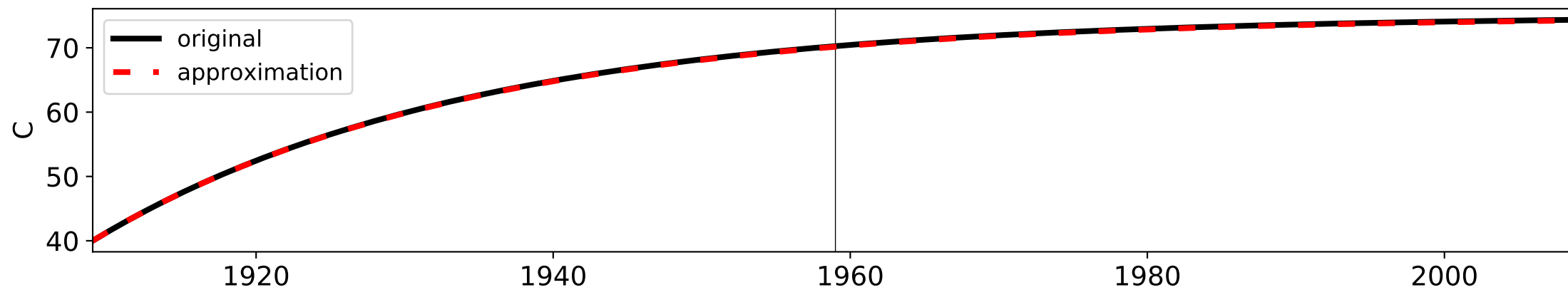$n = 3$ data points

$n = 6$ data points