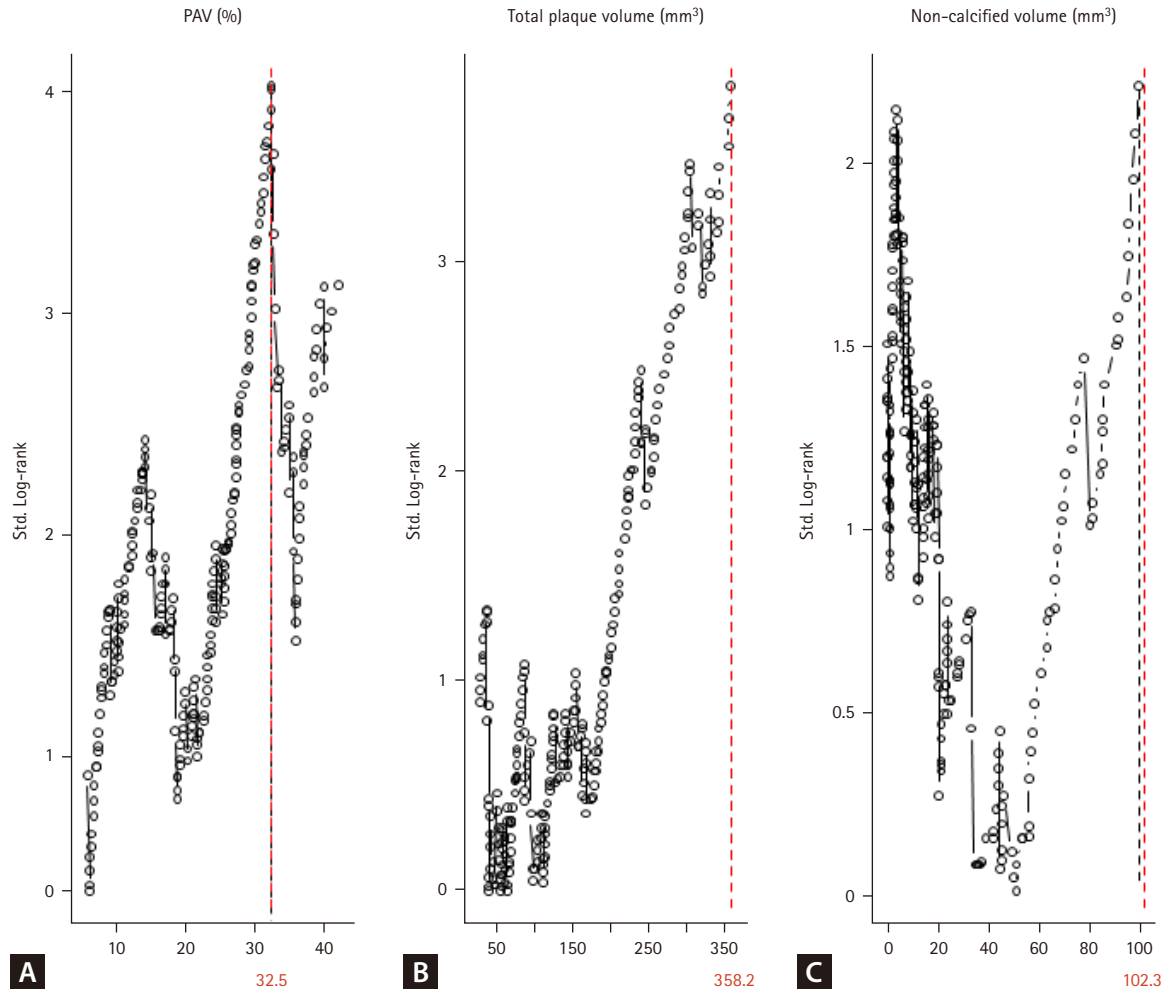




Supplementary Figure 1. Determination of optimal cut-off values for quantitative plaque parameters. Maximally selected log-rank statistics were used to identify the optimal cut-off values for quantitative HRVC predicting TVF. The plots illustrate the standardized log-rank statistics for (A) PAV, (B) TPV, and (C) NCPV across varying cut-points. The vertical dashed lines indicate the optimal cut-off points corresponding to the maximum test statistic. HRVC, high-risk vessel characteristics; TVF, target vessel failure; PAV, percent atheroma volume; TPV, total plaque volume; NCPV, non-calcified plaque volume.