

On-line Table 1: Spearman correlation coefficients for mismatch, collateralization, TIMI, TTR, and age with infarct growth and mRS score for all patients and the Penumbra subgroup^a

CT/DSA/Clinical Parameter	Tissue/Clinical Outcome	Whole Group		Penumbra Group	
		Spearman	P	Spearman	P
Mismatch	Infarct growth	-0.476 ^b	.007 ^b	-0.511 ^b	.018 ^b
	mRS	0.091	n.s.	-0.203	n.s.
	% mis-loss	0.309	n.s.	-0.438 ^b	.04 ^b
Collateralization	Infarct growth	0.299	n.s.	-0.456 ^b	.033 ^b
	mRS	0.069	n.s.	-0.522 ^b	.018 ^b
	% mis-loss	0.394	n.s.	0.248	n.s.
TIMI score	Infarct growth	-0.015	n.s.	0.091	n.s.
	mRS	-0.544 ^b	.002 ^b	0.045	n.s.
	% mis-loss	-0.422 ^b	.018 ^b	-0.316	n.s.
TTR	Infarct growth	0.12	n.s.	-0.111	n.s.
	mRS	0.21	n.s.	0.3	n.s.
	% mis-loss	0.206	n.s.	0.262	n.s.
Age	Infarct growth	-0.138	n.s.	-0.213	n.s.
	mRS	0.439 ^b	.038 ^b	0.247	n.s.
	% mis-loss	-0.189	n.s.	-0.366	n.s.

Note:—% mis-loss, percent mismatch lost; n.s., not significant.

^a Spearman correlations.

^b $P < 0.05$.

On-line Table 2: Multivariate analysis with main effects and interactions for mismatch and recanalization success (TIMI score) and collateralization for tissue outcome and mRS score^a

CT/DSA/Clinical Parameter	Tissue/Clinical Outcome	Whole Group		Penumbra Group	
		F Value	Significance	F Value	Significance
Mismatch	Infarct growth	11.6 ^b	.002 ^b	86 ^b	.005 ^b
	mRS	1.1	n.s.	0.3	n.s.
	% mis-loss	80.7 ^b	<.001 ^b	18.3 ^b	.008 ^b
TIMI	Infarct growth	6.9 ^b	.020 ^b	0.4	n.s.
	mRS	1.5	n.s.	2.8	n.s.
	% mis-loss	135.4 ^b	<.001 ^b	6.1	0.4
TTR	Infarct growth	9.9 ^b	.002 ^b	30.6 ^b	.002 ^b
	mRS	1.5	n.s.	1.5	n.s.
	% mis-loss	2.3	n.s.	1.8	n.s.
Collateralization	Infarct growth	3.5 ^b	.036 ^b	1.5	n.s.
	mRS	0.4	n.s.	0.5	n.s.
	% mis-loss	1.3	n.s.	0.2	n.s.
TTR vs TIMI	Infarct growth	4.1 ^b	.038 ^b	4.1	n.s.
	mRS	0.9	n.s.	4.1 ^b	.042 ^b
	% mis-loss	6.9	n.s.	4.6	n.s.
Mismatch vs TIMI	Infarct growth	7.1 ^b	0.01	6.9 ^b	.009 ^b
	mRS	0.8	n.s.	1.0	n.s.
	% mis-loss	124.9 ^b	<.001 ^b	0.0	n.s.

Note:—% mis-loss, percent mismatch lost; n.s., not significant.

^a Multivariate analysis.

^b $P < 0.05$.