$z = 0.48669500$
$t_0 = 54411.2 \pm 1.6$
$x_0 = (4.59 \pm 0.36) \times 10^{-6}$

$x_1 = -1.7 \pm 1.4$
$c = (-9 \pm 109) \times 10^{-3}$