	Roth account	Traditional account*
Table 2:	**After-Tax Accumulation (ATA) Models**	
Actual ATA (uncertain)	$C_0(1-t_0)V_n$	$C_0(1-t_n)V_n$
Mean of ATA	$C_0(1-t_0)\mu_{Vn}$	$C_0(1-\mu_{tn})\mu_{Vn}$
Variance of ATA	$C_0^2(1-t_0)^2\sigma_{Vn}^2$	$C_0^2(1-\mu_{tn})^2\sigma_{Vn}^2 + C_0^2\sigma_{tn}^2(\sigma_{Vn}^2+\mu_{Vn}^2)$

* The mean and variance for a traditional account's ATA are based on V_n and t_n that are uncorrelated.