

**Table 12.6b**    Residuals After Removal of Nonsignificant Three-Way Interactions

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	3,267.207	24.3	-5.207	-0.105
			1 Yes	227	1.7	221.793	1.7	5.207	0.353
		1 Yes	0 No	1,090	8.1	1,092.302	8.1	-2.302	-0.073
			1 Yes	687	5.1	684.698	5.1	2.302	0.090
	1 Yes	0 No	0 No	428	3.2	422.793	3.2	5.207	0.257
			1 Yes	66	0.5	71.207	0.5	-5.207	-0.619
		1 Yes	0 No	315	2.3	312.698	2.3	2.302	0.132
			1 Yes	484	3.6	486.302	3.6	-2.302	-0.106
Male	0 No	0 No	0 No	4,901	36.5	4,892.357	36.5	8.643	0.155
			1 Yes	190	1.4	198.643	1.5	-8.643	-0.618
		1 Yes	0 No	794	5.9	795.134	5.9	-1.134	-0.041
			1 Yes	400	3.0	398.866	3.0	1.134	0.058
	1 Yes	0 No	0 No	253	1.9	261.643	1.9	-8.643	-0.540
			1 Yes	35	0.3	26.357	0.2	8.643	1.685
		1 Yes	0 No	129	1.0	127.866	1.0	1.134	0.101
			1 Yes	158	1.2	159.134	1.2	-1.134	-0.090

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

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