Results:

$\alpha_{\text{overall}} = -2.9452$  P-value <.0001

$\alpha_{\text{ER-,PR-,HER2-}} = -1.6688$  P-value =.0109

$\beta_{\text{tumor size}} = 0.3077$  P-value <.0001

$\beta_{\text{interaction slope}} = 0.1857$  P-value =.1085

$\ln(\text{tot_node})$  Offset

Prediction is made at the overall median total node examined (i.e. 12).