

**Supplementary Table 5.** Clinical profiles of subgroups divided by recanalization modalities

Variables	Combined IV-endovascular			Endovascular only			IV only		
	No statins (n=124)	Early statins (n=171)	<i>P</i>	No statins (n=88)	Early statins (n=194)	<i>P</i>	No statins (n=71)	Early statins (n=209)	<i>P</i>
<b>Demographic information</b>									
Age	70.6±12.6	68.8±12.4	0.22	69.5±11.9	69.0±11.5	0.71	71.2±14.4	66.4±13.1	0.02
Male sex	60 (48.4)	111 (64.9)	<0.01	49 (55.7)	114 (58.8)	0.63	35 (49.3)	125 (59.8)	0.12
Premorbid mRS score=0	106 (85.5)	149 (87.1)	0.68	65 (73.9)	169 (87.1)	0.01	55 (77.5)	191 (91.4)	<0.01
Admission year, 2011–2015	69 (55.6)	135 (78.9)	<0.01	51 (58.0)	157 (80.9)	<0.01	38 (53.5)	142 (67.9)	0.03
<b>Stroke information</b>									
NIHSS score at arrival	16 (12–20)	15 (10–20)	0.16	16 (10–21)	12 (6–18)	0.01	10 (5.5–17)	8 (5–12)	0.04
Onset to treatment delay (hour)	2.0 (1.4–2.9)	1.9 (1.3–2.9)	0.23	7.0 (4.6–11.6)	10.0 (6.2–14.7)	0.51	2.7 (1.8–3.2)	2.1 (1.5–3.2)	0.57
Recanalization treatment	-			-			-		
Intravenous thrombolysis alone	0 (0)	0 (0)		0 (0)	0 (0)		71 (100)	209 (100)	
Endovascular therapy alone	0 (0)	0 (0)		88 (100)	194 (100)		0 (0)	0 (0)	
Combined	124 (100)	171 (100)		0 (0)	0 (0)		0 (0)	0 (0)	
NIHSS score after treatment	14 (6–20)	10 (5–16)	<0.01	17 (9–21)	10.5 (5–16)	<0.01	9 (4–17)	5 (4–11)	<0.01
Stroke mechanism	<0.01			0.01			<0.01		
Large artery atherosclerosis	14 (11.3)	41 (24.0)		17 (19.3)	73 (37.6)		13 (18.3)	69 (33.0)	
Small vessel occlusion	0 (0)	0 (0)		0 (0)	0 (0)		1 (1.4)	32 (15.3)	
Cardioembolism	91 (73.4)	94 (55.0)		45 (51.1)	79 (40.7)		36 (50.7)	68 (32.5)	
Other determined cause	6 (4.8)	5 (2.9)		9 (10.2)	33 (17.0)		4 (5.6)	8 (3.8)	
Undetermined cause	13 (10.5)	31 (18.1)		17 (19.3)	33 (17.0)		17 (23.9)	32 (15.3)	
<b>Vascular risk factors</b>									
Hypertension	75 (60.5)	129 (75.4)	0.01	53 (60.2)	142 (73.2)	0.03	46 (64.8)	134 (64.1)	0.92
Diabetes	33 (26.6)	49 (28.7)	0.7	15 (17.0)	59 (30.4)	0.02	22 (31.0)	54 (25.8)	0.40
Hyperlipidemia	21 (16.9)	58 (33.9)	<0.01	13 (14.8)	58 (29.9)	0.01	11 (15.5)	65 (31.1)	0.01
Atrial fibrillation	82 (66.1)	85 (49.7)	<0.01	41 (46.6)	69 (35.6)	0.08	35 (49.3)	51 (24.4)	<0.01
Regular smoking	31 (25.0)	68 (39.8)	0.01	31 (35.2)	88 (45.4)	0.11	20 (28.2)	89 (42.6)	0.03
Pre-stroke antithrombotics	73 (58.9)	78 (45.6)	0.02	42 (47.7)	81 (41.8)	0.35	38 (53.5)	66 (31.6)	<0.01
Pre-stroke statins	22 (17.7)	51 (29.8)	0.02	15 (17.0)	44 (22.7)	0.28	14 (19.7)	54 (25.8)	0.30
<b>Laboratory information</b>									
White cell count (μL)	7,778±2,842	8,181±2,763	0.22	8,545±3,834	8,901±3,120	0.45	8,811±3,915	8,179±3,225	0.22
Hemoglobin (g/dL)	13.5±1.7	13.6±1.8	0.49	13.2±2.6	13.6±2.2	0.24	13.4±1.8	13.9±1.9	0.06
Initial glucose (mg/dL)	139±55	130±37	0.09	129±31	142±57	0.01	142±55	138±55	0.60
HbA1c (%)	6.1±0.9	6.1±0.8	0.76	5.8±0.6	6.1±1.3	<0.01	6.2±1.1	6.2±1.3	0.85
Total cholesterol (mg/dL)	163±37	165±45	0.74	154±34	169±44	<0.01	162±29	180±43	<0.01
HDL cholesterol (mg/dL)	46±14	44±11	0.12	44±12	44±12	0.68	46±12	45±11	0.53
Triglycerides (mg/dL)	94±63	108±62	0.07	103±54	109±62	0.42	103±48	118±74	0.06
LDL cholesterol (mg/dL)	98±28	99±40	0.78	90±29	104±37	<0.01	96±28	111±38	<0.01
Systolic blood pressure (mmHg)	148±28	148±25	0.92	147±27	151±26	0.26	156±26	159±29	0.39
Diastolic blood pressure (mmHg)	81±18	79±16	0.29	79±15	81±17	0.51	82±15	87±21	0.04
<b>Outcome information</b>									
mRS score at 3 months	<0.01			<0.01			0.18		
0	20 (16.1)	44 (25.7)		8 (9.1)	31 (16.0)		17 (23.9)	57 (27.3)	
1	12 (9.7)	29 (17.0)		4 (4.5)	35 (18.0)		9 (12.7)	48 (23.0)	
2	14 (11.3)	27 (15.8)		12 (13.6)	30 (15.5)		10 (14.1)	27 (12.9)	
3	11 (8.9)	21 (12.3)		13 (14.8)	33 (17.0)		8 (11.3)	30 (14.4)	
4	18 (14.5)	11 (6.4)		15 (17.0)	23 (11.9)		6 (8.5)	18 (8.6)	
5	28 (22.6)	28 (16.4)		16 (18.2)	25 (12.9)		9 (12.7)	16 (7.7)	
6	21 (16.9)	11 (6.4)		20 (22.7)	17 (8.8)		12 (16.9)	13 (6.2)	
Symptomatic HT	14 (11.3)	5 (2.9)	<0.01	11 (12.5)	10 (5.2)	0.03	5 (7.0)	7 (3.3)	0.18

Values are presented as mean±standard deviation, median (interquartile range), or number (%).

IV, intravenous; mRS, modified Rankin Scale; NIHSS, National Institute of Health Stroke Scale; HDL, high-density lipoprotein; LDL, low-density lipoprotein; HT, hemorrhage transformation.