$$z = 0.13441100$$

 $t_0 = 53973.4804 \pm 0.0011$
 $x_0 = (2.90 \pm 0.19) \times 10^{-5}$

$$x_1 = -2.14 \pm 0.44$$

 $c = 0.42 \pm 0.45$

