$$z = 0.58496200$$

 $t_0 = 53958.0690 \pm 0.0037$
 $x_0 = (1.476 \pm 0.039) \times 10^{-5}$

$$x_1 = -0.233 \pm 0.042$$

 $c = -0.4933 \pm 0.0049$

