

Ref. B. Rosner, Fundamentals of Biostatistics, 2006.

**Table 11.9** Sample data for infant blood pressure, age, and birthweight for 16 infants

| $i$ | Birthweight<br>in oz ( $x_1$ ) | Age in<br>days ( $x_2$ ) | Systolic<br>blood<br>pressure<br>(mm Hg)<br>( $y$ ) |
|-----|--------------------------------|--------------------------|---|
| 1   | 135                            | 3                        | 89  |
| 2   | 120                            | 4                        | 90  |
| 3   | 100                            | 3                        | 83  |
| 4   | 105                            | 2                        | 77  |
| 5   | 130                            | 4                        | 92  |
| 6   | 125                            | 5                        | 98  |
| 7   | 125                            | 2                        | 82  |
| 8   | 105                            | 3                        | 85  |
| 9   | 120                            | 5                        | 96  |
| 10  | 90                             | 4                        | 95  |
| 11  | 120                            | 2                        | 80  |
| 12  | 95                             | 3                        | 79  |
| 13  | 120                            | 3                        | 86  |
| 14  | 150                            | 4                        | 97  |
| 15  | 160                            | 3                        | 92  |
| 16  | 125                            | 3                        | 88  |