$z = 0.12459700$
$t_0 = 54049.36 \pm 0.12$
$x_0 = (8.58 \pm 0.14) \times 10^{-5}$

$x_1 = -0.34 \pm 0.13$
$c = (-7 \pm 36) \times 10^{-3}$