9	1	0.0000	125175.944	0.0000	1.0000
item*region2	bighead, 10	1	0.0000	167941.152	0.0000	1.0000
item*region2	bighead, 11	0	0.0000	0.0000	.	.
item*region2	dick, 1	1	1.7918	1.1180	2.5683	0.1090
item*region2	dick, 2	1	0.1823	1.3354	0.0186	0.8914
item*region2	dick, 3	1	0.7621	0.9245	0.6796	0.4097
item*region2	dick, 4	1	-0.6931	1.0607	0.4271	0.5134
item*region2	dick, 5	1	0.1823	1.0878	0.0281	0.8669
item*region2	dick, 6	1	-1.2528	1.2771	0.9623	0.3266
item*region2	dick, 7	1	-24.5736	177025.517	0.0000	0.9999
item*region2	dick, 8	1	0.1823	1.3354	0.0186	0.8914
item*region2	dick, 9	1	0.1823	0.9916	0.0338	0.8541
item*region2	dick, 10	1	-24.5736	167941.152	0.0000	0.9999
item*region2	dick, 11	0	0.0000	0.0000	.	.
item*region2	dork, 1	1	1.8718	1.3516	1.9178	0.1661
item*region2	dork, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	dork, 3	1	1.5353	1.1612	1.7482	0.1861
item*region2	dork, 4	1	1.1299	1.1509	0.9638	0.3262
item*region2	dork, 5	1	1.8718	1.2050	2.4131	0.1203
item*region2	dork, 6	1	1.3412	1.1557	1.3466	0.2459
item*region2	dork, 7	1	2.3418	1.2357	3.5916	0.0581
item*region2	dork, 8	1	-23.8004	216811.094	0.0000	0.9999
item*region2	dork, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	dork, 10	1	1.1787	1.3046	0.8163	0.3663
item*region2	dork, 11	0	0.0000	0.0000	.	.
item*region2	gdy_gd, 1	1	0.2231	1.0488	0.0453	0.8315
item*region2	gdy_gd, 2	1	-25.4490	216811.094	0.0000	0.9999
item*region2	gdy_gd, 3	1	0.8109	0.7491	1.1720	0.2790
item*region2	gdy_gd, 4	1	-1.1206	0.8525	1.7277	0.1887
item*region2	gdy_gd, 5	1	-0.6931	0.9747	0.5057	0.4770
item*region2	gdy_gd, 6	1	-1.3863	0.9487	2.1353	0.1439
item*region2	gdy_gd, 7	1	-1.1632	1.2145	0.9172	0.3382
item*region2	gdy_gd, 8	1	-25.4490	216811.094	0.0000	0.9999
item*region2	gdy_gd, 9	1	0.2231	0.7746	0.0830	0.7733
item*region2	gdy_gd, 10	1	0.0690	0.9090	0.0058	0.9395
item*region2	gdy_gd, 11	0	0.0000	0.0000	.	.
item*region2	loser, 1	1	-0.1054	1.0301	0.0105	0.9185
item*region2	loser, 2	1	-1.0217	1.2293	0.6907	0.4059
item*region2	loser, 3	1	1.6174	0.7632	4.4907	**0.0341**
item*region2	loser, 4	1	0.4336	0.6825	0.4036	0.5252
item*region2	loser, 5	1	-1.0217	0.9545	1.1456	0.2845
item*region2	loser, 6	1	0.4055	0.7032	0.3325	0.5642

item*region2	loser, 7	1	1.8405	0.9767	3.5511	0.0595
item*region2	loser, 8	1	-25.7775	216811.094	0.0000	0.9999
item*region2	loser, 9	1	0.5878	0.7303	0.6478	0.4209
item*region2	loser, 10	1	0.1823	0.8531	0.0457	0.8308
item*region2	loser, 11	0	0.0000	0.0000	.	.
item*region2	rej, 1	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 3	1	-23.8004	121837.317	0.0000	0.9998
item*region2	rej, 4	1	1.1299	1.1509	0.9638	0.3262
item*region2	rej, 5	1	3.2581	1.2050	7.3111	0.0069
item*region2	rej, 6	1	-23.8004	113225.901	0.0000	0.9998
item*region2	rej, 7	1	-23.8004	177025.517	0.0000	0.9999
item*region2	rej, 8	1	-23.8004	216811.094	0.0000	0.9999
item*region2	rej, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	rej, 10	1	-23.8004	167941.152	0.0000	0.9999
item*region2	rej, 11	0	0.0000	0.0000	.	.
