**Supplementary Material 4.** ROC Analysis of Attenuation Changes on NCCT and CTA for Classification of Ischemic Core $\geq 70$ mL by Different Time Windows

| Time from Onset to CT, wHU-ASPECTS based on NCCT or CTA | AUC, AUC of bootstrap analysis | Youden Index | Cut-off | Sensitivity (%) | Specificity (%) |
|---|---|---|---|---|---|
| $\leq 4.5$ hours (n = 39) |  |  |  |  |  |
| wHU-ASPECTS on NCCT | 0.852 (0.702–0.945), 0.827 (0.648–0.938) | 0.615 | $>-0.877$ | 76.92 | 84.62 |
| wHU-ASPECTS on CTA | 0.873 (0.727–0.958), 0.845 (0.687–0.943) | 0.654 | $>-0.772$ | 76.92 | 88.46 |
| $> 4.5$ hours (n = 34) |  |  |  |  |  |
| wHU-ASPECTS on NCCT | 0.844 (0.679–0.945), 0.833 (0.656–0.946) | 0.689 | $>-0.874$ | 88.89 | 80 |
| wHU-ASPECTS on CTA | 0.802 (0.63–0.918), 0.787 (0.556–0.922) | 0.507 | $>-0.776$ | 66.67 | 84 |

wHU-ASPECTS indicates sum of the products of regional relative HU values times corresponding weighting factors; AUC, area under the curve