$z = 0.22600000$
$t_0 = 54404.61 \pm 0.42$
$x_0 = (2.093 \pm 0.087) \times 10^{-5}$

$x_1 = (-7 \pm 466) \times 10^{-3}$
$c = -0.066 \pm 0.034$