$z = 0.29600000$
$t_0 = 53632.83 \pm 0.48$
$x_0 = (1.093 \pm 0.061) \times 10^{-5}$

$x_1 = -0.72 \pm 0.63$
$c = (-9 \pm 44) \times 10^{-3}$