

Table 10.5a Composing All Cross-Products for a Curvilinear Interaction Equation
With a Categorical and Continuous Variable

| | X | X^2 | X^3 |
|------|------------------------|--------------------------|--------------------------|
| DUM1 | $X \times \text{DUM1}$ | $X^2 \times \text{DUM1}$ | $X^3 \times \text{DUM1}$ |
| DUM2 | $X \times \text{DUM2}$ | $X^2 \times \text{DUM2}$ | $X^3 \times \text{DUM2}$ |
| DUM3 | $X \times \text{DUM3}$ | $X^2 \times \text{DUM3}$ | $X^3 \times \text{DUM3}$ |