$z = 0.058596000$
$t_0 = 54064.44 \pm 0.43$
$x_0 = (3.19 \pm 0.17) \times 10^{-4}$

$x_1 = -0.96 \pm 0.48$
$c = (-10 \pm 49) \times 10^{-3}$