

Figure 13.3. SIMPLE LINEAR REGRESSION: The Method of Least Squares**Section headings to provide a content overview**

1. The *Study Population* Regression of $\mathbf{Y}$ on $\mathbf{X}$
2. The *Model* Regression of $\mathbf{Y}$ on $\mathbf{X}$
3. The *Estimated* Regression of $\mathbf{Y}$ on $\mathbf{X}$
4. Finding the Estimated Regression of $\mathbf{Y}$ on $\mathbf{X}$
5. Correlation
6. Finding the Estimated Regression of $\mathbf{X}$ on $\mathbf{Y}$
7. The Regression Effect and the Regression Fallacy

One table

Ten diagrams

Thirty-nine equations