$$z = 0.34930000$$
  
 $t_0 = 57286.67 \pm 0.61$   
 $x_0 = (1.8 \pm 1.1) \times 10^3$ 

$$x_1 = -1.98 \pm 0.60$$
  
 $c = -13.98 \pm 0.37$ 

