I stuffed up

Laurie and Winifred Bauer

Question 31 was designed to elicit ways of saying that you had made a mess of something:

31 In the finals of the speech competition, Trindy forgot her speech, and made a lot of mistakes. Her Mum asks how it went. What would Trindy say?

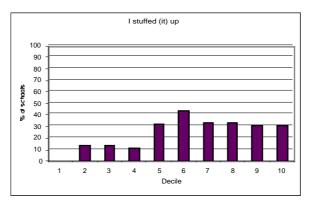
This question elicited a wide variety of different types of response, and for each of those types, a wide variety of wordings. This made the data extremely difficult to analyse. One of the major problems we faced was where the teachers did not make the full construction explicit. Thus we had answers of *I sucked* and answers of *it sucked*, but also answers of *sucked*. This made grouping very difficult, and two attempts were made to analyse the data.

In the first attempt, the root was taken as primary, so that all forms of *suck*, for example, were grouped together. In the second attempt, a thematic approach was taken, and particular care was taken to distinguish between pairs like *I sucked* and *It sucked*.

A number of the highest frequency roots were examined for regional distribution. These were *suck* (71); *stuff (it) (up)* (40); *bad* (31); *muck up* (26); *stink* (19); *just/not great* (16); *you don't want to know* (16); *terrible* (14); *screwed up* (14); *crap* (13).

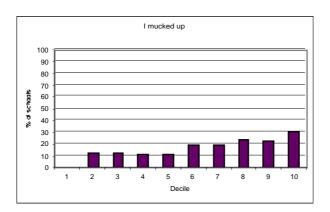
Suck (including both *I sucked* and *It sucked*, and variants on these) was reported from all areas of the country, although there were small patches where the reports were less frequent than elsewhere.

Stuff up (I stuffed up, I stuffed, I stuffed it up, I made a lot of stuff-ups) was also reported from all areas of the country, although it was a little less frequent than might be expected in the far south. It was also more frequent in higher decile schools than in low decile schools:



Bad (including *It was bad, It went bad(ly), I was bad*) was also reported throughout the country, except for a swathe across the central North Island: there are no reports from the southern edge of the Hauraki Plains until the southern side of the volcanic plateau, and none from Taranaki – Wanganui. This seems likely to be an accidental gap rather than anything systematic, but corresponds fairly closely to the CNIs sub-region.

Muck up (including *I mucked (it) up, It was a big muck-up*) was reported from Northland to Southland. Like *stuff up*, it shows a slight tendency to be more common from higher decile schools:



Stink (including *I stink, I stinked/stunk, It stinked*, and just *Stink* – presumably most likely in response to an assumed question "How did it go?", so to be interpreted as *It went stink*) was reported from Auckland to Southland. However, it is much less frequent in the South Island than the North, with only two reports south of Kaikoura:

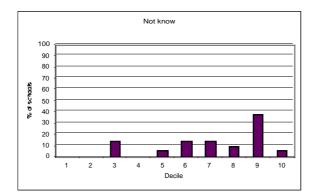
	North	Island	South Island		
	No.	%	No.	%	
Schools	93	62	57	38	
Stink	14	74	5	26	

Just/not great included the sarcastic *Just great, really great* and the straightforward *Not great*. It was reported from Northland to Southland, with no evidence of any particular regionalisation. It was a little more frequent in middle decile schools than in those at either end of the spectrum, but the differences are probably not significant.

You don't want to know (which also included *Don't ask*) was reported patchily from Auckland to Southland. 7 reports (almost half) came from Auckland. This alone means that the distribution was skewed across the regions, but there was also a higher-than-expected occurrence in Southland-Otago:

	Northe	8				Southern Region	
	No.	No. % of total		% of total	No.	% of total	
Schools	57	38	78	52	14	9	
Don't want to know	9	56	4	25	3	19	

It was also more common in higher decile schools, which means that the high reportage figures for the Northern Region and the low figures for the Central Region are even more surprising:



Terrible (usually *It went terrible*) was reported from Auckland to Southland. It was a little less frequent in the South Island than might be expected:

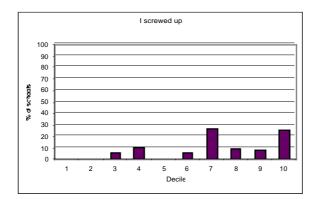
	North	Island	South Island	
	No.	%	No.	%
Schools	93	62	57	38
Terrible	11	79	3	21

However, it is not a particularly high-frequency form, and not a great deal of store can be set by this.

