$$z = 0.13066700$$

 $t_0 = 54444.75 \pm 0.35$
 $x_0 = (-8.3 \pm 3.5) \times 10^{-3}$

 $x_1 = -1.0867 \pm 0.0068$ $c = 2.30 \pm 0.98$

