$$z = 0.53940000$$

 $t_0 = 57270.8 \pm 1.2$
 $x_0 = (8.8 \pm 1.2) \times 10^{-6}$

$$x_1 = -0.46 \pm 0.72$$

 $c = (-3 \pm 125) \times 10^{-3}$