Screwed up (*I screwed, I screwed it up, I screwed up*) was reported from Auckland to Otago. It is more frequent in the Northern Region:

	Northern Region		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	57	38	78	52	14	9
Screwed up	7	50	5	36	2	14

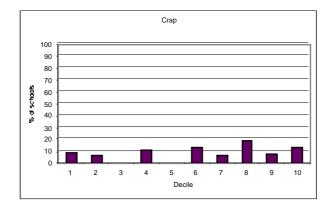
Again, this is even more surprising when it is put alongside the fact that *screwed up* is more common in higher decile schools:



Crap (I was crap, It was/went crap) was reported from Northland to Christchurch. However, it is much more frequent in the North Island than the South Island:

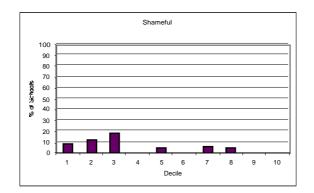
	North	Island	South Island		
	No.	%	No.	%	
Schools	93	62	57	38	
Crap	11	85	2	15	

It was also a little more common in high decile schools:

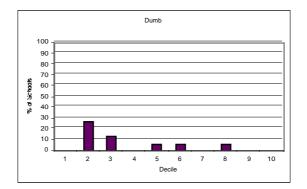


The low frequency forms investigated were: *bum* (10); *shameful* (9); *dumb* (9); *I choked* (5); *useless* (5); *crud* (5); *stupid* (4); *crusty* (4); *I blew it* (3); *I killed it* (3). One noticeable fact about their distribution as a group was that very few were reported at all from the South Island.

Bum was a category containing several rather disparate items: (*I'm a bum; I bummed (out)*). These were reported from Northland to Southland, but were more frequent in the Northern Region, with 6 of the 10 reports from there. *Shameful* was also a somewhat mixed category, including *I felt shamed, It was shameful, Shame on your name,* and others. These were reported from Northland to Nelson-Marlborough. Only two of the reports were from the South Island, both in the northernmost area. There was also a tendency for this to be reported from low decile schools:



Dumb (both *It was dumb* and *I was dumb*) was reported from Northland to Christchurch. It had a patch of popularity in Hawkes Bay-Poverty Bay, and was most often reported from low decile schools:



I choked was reported three times from Northland – Auckland, and twice from Wellington.

Useless was reported three times from Northland, and twice from Hawkes Bay. *Crud* was the only one of these low frequency terms reported more from the South Island than the North. It was not reported at all from the Northern Region, but once from the Manawatu, and the remainder were dotted around the South Island.

Stupid was reported twice from Hawkes Bay and twice from Wellington. *Crusty* was reported three times from Northland – Auckland, and once from Hawkes Bay.

I blew it was reported only from Northland and Auckland.

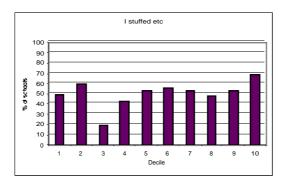
I killed it was reported only from Auckland.

It will be seen that quite a number of these forms appear to show some kind of regionalisation, but because the number of reports was very small in all cases, not a great deal of weight can be placed on these.

Because a number of these forms involved the collapsing of doubtful categories, a second pass over the data was made, to see whether there were other patterns if different groupings were made. In particular, it seemed worthwhile to separate *I was dumb* from *It was dumb*, *I sucked* from *It sucked*, etc. It was also clear that there were four basic themes that ran through the responses. One was to answer the inquiry about how it went by saying it went badly. The second was to answer the inquiry by saying – in some words –that you had made a mess of it. The third was to answer by saying that you were no good. The fourth was to stick to the facts, and say that you had forgotten your speech. (Often, of course, responses included more than one of these elements.) Following this line of approach, the data was re-classified into the following thematic groupings: *It went badly* (115); *I stuffed* etc. (76); *I was useless* etc (16); *I forgot* (46). It was not clear which group the response *I sucked* belonged in: it could be like *I was useless* or like *I stuffed*. It was therefore treated separately: *I sucked* (34).

