$$z = -9.3000000 \times 10^{-5}$$

 $t_0 = 53690.85 \pm 0.53$
 $x_0 = (1.60 \pm 0.48) \times 10^{-5}$

$$x_1 = -10.1 \pm 1.3$$

 $c = 0.48 \pm 0.63$

