$$z = 0.15629100$$

 $t_0 = 53671.33 \pm 0.13$
 $x_0 = (6.796 \pm 0.057) \times 10^{-5}$

$$x_1 = 2.12 \pm 0.17$$

 $c = -0.0381 \pm 0.0086$