It went badly was a universal theme, with the gaps in its reporting no doubt accidental.

I stuffed etc. was also very widespread. There were a few thin patches and one small hole in its distribution in Southland, but these are probably not significant. While the commonest expressions of this theme: *I stuffed (it) (up), I mucked (it) up, I screwed (it) up* all showed a tendency to be reported from higher decile schools, the group as a whole did not show the same tendency to any great degree:



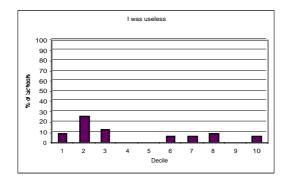
The implication must be that the students in lower decile schools do not use one of these common formulae for this, but used a wide variety of low-frequency expressions to fit the bill. Amongst these were *I crapped out, I fumbled, I conked out, I made a balls-up, I was busted, I dropped it down the drain, I made a boo-boo, I failed, I bunged (it) up, I muffed it, I fluffed it, I flunked, I got hammered, I bit the dirt, I munted my lines, I tripped up major.*

I was useless etc. was more common in the North Island than the South Island. It was also more common in the Northern Region than the Central Region, and not reported at all from the Southern Region.

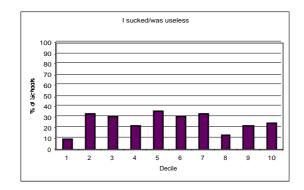
	North	Island	South Island		
	No.	%	No.	%	
Schools	93	62	57	38	
I was useless	14	88	2	13	

	0		Central Region		Southern Region	
	No.	% of total	No.	% of total	No.	% of total
Schools	53	35	77	51	14	9
I was useless	9	56	7	44	0	0

The most common forms for expressing this theme, *dumb* and *stupid*, showed a tendency to be reported from lower decile schools. This tendency was still visible in the thematic group, and thus interacts with the higher frequency in the Northern Region:

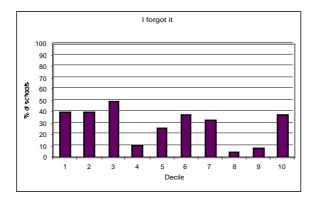


However, the fact that higher decile schools do report this type of response indicates that they used other ways of expressing it. Some of those expressions were *I was crap, I felt shamed, I was such a bum, I was sad, I was an idiot.* In addition, it seems very likely that *I sucked* is the most common expression of this. If the data for *I sucked* is added to the data above, any decile correlation disappears:



Thus while the particular forms of expression may be decile-linked, the theme is unlikely to be.

I forgot my lines etc was reported consistently across the country, and shows no signs of regional distribution. However, the decile distribution is strange:



The data for *I sucked* has already been mentioned. In regional terms, it was reported from all areas of the country, although there was variable density to those reports which did not seem to be patterned, e.g. a gap from Hamilton and the Bay of Plenty through the central North Island as far as the Manawatu, and a

patch of high frequency in the Nelson district. *I sucked* was fairly evenly distributed across all deciles except Decile 1, where no school reported it. Thus while the data for Q31 showed no particularly strong evidence of either regional or social distribution, there are some weaker tendencies which may support some of the tendencies found in other sets of data.

Statistical Analysis

The following forms were considered in the statistical analysis: *crappy, it went stink, I mucked (up), I screwed up, I stuffed (up).*

Crappy was not reported at all from the Southern Region.

It went stink did not show significant correlations with any of the factors considered.

I mucked (up) was significantly high decile (p-value 0.0202).

I screwed up was significantly high decile (p-value 0.0084).

I stuffed (up) was significantly high decile (p-value 0.0058). **Summary**

The complexity of the data made it difficult to analyse, and only individual forms, and not groupings were analysed statistically. The only significant dimension of patterning in this data is social. None of the regional links turned out to be significant.

Because no data is regionalised, no maps are included.

