

SUPPLEMENTAL MATERIAL

Online Supplement Table 1: ROC Analysis at the Operating Point for Pooled Voxel-Based Thresholded CTP Parameter Map Assessment of Infarct Core

Software	Parameter	All				Gray matter				White matter				Basal ganglia			
		AUC	T	SN	SP	AUC	T	SN	SP	AUC	T	SN	SP	AUC	T	SN	SP
A-std	CBV	0.81	0.9	0.68	0.83	0.83	1.1	0.72	0.84	0.78	0.8	0.66	0.80	0.80	1.2	0.70	0.84
	rCBV	0.83	51%	0.68	0.85	0.84	64%	0.73	0.85	0.80	43%	0.63	0.85	0.81	60%	0.67	0.91
	CBF	0.88	4.7	0.80	0.81	0.90	4.9	0.83	0.84	0.85	4.1	0.78	0.78	0.83	7.1	0.68	0.88
	rCBF	0.88	16%	0.80	0.83	0.90	18%	0.83	0.85	0.86	14%	0.78	0.80	0.84	33%	0.70	0.89
	MTT	0.82	15	0.73	0.77	0.85	17.3	0.76	0.80	0.80	15	0.70	0.75	0.78	9.3	0.59	0.85
	rMTT	0.82	272%	0.76	0.74	0.85	348%	0.75	0.82	0.80	265%	0.74	0.71	0.79	165%	0.62	0.83
	CBV*CBF	0.87	4.8	0.78	0.82	0.89	5.7	0.80	0.85	0.85	4.0	0.77	0.78	0.82	7.2	0.68	0.89
	rCBV*rCBF	0.88	7%	0.78	0.84	0.89	10%	0.82	0.85	0.85	5%	0.76	0.82	0.83	13%	0.68	0.92
A-dc	CBV	0.76	1.1	0.62	0.78	0.79	1.3	0.66	0.80	0.71	1.0	0.61	0.72	0.72	1.2	0.57	0.82
	rCBV	0.77	60%	0.62	0.79	0.79	76%	0.69	0.79	0.71	52%	0.58	0.74	0.75	64%	0.59	0.82
	CBF	0.85	5.4	0.75	0.82	0.87	6.1	0.77	0.84	0.83	4.4	0.71	0.81	0.79	5.7	0.59	0.88
	rCBF	0.85	28%	0.74	0.84	0.88	32%	0.75	0.86	0.83	24%	0.72	0.81	0.80	46%	0.69	0.82
	MTT	0.74	18.7	0.59	0.80	0.76	19.8	0.60	0.83	0.73	17.0	0.63	0.75	0.71	12.9	0.58	0.75
	rMTT	0.75	207%	0.62	0.80	0.76	217%	0.62	0.82	0.74	207%	0.61	0.77	0.70	158%	0.51	0.82
	CBV*CBF	0.83	6.8	0.73	0.81	0.86	9.2	0.75	0.83	0.80	4.6	0.68	0.80	0.77	8.4	0.62	0.85
	rCBV*rCBF	0.85	14%	0.72	0.83	0.87	21%	0.76	0.85	0.82	10%	0.70	0.81	0.79	18%	0.63	0.88
B-std	CBV	0.74	1.3	0.71	0.72	0.74	1.5	0.74	0.71	0.74	1.1	0.66	0.74	0.81	1.5	0.72	0.84
	rCBV	0.75	51%	0.71	0.73	0.74	59%	0.74	0.72	0.74	43%	0.67	0.74	0.79	62%	0.69	0.83
	CBF	0.77	10.0	0.76	0.73	0.77	11.8	0.81	0.70	0.76	8.7	0.71	0.75	0.83	13.6	0.72	0.86
	rCBF	0.78	32%	0.77	0.73	0.78	36%	0.82	0.71	0.77	27%	0.73	0.75	0.81	45%	0.70	0.87
	MTT	0.67	10.0	0.70	0.67	0.69	10.0	0.77	0.64	0.65	10.0	0.66	0.68	0.72	9.3	0.53	0.88
	rMTT	0.65	147%	0.72	0.60	0.66	138%	0.83	0.52	0.65	147%	0.69	0.61	0.70	124%	0.56	0.79
	CBV*CBF	0.77	15.9	0.75	0.72	0.77	22.2	0.79	0.69	0.76	12.1	0.71	0.74	0.83	21.4	0.73	0.86
	rCBV*rCBF	0.78	14%	0.76	0.72	0.78	19%	0.80	0.71	0.77	10%	0.72	0.74	0.81	24%	0.72	0.84

AUC: Area Under the ROC Curve; T: Threshold; SN: Sensitivity; SP: Specificity; r: relative.