Model II: SOH-Based Aging Modulation
$$\tilde{R}_i = R_i \cdot (1 + \alpha_i(1 - \text{SOH}))$$

EOL Region

Capacity Factor
Resistance Factor
State of Health (%)

$\tilde{Q}/Q_{\text{nom}}$ (Capacity)
$\tilde{R}_0/R_0$ ($\alpha = 0.5$)
$\tilde{R}_1/R_1$ ($\alpha = 0.4$)
$\tilde{R}_2/R_2$ ($\alpha = 0.6$)