Q31 Statistics: Poor Performance Poor performance by Decile

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

parameter		Estimate	Std Err	Lower	Upper	Ζ	Pr> Z
intercept	0.0000	•	•	•	•	•	
item	crappy	-3.2117	0.8206	-4.8201	-1.6032	-3.914	0.0001
item	go_stink	-1.2090	0.4993	-2.1876	-0.2303	-2.421	0.0155
item	muck_up	-2.7817	0.6055	-3.9685	-1.5949	-4.594	0.0000
item	screw_up	-4.2888	0.9012	-6.0551	-2.5224	-4.759	0.0000
item	stuff_up	-2.0683	0.4314	-2.9138	-1.2228	-4.794	0.0000
decile*item	crappy	0.1384	0.1159	-0.0888	0.3656	1.1941	0.2325
decile*item	go_stink	-0.1337	0.0865	-0.3033	0.0358	-1.546	0.1222
decile*item	muck_up	0.1953	0.0841	0.0304	0.3602	2.3218	0.0202
decile*item	screw_up	0.3033	0.1151	0.0777	0.5288	2.6356	0.0084
decile*item	stuff_up	0.1739	0.0630	0.0504	0.2975	2.7600	0.0058
scale	0.9933	•	•			•	

Poor performance by Main Region

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	crappy	1	-24.3653	0.4623	2778.0681	0.0001
item	go_stink	1	-2.5649	1.0377	6.1090	0.0134
item	muck_up	1	-1.7918	0.7638	5.5035	0.0190
item	screw_up	1	-1.7918	0.7638	5.5035	0.0190
item	stuff_up	1	-1.7918	0.7638	5.5035	0.0190
item*region1	crappy, 1	1	22.5530	0.5993	1416.3910	0.0001
item*region1	crappy, 2	0	21.6843	0.0000		
item*region1	crappy, 3	0	0.0000	0.0000		•
item*region1	go_stink, 1	1	0.8910	1.0995	0.6567	0.4177
item*region1	go_stink, 2	1	0.3959	1.1028	0.1289	0.7196
item*region1	go_stink, 3	0	0.0000	0.0000		•
item*region1	muck_up, 1	1	0.2442	0.8394	0.0846	0.7711
item*region1	muck_up, 2	1	0.1823	0.8220	0.0492	0.8245
item*region1	muck_up, 3	0	0.0000	0.0000		
item*region1	screw_up, 1	1	-0.1744	0.8638	0.0407	0.8400
item*region1	screw_up, 2	1	-0.8893	0.8928	0.9922	0.3192
item*region1	screw_up, 3	0	0.0000	0.0000		•
item*region1	stuff_up, 1	1	0.9361	0.8168	1.3134	0.2518
item*region1	stuff_up, 2	1	0.7932	0.8053	0.9703	0.3246
item*region1	stuff_up, 3	0	0.0000	0.0000		
scale	0	1.00	0.0000	•	•	

CONTRIBT States							
Contrast	DF	ChiSquare	Pr>Chi	Туре			
1 -2 for go_stink	1	0.9047	0.3415	LR			
1 -2 for muck_up	1	0.0179	0.8936	LR			
1 -2 for screw_up	1	1.3812	0.2399	LR			
1 -2 for stuff_up	1	0.1367	0.7116	LR			

