

Table 12.6a    Residuals After Removing Four-Way Interaction From Model

Cell Counts and Residuals <sup>a,b</sup>									
SEX	E_BULLIED	HOPELESS12	SUICIDE	Observed		Expected		Residual	zResidual
				N	%	N	%		
Female	0 No	0 No	0 No	3,262	24.3	3,267.473	24.3	-5.473	-0.110
			1 Yes	227	1.7	221.527	1.7	5.473	0.371
		1 Yes	0 No	1,090	8.1	1,084.527	8.1	5.473	0.173
			1 Yes	687	5.1	692.473	5.2	-5.473	-0.214
	1 Yes	0 No	0 No	428	3.2	422.527	3.1	5.473	0.271
			1 Yes	66	0.5	71.473	0.5	-5.473	-0.649
		1 Yes	0 No	315	2.3	320.473	2.4	-5.473	-0.309
			1 Yes	484	3.6	478.527	3.6	5.473	0.255
Male	0 No	0 No	0 No	4,901	36.5	4,895.527	36.5	5.473	0.098
			1 Yes	190	1.4	195.473	1.5	-5.473	-0.394
		1 Yes	0 No	794	5.9	799.473	6.0	-5.473	-0.200
			1 Yes	400	3.0	394.527	2.9	5.473	0.280
	1 Yes	0 No	0 No	253	1.9	258.473	1.9	-5.473	-0.344
			1 Yes	35	0.3	29.527	0.2	5.473	1.008
		1 Yes	0 No	129	1.0	123.527	0.9	5.473	0.495
			1 Yes	158	1.2	163.473	1.2	-5.473	-0.431

<sup>a</sup>Model: multinomial.

<sup>b</sup>Design: constant + SEX + E\_BULLIED + HOPELESS12 + SUICIDE + E\_BULLIED\*HOPELESS12 + SEX\*E\_BULLIED + E\_BULLIED\*SUICIDE + SEX\*HOPELESS12 + HOPELESS12\*SUICIDE + SEX\*E\_BULLIED\*HOPELESS12 + E\_BULLIED\*HOPELESS12\*SUICIDE + SEX\*E\_BULLIED\*SUICIDE + SEX\*HOPELESS12\*SUICIDE.