$z = 0.30953400$
$t_0 = 54043.78 \pm 0.61$
$x_0 = (1.101 \pm 0.071) \times 10^{-5}$

$x_1 = -1.34 \pm 0.63$
$c = (5 \pm 60) \times 10^{-3}$