



Figure S1 Display and measurement of CTA plaque features. (A) Calcified plaque of the internal carotid artery and plaque length measurement. (B) Plaque ulceration (arrow). (C) Total plaque thickness and soft plaque thickness (on the same level, both values are equal). (D) Calcified plaque thickness at a different level from C. (E and F) Plaque enhancement (image before and after contrast injection). CTA, computed tomography angiography.

Table S1 Radiomics features

Plaque radiomics features

Wavelet-LHL-GLCM-Joint Entropy

Wavelet-HLL-GLCM-Joint Energy

Wavelet-LLL-GLCM-MCC

PVAT radiomics features

Original-GLSZM-Size Zone Non-Uniformity

Wavelet-LHH-GLSZM-Small Area Emphasis

Wavelet-LHH-GLDM-Dependence Variance

Wavelet-LLL-GLCM-Sum Squares

GLCM, gray-level co-occurrence matrix; GLSZM, gray-level size-zone matrix; GLDM, gray-level dependence matrix; LHL, HLL, LHH, band-pass and sub-bands of the tumor region; LLL, low frequency sub-bands in the wavelet domain; MCC, Maximal Correlation Coefficient.