$$z = 0.13800000$$

 $t_0 = 53651.91 \pm 0.73$
 $x_0 = (3.7 \pm 2.3) \times 10^{-5}$

$$x_1 = -0.81 \pm 0.64$$

 $c = (-7 \pm 395) \times 10^{-3}$

