

Supplementary Table 1. EVT-eligibility criteria for different imaging modalities

Imaging modality	EVT eligibility criteria (all have to apply)
mCTA	<p>Presence of a large vessel occlusion in the anterior circulation (internal carotid artery, M1 or proximal M2 middle cerebral artery occlusion)</p> <p>Good or intermediate collaterals (defined as >25% filling of the middle cerebral artery territory)</p>
Single phase CTA+CTP Ischemic core thresholds: rCBF <30% aCBF <7 mL/100 g/min CBV <2 mL/100 g Penumbra threshold: Tmax >6 seconds	<p>Presence of a large vessel occlusion in the anterior circulation (internal carotid artery, M1 or proximal M2 middle cerebral artery occlusion)</p> <p>Ischemic core volume <70 mL</p> <p>Mismatch ratio >1.8</p> <p>Absolute mismatch >15 mL</p>

EVT, endovascular treatment; mCTA, multi-phase computed tomography angiography; CTA, computed tomography angiography; CTP, computed tomography perfusion; rCBF, relative cerebral blood flow; aCBF, absolute cerebral blood flow; CBV, cerebral blood volume.

Supplementary Table 2. Detailed location of intracranial vessel occlusion sites (n=464)

Variable	No. (%)
Anterior circulation	
Internal carotid artery	58 (12.5)
M1 segment	186 (40.1)
Proximal M2 segment	45 (9.7)
Distal M2 segment	37 (8.0)
M3 segment	38 (8.2)
M4 segment	19 (4.1)
A2 segment	4 (0.9)
A3 segment	2 (0.4)
A4 segment	3 (0.7)
Posterior circulation	
Vertebral artery	4 (0.9)
Basilar artery	4 (0.9)
P1 segment	2 (0.4)
P2 segment	12 (2.6)
Superior cerebellar artery	1 (0.2)
No occlusion seen	49 (10.6)