$$z = 0.058596000$$

 $t_0 = 54063.47 \pm 0.10$
 $x_0 = (3.035 \pm 0.022) \times 10^{-4}$

$$x_1 = -1.70 \pm 0.10$$

 $c = -0.1025 \pm 0.0095$

