

**Supplementary Table 1.** Results of the meta-regression analysis

Outcome	Coefficient	SE	Z	P	95% CI	R <sup>2</sup> (%)	I <sup>2</sup> (%)
<b>mRS 0 to 2</b>							
Mean age (years)	0.0155	0.0071	2.18	0.043	0.0009 to 0.0301	55.85	31.29
Mean NIHSS score	0.0135	0.0103	1.31	0.189	-0.0006 to 0.0337	0.00	0.00
Time from stroke onset (minutes)	0.0004	0.0008	0.46	0.648	-0.0013 to 0.0021	0.00	8.00
Male gender (%)	-0.5482	0.2511	-2.18	0.054	-1.0664 to -0.0301	61.88	24.84
DM (%)	-1.1221	0.4951	-2.27	0.038	-2.1716 to -0.0726	100.00	0.00
HTN (%)	-0.1021	0.3784	-0.27	0.749	-0.9044 to 0.7001	6.10	54.35
HLD (%)	0.8591	0.4562	1.88	0.058	-0.2198 to 1.9379	0.00	0.02
LVO (%)	0.7002	0.3611	1.94	0.053	-0.0077 to 1.4081	99.98	0.00
Antiplatelet (%)	0.4621	0.2704	1.71	0.087	-0.0679 to 0.9922	99.98	0.00
Anticoagulant (%)	-1.1165	0.7044	-1.58	0.113	-2.4973 to 0.2641	99.97	0.00
<b>mRS 0 to 1</b>							
Mean age (years)	0.0067	0.0102	0.65	0.574	-0.0145 to 0.0278	7.49	19.41
Mean NIHSS score	0.0040	0.0089	0.45	0.650	-0.0135 to 0.0216	62.68	0.00
Time from stroke onset (minutes)	0.0028	0.0016	1.70	0.089	-0.0043 to 0.0061	0.00	46.07
Male gender (%)	-0.4380	0.1441	-3.04	0.070	-0.7360 to -0.1400	100.00	0.00
DM (%)	0.2913	0.4328	0.67	0.466	-0.6219 to 1.2045	54.74	0.00
HTN (%)	-0.0053	0.1693	-0.03	0.973	-0.3625 to 0.3518	0.00	0.02
HLD (%)	-0.2444	0.3236	-0.76	0.453	-0.9434 to 0.4546	29.36	0.01
LVO (%)	-1.6247	1.6767	-0.97	0.333	-4.9110 to 1.6616	0.00	47.87
Antiplatelet (%)	0.0011	0.3619	0.03	0.974	-0.6974 to 0.7213	0.00	0.00
Anticoagulant (%)	0.5236	1.0640	0.49	0.623	-1.5617 to 2.6091	2.62	0.00
<b>Complete recanalization</b>							
Mean age (years)	0.0618	0.0249	2.48	0.014	0.0089 to 0.1146	42.27	65.04
Mean NIHSS score	0.0885	0.0489	1.81	0.070	-0.0073 to 0.1844	8.62	80.89
Time from stroke onset (minutes)	-0.0037	0.0048	-0.79	0.432	-0.0132 to 0.0056	0.00	82.47
Male gender (%)	-1.7773	1.3069	-1.36	0.175	-4.5477 to 0.9931	28.09	70.89
DM (%)	-2.7522	2.6086	-1.06	0.297	-8.5645 to 3.0601	34.54	63.11
HTN (%)	-0.1445	1.1485	-0.13	0.889	-2.6724 to 2.3834	2.03	71.98
HLD (%)	0.2783	1.3743	0.20	0.852	-3.5375 to 4.0941	64.70	0.00
LVO (%)	-0.4404	1.7899	-0.25	0.806	-3.9487 to 3.0678	0.00	51.74
Antiplatelet (%)	6.3361	3.030	2.09	0.037	0.3963 to 12.276	100.00	0.00
Anticoagulant (%)	-7.1152	4.6462	-1.53	0.126	-16.2217 to 1.9913	51.73	57.06
<b>Mortality</b>							
Mean age (years)	0.0199	0.0175	1.13	0.259	-0.0157 to 0.0554	0.00	52.56
Mean NIHSS score	0.0030	0.0351	0.09	0.932	-0.0659 to 0.0719	0.00	50.94
Time from stroke onset (minutes)	-0.0017	0.0024	-0.72	0.472	-0.0065 to 0.0030	0.00	64.68
Male gender (%)	-0.3390	0.7684	-0.44	0.657	-1.8974 to 1.2194	5.13	48.71
DM (%)	-0.1292	1.0489	-0.12	0.914	-2.2815 to 2.0230	0.00	45.29
HTN (%)	-0.2962	0.3762	-0.79	0.451	-1.0680 to 0.4756	5.35	44.11
HLD (%)	-0.1516	0.3473	-0.44	0.495	-0.8878 to 0.5846	0.00	0.00
LVO (%)	1.0986	1.2837	0.86	0.392	-1.4174 to 3.6147	0.00	51.20
Antiplatelet (%)	-0.7968	1.3548	-0.59	0.556	-3.4523 to 1.8587	0.00	50.77
Anticoagulant (%)	-0.5830	1.6574	-0.35	0.725	-3.8315 to 2.6654	0.00	57.25

