Figure 13.7. SIMPLE LINEAR REGRESSION: Estimating Model Parameters and Responses

Section headings to provide a content overview

1. The *Study Population* Regression of **Y** on **X**
2. The *Model* Regression of **Y** on **X**
3. The *Estimated* Regression of **Y** on **X**
4. Assessing Model Error
5. Estimating β_1, the Slope Parameter in the Model
6. Estimating $\mu_Y(\mathrm{x}_j)$, the *Mean* of Y in the Model
7. Estimating β_0, the **Y**-Intercept in the Model
8. Estimating $y(\mathrm{x}_j)$, the *Value* of Y in the Model
9. Summary

Three diagrams
Forty-six equations

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