Figure 17.7 Upper panel shows histograms of σ (left), μ (middle) and ρ (right) based on 10,000 samples from the posterior distribution using prior parameters $a = 0.9$ and $b = 0.3$. Posterior densities for the original model (17.1) are shown as dashed lines. Lower panel shows posterior mean (solid line) and 95% credibility intervals (dashed lines) for X_i, $i = 1, \cdots, n$. Observations (on log-scale) are shown as circles.