

TABLE 10.1 OLS regressions on six simulated samples with known measurement error

<i>Simulation</i>	<i>Standard deviation of measurement error, $SD(v_j)$</i>	<i>Variance of measurement error, $V(v_j)$</i>	<i>OLS estimate a of $\alpha = -20,000$</i>	<i>OLS estimate b of $\beta = 4,000$</i>
1	1.0	1.0	-14,312	3,564.5
2	1.5	2.25	-9,220.2	3,177.6
3	2.0	4.0	-2,987.7	2,694.7
4	2.5	6.25	1,220.2	2,365.0
5	3.0	9.0	7,071.0	1,926.4
6	3.5	12.25	10,749	1,633.4