CONTRAST Statement Results

Poor performance by Sub-Region

Analysis Of Initial Parameter Estimates

parameter		DF	Estimate	Std Err	ChiSquare	Pr>Chi
intercept	0	0.00	0.0000			
item	crappy	1	-26.3650	1.0290	656.4949	0.0001
item	go_stink	1	-2.5649	1.0377	6.1090	0.0134
item	muck_up	1	-1.7918	0.7638	5.5035	0.0190
item	screw_up	1	-1.7918	0.7638	5.5035	0.0190
item	stuff_up	1	-1.7918	0.7638	5.5035	0.0190
item*region2	crappy, 1	1	24.7555	1.5029	271.3080	0.0001
item*region2	crappy, 2	1	24.7555	1.5029	271.3080	0.0001
item*region2	crappy, 3	1	25.0432	1.1728	455.9561	0.0001
item*region2	crappy, 4	1	23.8801	1.2651	356.3020	0.0001
item*region2	crappy, 5	1	-0.0003	153308.595	0.0000	1.0000
item*region2	crappy, 6	1	24.5192	1.2020	416.1086	0.0001
item*region2	crappy, 7	1	24.2855	1.4778	270.0710	0.0001
item*region2	crappy, 8	1	-0.0003	216811.094	0.0000	1.0000
item*region2	crappy, 9	0	23.5318	0.0000		•
item*region2	crappy, 10	1	-0.0003	167941.152	0.0000	1.0000
item*region2	crappy, 11	0	0.0000	0.0000		•
item*region2	go_stink, 1	1	-23.8004	216811.094	0.0000	0.9999
item*region2	go_stink, 2	1	-23.8004	216811.094	0.0000	0.9999
item*region2	go_stink, 3	1	1.7918	1.1491	2.4312	0.1189
item*region2	go_stink, 4	1	0.5281	1.2057	0.1918	0.6614
item*region2	go_stink, 5	1	0.9555	1.2950	0.5445	0.4606
item*region2	go_stink, 6	1	0.2624	1.2755	0.0423	0.8370
item*region2	go_stink, 7	1	1.3122	1.3114	1.0012	0.3170
item*region2	go_stink, 8	1	0.9555	1.5089	0.4010	0.5266
item*region2	go_stink, 9	1	-0.2683	1.4614	0.0337	0.8544
item*region2	go_stink, 10	1	-23.8004	167941.152	0.0000	0.9999
item*region2	go_stink, 11	0	0.0000	0.0000		•
item*region2	muck_up, 1	1	0.1823	1.3354	0.0186	0.8914
item*region2	muck_up, 2	1	-24.5736	216811.094	0.0000	0.9999
item*region2	muck_up, 3	1	1.0186	0.9094	1.2546	0.2627
item*region2	muck_up, 4	1	-0.2451	0.9799	0.0626	0.8025
item*region2	muck_up, 5	1	-0.6061	1.2939	0.2194	0.6395
item*region2	muck_up, 6	1	-1.2528	1.2771	0.9623	0.3266
item*region2	muck_up, 7	1	0.5390	1.1073	0.2369	0.6264

