$z = 0.12588300$
$t_0 = 54002.98 \pm 0.13$
$x_0 = (7.98 \pm 0.32) \times 10^{-5}$

$x_1 = -0.09 \pm 0.18$
$c = (-5 \pm 33) \times 10^{-3}$