$$z = 0.30700000$$

 $t_0 = 53980.12 \pm 0.78$
 $x_0 = (1.187 \pm 0.098) \times 10^{-5}$

$$x_1 = -2.00 \pm 0.82$$

 $c = (-5 \pm 62) \times 10^{-3}$

