Figure 7: Plot of  $\nu$  Vs  $x_o$  Effect of Noise on the fit For Model B  $\epsilon = 0, \text{modelB}$  $\epsilon = 0.0001, \text{modelB}$ 1.00  $\epsilon = 0.01, \text{modelB}$ 0.98 ≥ 0.96 0.94 0.92 0.90 2.5 5.0 7.5 10.0 12.5 15.0 17.5 0.0  $x_o$