

Table 10.4a Summary of Curvilinear Interaction Model Before Data Cleaning
($N = 16,608$)

<i>Model</i>	$-2LL$	$\Delta-2LL$	p for $\Delta-2LL$
Intercept only	9,962.22	—	—
Step 1: zSES, zACH	8,059.12	1,903.115	< .0001
Step 2: zSES ² , zACH ² , zSES ³ , zACH ³	8,043.62	15.482	< .004
Step 3: zSES \times zACH	8,023.16	20.46	< .0001
Step 4: zSES ² \times zACH, zSES \times zACH ² , zSES ² \times zACH ²	8,020.11	3.05	Not significant
Step 5: all cubic interaction terms	8,016.27	3.85	Not significant

SOURCE: National Education Longitudinal Study of 1988 (NELS88) from the National Center for Education Statistics (<http://nces.ed.gov/surveys/nels88/>).