Functional independence (mRS<2)							
	Intensive	Standard					

	Intensive Standard				Odds ratio	Odd			
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	M-H, Ran	dom, 95% Cl	
BEST-II, 2023	34	76	19	37	9.6%	0.77 [0.35 , 1.69]			
BP-TARGET, 2021	67	152	69	153	23.9%	0.96 [0.61 , 1.51]		- ·	
ENCHANTED2/MT, 2022	192	404	247	406	43.1%	0.58 [0.44 , 0.77]			
OPTIMAL-BP, 2023	61	155	80	147	23.4%	0.54 [0.34 , 0.86]	-		
Total (95% CI)		787		743	100.0%	0.66 [0.51 , 0.86]	•		
Total events:	354		415				•		
Heterogeneity: Tau ² = 0.02	2; Chi ² = 4.2	20, df = 3	(P = 0.24)	; l² = 29%			0.2 0.5	1 2	5
Test for overall effect: Z = 3	3.10 (P = 0	.002)					Standard	Intensive	
Test for subgroup difference	es: Not ap	plicable							A

Walking without assistance (mRS<3)

	Intensive		Standard			Odds ratio	Odds ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% C	1	
BEST-II, 2023	42	76	24	37	6.7%	0.67 [0.30 , 1.51]			
BP-TARGET, 2021	80	152	96	153	21.1%	0.66 [0.42 , 1.04]			
ENCHANTED2/MT, 2022	247	404	285	406	51.7%	0.67 [0.50, 0.89]			
OPTIMAL-BP, 2023	80	155	96	147	20.5%	0.57 [0.36 , 0.90]			
Total (95% CI)		787		743	100.0%	0.64 [0.52 , 0.79]	•		
Total events:	449		501				•		
Heterogeneity: Tau ² = 0.00); Chi ² = 0.3	37, df = 3	(P = 0.95)	; l² = 0%			0.2 0.5 1 2	5	
Test for overall effect: $Z = 4.11$ (P < 0.001)							Standard Intensive		
Test for subgroup difference	es: Not ap	plicable						B	

Minimally or no disability (mRS<1)

	Inte	Intensive Stan				Odds ratio	Odds ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI		
BEST-II, 2023	20	76	11	37	7.9%	0.84 [0.35 , 2.02]			
BP-TARGET, 2021	48	152	42	153	21.4%	1.22 [0.75 , 2.00]			
ENCHANTED2/MT, 2022	153	404	188	406	47.3%	0.71 [0.53, 0.94]	_ _		
OPTIMAL-BP, 2023	52	155	61	147	23.3%	0.71 [0.45 , 1.14]			
Total (95% CI)		787		743	100.0%	0.81 [0.63 , 1.04]	•		
Total events:	273		302				•		
Heterogeneity: Tau ² = 0.02	2; Chi ² = 3.8		0.2 0.5 1 2 5						
Test for overall effect: Z = Test for subgroup difference	Standard Intensive								

NIHSS change at 24 hours after EVT

		Intensive		Standard				Mean difference	Mean difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	IV, Fixed, 95% Cl
BEST-II, 2023	-5.5	6.5	80	-7	6.5	40	3.1%	1.50 [-0.97 , 3.97]	
BP-TARGET, 2021	-4.1	2.1	152	-4.4	2.1	153	85.1%	0.30 [-0.17, 0.77]	-
OPTIMAL-BP, 2023	-1.7	5.8	155	-3	5.4	147	11.8%	1.30 [0.04 , 2.56]	— —
Total (95% CI)			387			340	100.0%	0.46 [0.02 , 0.89]	•
Heterogeneity: Chi2 =	2.82, df = 2	(P=0.2	4); I ² = 29	%					
Test for overall effect: Z = 2.05 (P = 0.043)									-4 -2 0 2 4
Test for subgroup diffe	Intensive Standard								

Supplementary Figure 3. Forest plot of the efficacy outcome as sensitivity analysis.^{20,26-28} (A) Functional independence (mRS \leq 2). (B) Walking without assistance (mRS \leq 3). (C) Minimally or no disability (mRS \leq 1). (D) NIHSS change at 24 hours after endovascular thrombectomy. mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale; EVT, endovascular thrombectomy; CI, confidence interval.