$$z = 0.52390000$$

 $t_0 = 56914.00824 \pm 0.00089$
 $x_0 = (4.1 \pm 1.8) \times 10^{-3}$

$$x_1 = 2.3 \pm 1.8$$

 $c = -4.95 \pm 0.41$

