

**Supplement Table 2.** Akaike Information Criterion<sup>a</sup> values for crude and adjusted complementary log-log regression models<sup>b</sup> among men and women.

	Crude	Adjusted
Male, n=6,109		
Study entry VACS Index	14638	14620
Time-updated VACS Index	<b>14230</b>	<b>14229</b>
Cumulative VACS Index	14753	14706
Female, n=1,180		
Study entry VACS Index	3693	3670
Time-updated VACS Index	<b>3596</b>	<b>3589</b>
Cumulative VACS Index	3705	3674

<sup>a</sup>AIC =  $-2(\log\text{-likelihood}) + 2K$ , K is the number of model parameters (the number of variables in the model plus the intercept). Log-likelihood is a measure of model fit. The lower the AIC value, the better the fit.

<sup>b</sup>Adjusted covariates include race/ethnicity, smoking, HIV acquisition risk factor, depression, and calendar year.