$z = 0.43486400$
$t_0 = 54008.85 \pm 0.88$
$x_0 = (6.16 \pm 0.37) \times 10^{-6}$

$x_1 = 1.46 \pm 0.81$
$c = (10 \pm 56) \times 10^{-3}$