item*region2	reject, 1	1	2.1972	1.2293	3.1949	0.0739
item*region2	reject, 2	1	0.5878	0.9888	0.3533	0.5522
item*region2	reject, 3	1	-0.4418	0.7632	0.3351	0.5627
item*region2	reject, 4	1	0.7419	0.6825	1.1816	0.2770
item*region2	reject, 5	1	2.9857	1.1841	6.3582	**0.0117**
item*region2	reject, 6	1	0.7701	0.7032	1.1995	0.2734
item*region2	reject, 7	1	-1.4917	1.1984	1.5493	0.2132
item*region2	reject, 8	1	-1.0217	1.2293	0.6907	0.4059
item*region2	reject, 9	1	-1.0217	0.8433	1.4678	0.2257
item*region2	reject, 10	1	-25.7775	167941.152	0.0000	0.9999
item*region2	reject, 11	0	0.0000	0.0000	.	.
item*region2	skody, 1	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 2	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 3	1	-0.0001	121837.317	0.0000	1.0000
item*region2	skody, 4	1	-0.0001	104152.681	0.0000	1.0000
item*region2	skody, 5	1	23.9673	1.2810	350.0703	**0.0001**
item*region2	skody, 6	0	24.0627	0.0000	.	.
item*region2	skody, 7	1	-0.0001	177025.517	0.0000	1.0000
item*region2	skody, 8	1	-0.0001	216811.094	0.0000	1.0000
item*region2	skody, 9	1	-0.0001	125175.944	0.0000	1.0000
item*region2	skody, 10	1	-0.0001	167941.152	0.0000	1.0000
item*region2	skody, 11	0	0.0000	0.0000	.	.
item*region2	wannabe, 1	1	24.7560	1.3197	351.8811	**0.0001**
item*region2	wannabe, 2	1	0.0001	216811.094	0.0000	1.0000
item*region2	wannabe, 3	1	24.6915	0.9682	650.3128	**0.0001**
item*region2	wannabe, 4	0	23.8805	0.0000	.	.
item*region2	wannabe, 5	1	0.0001	153308.595	0.0000	1.0000
item*region2	wannabe, 6	1	0.0001	113225.901	0.0000	1.0000
item*region2	wannabe, 7	1	0.0001	177025.517	0.0000	1.0000

item*region2	wannabe, 8	1	0.0001	216811.094	0.0000	1.0000
item*region2	wannabe, 9	1	0.0001	125175.944	0.0000	1.0000
item*region2	wannabe, 10	1	0.0001	167941.152	0.0000	1.0000
item*region2	wannabe, 11	0	0.0000	0.0000	.	.
item*island	Urkel, 1	0	0.0000	0.0000	.	.
item*island	Urkel, 2	0	0.0000	0.0000	.	.
item*island	Homey, 1	0	0.0000	0.0000	.	.
item*island	Homey, 2	0	0.0000	0.0000	.	.
item*island	bighead, 1	0	0.0000	0.0000	.	.
item*island	bighead, 2	0	0.0000	0.0000	.	.
item*island	dick, 1	0	0.0000	0.0000	.	.
item*island	dick, 2	0	0.0000	0.0000	.	.
item*island	dork, 1	0	0.0000	0.0000	.	.
item*island	dork, 2	0	0.0000	0.0000	.	.
item*island	gdy_gd, 1	0	0.0000	0.0000	.	.
item*island	gdy_gd, 2	0	0.0000	0.0000	.	.
item*island	loser, 1	0	0.0000	0.0000	.	.
item*island	loser, 2	0	0.0000	0.0000	.	.
item*island	rej, 1	0	0.0000	0.0000	.	.
item*island	rej, 2	0	0.0000	0.0000	.	.
item*island	reject, 1	0	0.0000	0.0000	.	.
item*island	reject, 2	0	0.0000	0.0000	.	.
item*island	skody, 1	0	0.0000	0.0000	.	.
item*island	skody, 2	0	0.0000	0.0000	.	.
item*island	wannabe, 1	0	0.0000	0.0000	.	.
item*island	wannabe, 2	0	0.0000	0.0000	.	.
scale	0	1.00	0.0000	.	.	