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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	item*region2	screw_up, 1	1	-24.5736	216811.094	0.0000	0.9999
item*region2screw_up, 41-0.24510.97990.06260.8025item*region2screw_up, 51-0.60611.29390.21940.6395item*region2screw_up, 61-1.25281.27710.96230.3266item*region2screw_up, 71-0.28771.30700.04840.8258item*region2screw_up, 81-24.5736216811.0940.00000.9999item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 910.53900.95120.32110.5709 <td>item*region2</td> <td>screw_up, 2</td> <td>1</td> <td>-24.5736</td> <td>216811.094</td> <td>0.0000</td> <td>0.9999</td>	item*region2	screw_up, 2	1	-24.5736	216811.094	0.0000	0.9999
item*region2screw_up, 51-0.60611.29390.21940.6395item*region2screw_up, 61-1.25281.27710.96230.3266item*region2screw_up, 71-0.28771.30700.04840.8258item*region2screw_up, 81-24.5736216811.0940.00000.9999item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1011.79180.99163.26480.0708 <td>item*region2</td> <td>screw_up, 3</td> <td>1</td> <td>0.4700</td> <td>0.9487</td> <td>0.2454</td> <td>0.6203</td>	item*region2	screw_up, 3	1	0.4700	0.9487	0.2454	0.6203
item*region2screw_up, 61-1.25281.27710.96230.3266item*region2screw_up, 71-0.28771.30700.04840.8258item*region2screw_up, 81-24.5736216811.0940.00000.9999item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000 <td>item*region2</td> <td>screw_up, 4</td> <td>1</td> <td>-0.2451</td> <td>0.9799</td> <td>0.0626</td> <td>0.8025</td>	item*region2	screw_up, 4	1	-0.2451	0.9799	0.0626	0.8025
item*region2screw_up, 71-0.28771.30700.04840.8258item*region2screw_up, 81-24.5736216811.0940.00000.9999item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 910.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 5	1	-0.6061	1.2939	0.2194	0.6395
item*region2screw_up, 81-24.5736216811.0940.00000.9999item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 910.53900.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 6	1	-1.2528	1.2771	0.9623	0.3266
item*region2screw_up, 91-1.04151.28150.66050.4164item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 7	1	-0.2877	1.3070	0.0484	0.8258
item*region2screw_up, 101-0.40551.30170.09700.7554item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 8	1	-24.5736	216811.094	0.0000	0.9999
item*region2screw_up, 1100.00000.0000item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 810.53900.95120.32110.5709item*region2stuff_up, 911.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 9	1	-1.0415	1.2815	0.6605	0.4164
item*region2stuff_up, 111.79181.11802.56830.1090item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 10	1	-0.4055	1.3017	0.0970	0.7554
item*region2stuff_up, 210.18231.33540.01860.8914item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 810.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	screw_up, 11	0	0.0000	0.0000		•
item*region2stuff_up, 311.01860.90941.25460.2627item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.0000	item*region2	stuff_up, 1	1	1.7918	1.1180	2.5683	0.1090
item*region2stuff_up, 410.79320.88250.80790.3687item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 2	1	0.1823	1.3354	0.0186	0.8914
item*region2stuff_up, 510.18231.08780.02810.8669item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 3	1	1.0186	0.9094	1.2546	0.2627
item*region2stuff_up, 610.56800.91770.38310.5360item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 4	1	0.7932	0.8825	0.8079	0.3687
item*region2stuff_up, 711.56861.01652.38120.1228item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 5	1	0.1823	1.0878	0.0281	0.8669
item*region2stuff_up, 810.18231.33540.01860.8914item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 6	1	0.5680	0.9177	0.3831	0.5360
item*region2stuff_up, 910.53900.95120.32110.5709item*region2stuff_up, 1011.79180.99163.26480.0708item*region2stuff_up, 1100.00000.0000	item*region2	stuff_up, 7	1	1.5686	1.0165	2.3812	0.1228
item*region2 stuff_up, 10 1 1.7918 0.9916 3.2648 0.0708 item*region2 stuff_up, 11 0 0.0000 0.0000 . .	item*region2	stuff_up, 8	1	0.1823	1.3354	0.0186	0.8914
item*region2 stuff_up, 11 0 0.0000 0.0000	item*region2	stuff_up, 9	1	0.5390	0.9512	0.3211	0.5709
	item*region2	stuff_up, 10	1	1.7918	0.9916	3.2648	0.0708
	item*region2	stuff_up, 11	0	0.0000	0.0000	•	•
scale 0 1.00 0.0000	scale	0	1.00	0.0000		•	

Poor performance by Island

Analysis Of GEE Parameter Estimates _ Empirical Standard Error Estimates

parameter		Estimate	Std Err	Lower	Upper	Ζ	Pr> Z
intercept	0.0000		•		•		
item	crappy	-3.3142	0.7198	-4.7251	-1.9033	-4.604	0.0000
item	go_stink	-2.3418	0.4682	-3.2595	-1.4241	-5.001	0.0000
item	muck_up	-1.3218	0.3249	-1.9585	-0.6850	-4.068	0.0000
item	screw_up	-2.3418	0.4682	-3.2595	-1.4241	-5.001	0.0000
item	stuff_up	-0.9410	0.2948	-1.5187	-0.3632	-3.192	0.0014
item*island	crappy, 1	1.3054	0.7882	-0.2395	2.8502	1.6561	0.0977
item*island	crappy, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	go_stink, 1	0.6114	0.5507	-0.4680	1.6909	1.1102	0.2669
item*island	go_stink, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	muck_up, 1	-0.4086	0.4355	-1.2622	0.4449	9384	0.3481
item*island	muck_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*island	screw_up, 1	0.1082	0.5850	-1.0384	1.2548	0.1850	0.8532
item*island	screw_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

item*island	stuff_up, 1	-0.1151	0.3782	-0.8564	0.6262	3042	0.7609
item*island	stuff_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000		•	•	•		

