$z = 0.39354400$
$t_0 = 53648.71 \pm 0.57$
$x_0 = (7.11 \pm 0.42) \times 10^{-6}$

$x_1 = -0.18 \pm 0.63$
$c = (-5 \pm 43) \times 10^{-3}$