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Table 2 Association of additional disability and poor outcome (mRS scores 3-6) at Day 90, by subgroups

	Δ mRS*, mean (95%CI)	90 day outcome mRS 3-6 (n, %)	OR (95%CI)	P value	P for interaction
Pre-morbid mRS score‡					<0.0001†
0 (n=4,690)	1.23 (1.20 - 1.26)	962/4690 (20.5)	1.70 (1.56 - 1.85)	<0.0001	
1 (n=1,611)	0.63 (0.58 - 0.69)	524/1611 (32.5)	1.79 (1.59 - 2.02)	<0.0001	
2 (n=981)	0.44 (0.36 - 0.53)	466/981 (47.5)	1.86 (1.58 - 2.19)	<0.0001	
3 (n=620)	0.32 (0.23 - 0.42)	428/620 (69.0)	2.25 (1.79 - 2.82)	<0.0001	
4 (n=306)	-0.08 (-0.21 - 0.04)	243/306 (79.4)	2.43 (1.71 - 3.45)	<0.0001	
5 (n=77)	-0.58 (-0.88 - -0.29)	70/77 (90.9)	1.72 (0.86 - 3.47)	0.123	
Country of recruitment‡					0.0002
Non-China	1.07 (1.04-1.11)	1664/4266 (39.0)	1.10 (1.04-1.17)	0.002	
China (incl. Taiwan)	0.69 (0.66-0.73)	1029/4019 (25.6)	1.25 (1.16-1.35)	<0.0001	
Age, yr					0.905
≤65	0.79 (0.76-0.83)	749/3569 (21.0)	1.15 (1.06-1.25)	0.001	
>65	0.96 (0.93-0.99)	1944/4716 (41.2)	1.14 (1.07-1.21)	<0.0001	
Sex					0.559
Male	0.87 (0.84-0.90)	1415/5063 (28.0)	1.15 (1.08-1.23)	<0.0001	
Female	0.92 (0.87-0.96)	1278/3222 (39.7)	1.16 (1.08-1.25)		
Baseline NIHSS					0.208
<5	0.67 (0.65-0.70)	1198/5544 (21.6)	1.22 (1.14-1.30)	<0.0001	
≥5	1.32 (1.27-1.37)	1456/2645 (17.8)	1.17 (1.09-1.25)	<0.0001	
Reperfusion therapy‡					0.033
No	0.89 (0.87-0.92)	2045/6288 (32.5)	1.11 (1.05-1.17)	0.0004	
Yes	1.16 (1.08-1.24)	283/873 (32.4)	1.39 (1.21-1.60)	<0.0001	
Stroke subtype‡					0.904
AIS	0.93 (0.90-0.95)	2328/7162 (32.5)	1.17 (1.11-1.23)	<0.0001	
ICH	0.97 (0.87-1.07)	232/612 (37.9)	0.99 (0.84-1.18)	0.9473	
Aspirin‡					0.715
No	1.06 (1.02-1.10)	1228/3800 (32.3)	1.19 (1.11-1.28)	<0.0001	
Yes	0.74 (0.71-0.78)	1463/4482 (32.6)	1.15 (1.07-1.23)	<0.0001	
AF‡					0.060

No	0.86 (0.83-0.89)	2272/7441 (30.5)	1.18 (1.12-1.24)	<0.0001
Yes	1.14 (1.06-1.23)	386/774 (49.9)	1.00 (0.86-1.16)	0.9594

AF denotes atrial fibrillation, AIS acute ischemic stroke, CI confidence interval, ICH intracerebral hemorrhage, mRS modified Rankin scale, OR odds ratio, NIHSS National Institutes of Health Stroke Scale

*change from baseline (estimated pre-morbid level) to Day 7

†P for linear trend

‡Adjusted for age, sex, and NIHSS; subgroup by age was adjusted for sex and NIHSS; subgroup by sex was adjusted for age and NIHSS; subgroup by NIHSS was adjusted for age and sex