Supplementary Table 1. Continued

Outcome	Coefficient	SE	Z	P	95% CI	R <sup>2</sup> (%)	I <sup>2</sup> (%)
sICH							
Mean age (years)	0.0232	0.0279	0.83	0.508	-0.0332 to 0.0796	0.00	19.83
Mean NIHSS score	0.0527	0.0401	1.31	0.189	-0.0259 to 0.1315	73.41	0.00
Time from stroke onset (minutes)	-0.0013	0.0037	-0.37	0.714	-0.0086 to 0.0059	0.00	22.29
Male gender (%)	2.1311	0.6776	3.15	0.054	0.7581 to 3.5041	100.00	0.00
DM (%)	-1.5507	1.4407	-1.08	0.272	-4.5067 to 1.4053	0.00	0.00
HTN (%)	-0.6575	0.7233	-0.91	0.373	-2.1416 to 0.8265	0.00	0.00
HLD (%)	0.6679	1.1402	0.59	0.450	-1.7776 to 3.1134	0.00	0.00
LVO (%)	-1.6335	1.6038	-1.02	0.308	-4.7700 to 1.5098	68.54	0.00
Antiplatelet (%)	-1.4394	1.3573	-1.06	0.289	-4.0998 to 1.2209	0.00	0.00
Anticoagulant (%)	-1.4227	2.1581	-0.66	0.510	-5.6526 to 2.8071	0.00	2.16
Early neurological improvement							
Mean age (years)	0.0331	0.0178	1.87	0.086	-0.0045 to 0.0708	21.51	69.04
Mean NIHSS score	0.0445	0.0307	1.45	0.147	-0.0157 to 0.1048	0.00	80.91
Time from stroke onset (minutes)	0.0068	0.0039	0.17	0.862	-0.0069 to 0.0083	0.00	85.91
Male gender (%)	-1.2536	0.9532	-1.32	0.198	-3.2743 to 0.7670	18.00	68.78
DM (%)	-1.2476	1.2386	-1.01	0.349	-3.9463 to 1.4511	2.21	53.08
HTN (%)	-0.0146	0.5206	-0.03	0.968	-1.1489 to 1.1196	0.53	54.89
HLD (%)	0.2136	0.6507	0.33	0.730	-1.2363 to 1.6634	0.00	70.59
LVO (%)	-2.3089	1.0609	-2.18	0.030	-4.3883 to -0.2294	100.00	0.00
Antiplatelet (%)	1.2298	1.2864	0.96	0.339	-1.2916 to 3.7513	0.00	54.37
Anticoagulant (%)	-2.038	2.0431	-1.00	0.318	-6.0432 to 1.9655	0.00	68.70
Any ICH							
Mean age (years)	-0.0008	0.0140	-0.05	0.950	-0.0297 to 0.0282	64.44	0.00
Mean NIHSS score	0.0713	0.0384	1.86	0.064	-0.0040 to 0.1467	0.00	30.75
Time from stroke onset (minutes)	-0.0010	0.0020	-0.52	0.607	-0.0051 to 0.0029	0.00	40.81
Male gender (%)	-0.0402	0.7971	-0.05	0.951	-1.6818 to 1.6015	60.52	0.00
DM (%)	-1.2208	1.0867	-1.12	0.326	-3.4876 to 1.0460	0.00	23.26
HTN (%)	-0.4495	0.3904	-1.15	0.287	-1.2613 to 0.3624	99.98	0.00
HLD (%)	0.6322	0.9528	0.66	0.553	-1.4649 to 2.7293	100.00	0.00
LVO (%)	-0.5549	1.0054	-0.06	0.956	-2.0261 to 1.9150	0.00	37.31
Antiplatelet (%)	1.5337	2.9369	0.52	0.605	-4.2751 to 7.3423	0.00	34.67
Anticoagulant (%)	-4.9476	2.6007	-1.90	0.057	-10.045 to 0.1497	73.83	11.53

SE, standard error; CI, confidence interval; mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale; DM, diabetes mellitus; HTN, hypertension; HLD, hyperlipidemia; LVO, large vessel occlusion; sICH, symptomatic intracranial hemorrhage; ICH, intracranial hemorrhage; NA, not applicable.