Poor performance by Catholic

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates

parameter		Est.	Std Err	Lower	Upper	Ζ	Pr> Z
intercept	0.0000		•			•	
item	crappy	-1.9459	0.7559	-3.4275	-0.4643	-2.574	0.0100
item	go_stink	-1.0986	0.5774	-2.2302	0.0330	-1.903	0.0571
item	muck_up	-1.0986	0.5774	-2.2302	0.0330	-1.903	0.0571
item	screw_up	-2.7081	1.0328	-4.7323	-0.6838	-2.622	0.0087
item	stuff_up	-0.5108	0.5164	-1.5229	0.5013	9892	0.3226
item*catholic	crappy, 1	-0.4437	0.8189	-2.0488	1.1614	5418	0.5880
item*catholic	crappy, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	go_stink,1	-1.0245	0.6429	-2.2845	0.2355	-1.594	0.1110
item*catholic	go_stink, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	muck_up, 1	-0.5017	0.6229	-1.7225	0.7191	8055	0.4206
item*catholic	muck_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	screw_up, 1	0.4138	1.0763	-1.6957	2.5233	0.3845	0.7006
item*catholic	screw_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*catholic	stuff_up, 1	-0.5375	0.5535	-1.6224	0.5474	9711	0.3315
item*catholic	stuff_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000						

Poor performance by Urban/Rural

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates

parameter		Est.	Std Err	Lower	Upper	Ζ	Pr> Z
intercept	0.0000	•	•	•	•	•	
item	crappy	-2.0053	0.4026	-2.7944	-1.2162	-4.981	0.0000
item	go_stink	-1.7148	0.3621	-2.4245	-1.0051	-4.736	0.0000
item	muck_up	-1.4733	0.3343	-2.1285	-0.8181	-4.407	0.0000
item	screw_up	-2.0053	0.4026	-2.7944	-1.2162	-4.981	0.0000
item	stuff_up	-0.9045	0.2875	-1.4679	-0.3410	-3.146	0.0017
item*urb_rur	crappy, 1	-0.5849	0.5842	-1.7299	0.5600	-1.001	0.3167
item*urb_rur	crappy, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	go_stink, 1	-0.3133	0.4942	-1.2820	0.6553	6340	0.5261
item*urb_rur	go_stink, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	muck_up, 1	-0.1643	0.4439	-1.0344	0.7058	3701	0.7113
item*urb_rur	muck_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	screw_up, 1	-0.4182	0.5636	-1.5228	0.6864	7421	0.4580
item*urb_rur	screw_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
item*urb_rur	stuff_up, 1	-0.1634	0.3791	-0.9064	0.5796	4310	0.6665
item*urb_rur	stuff_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
scale	1.0000		•			•	

Analysis Of GEE Parameter Estimates – Empirical Standard Error Estimates								
parameter		Est.	Std Err	Lower	Upper	Ζ	Pr> Z	
intercept	0.0000	•						
item	crappy	-2.6810	0.4623	-3.5871	-1.7750	-5.800	0.0000	
item	go_stink	-2.1691	0.3732	-2.9005	-1.4376	-5.812	0.0000	
item	muck_up	-1.6094	0.3038	-2.2049	-1.0140	-5.297	0.0000	
item	screw_up	-2.6810	0.4623	-3.5871	-1.7750	-5.800	0.0000	
item	stuff_up	-0.9985	0.2553	-1.4988	-0.4982	-3.912	0.0001	
item*region1	crappy, 1	0.8686	0.5993	-0.3059	2.0432	1.4495	0.1472	
item*region1	crappy, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
item*region1	go_stink, 1	0.4951	0.5208	-0.5257	1.5158	0.9506	0.3418	
item*region1	go_stink, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
item*region1	muck_up, 1	0.0619	0.4622	-0.8439	0.9677	0.1339	0.8935	
item*region1	muck_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
item*region1	screw_up, 1	0.7149	0.6136	-0.4878	1.9176	1.1650	0.2440	
item*region1	screw_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
item*region1	stuff_up, 1	0.1429	0.3860	-0.6137	0.8994	0.3701	0.7113	
item*region1	stuff_up, 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
scale	1.0000	•	•			•		