

Table 1: One-step and TMLE estimates of the average causal effect of additional mobile stroke unit (MSU) care on modified Rankin scale (mRS)

<i>M</i> and <i>Y</i>				
type	<i>M</i> cutoff	<i>Y</i> cutoff	One-step estimator	TMLE
Continuous		-	-0.205, 95%CI (-0.34, -0.071)	-0.199, 95%CI (-0.334, -0.063)
Binary	48 mins	2	-0.046, 95%CI (-0.084, -0.009)	-0.05, 95%CI (-0.088, -0.012)
Binary	48 mins	3	-0.024, 95%CI (-0.062, 0.013)	-0.013, 95%CI (-0.051, 0.025)
Binary	48 mins	4	0.001, 95%CI (-0.035, 0.036)	0, 95%CI (-0.035, 0.035)
Binary	75 mins	2	-0.03, 95%CI (-0.054, -0.006)	-0.031, 95%CI (-0.054, -0.007)
Binary	75 mins	3	-0.03, 95%CI (-0.055, -0.005)	-0.016, 95%CI (-0.04, 0.007)
Binary	75 mins	4	-0.014, 95%CI (-0.036, 0.009)	-0.003, 95%CI (-0.023, 0.017)

* Adopt one-step estimator $\psi_1(\hat{Q})$ and TMLE $\psi_1(\hat{Q}^*)$ under binary M , and adopt one-step estimator $\psi_2(\hat{Q})$ and TMLE $\psi_2(\hat{Q}^*)$ under continuous M .