

SUPPLEMENTAL MATERIAL

Table I. Odds ratios from multivariable logistic regression model predicting no increase in pre-stroke disability at 90 days

| Predictor | Odds Ratio with 95% Confidence Interval | P-value |
|---|--|----------------|
| Moderate baseline disability | 1.90 [1.24, 2.94] | 0.004 |
| Age | 0.86 [0.59, 1.27] | 0.458 |
| Sex (Male) | 0.99 [0.97, 1.00] | 0.046 |
| Baseline NIH Stroke Scale | 0.91 [0.88, 0.93] | <0.001 |
| mTICI 2b-3 | 3.69 [1.72, 9.19] | 0.002 |
| Time to recanalization | 1.00 [1.00, 1.00] | 0.08 |
| Baseline Glucose | 1.00 [0.99, 1.00] | 0.049 |
| Intravenous thrombolysis | 1.00 [0.66, 1.52] | 0.995 |
| ASPECT score | 1.08 [0.96, 1.24] | 0.216 |
| ASPECT: Alberta Stroke Program Early CT; mTICI: Modified Thrombolysis in Cerebral Ischemia Score; NIH: National Institute of Health | | |

| Table II. Odds ratios from multivariable logistic regression model predicting mortality by 90 days | | |
|---|--|----------------|
| Predictor | Odds Ratio with 95% Confidence Interval | P-value |
| Moderate baseline disability | 2.83 [1.84, 4.37] | <0.001 |
| Age | 1.04 [1.02, 1.06] | <0.001 |
| Sex (Male) | 1.51 [0.99, 2.33] | 0.057 |
| Baseline NIH Stroke Scale | 1.10 [1.07, 1.14] | <0.001 |
| mTICI 2b-3 | 0.44 [0.25, 0.78] | 0.005 |
| Time to recanalization | 1.00 [1.00, 1.00] | 0.918 |
| Baseline Glucose | 1.00 [1.00, 1.01] | 0.005 |
| Intravenous thrombolysis | 0.82 [0.52, 1.27] | 0.371 |
| ASPECT score | 0.86 [0.76, 0.98] | 0.024 |
| ASPECT: Alberta Stroke Program Early CT; mTICI: Modified Thrombolysis in Cerebral Ischemia Score; NIH: National Institute of Health | | |

| Table III. Outcomes of patients with pre-stroke modified Rankin score 0-2 vs 3 | | | |
|---|-----------------|---------------|---------|
| | mRS 0-2 (n=609) | mRS 3 (n=152) | P-Value |
| Excellent functional outcome (%) | 191 (33.5) | 46 (32.6) | 0.921 |
| No increase in disability (%) | 124 (21.7) | 46 (32.6) | 0.008 |
| Symptomatic Intracerebral Hemorrhage (%) | 42 (7.0) | 10 (6.6) | 1 |
| Successful recanalization (%) | 525 (86.2) | 127 (83.6) | 0.437 |

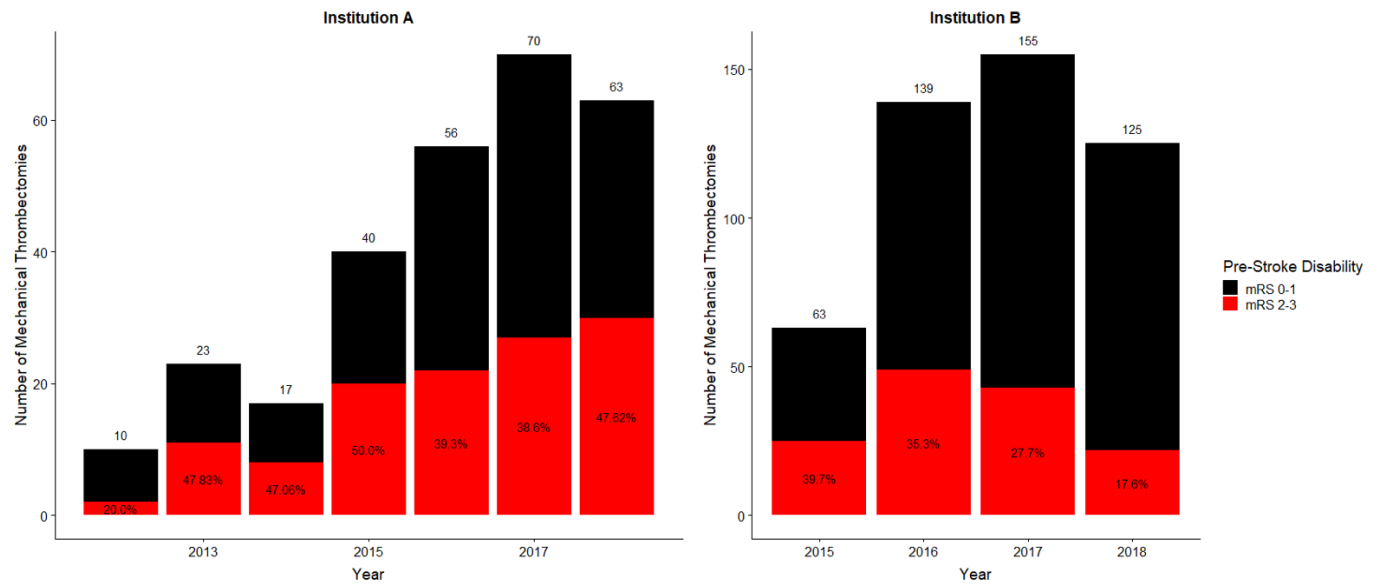


Figure I. Yearly rates of mechanical thrombectomy (MT) by each institution and proportion of patients with pre-stroke disability among those undergoing MT is outlined.

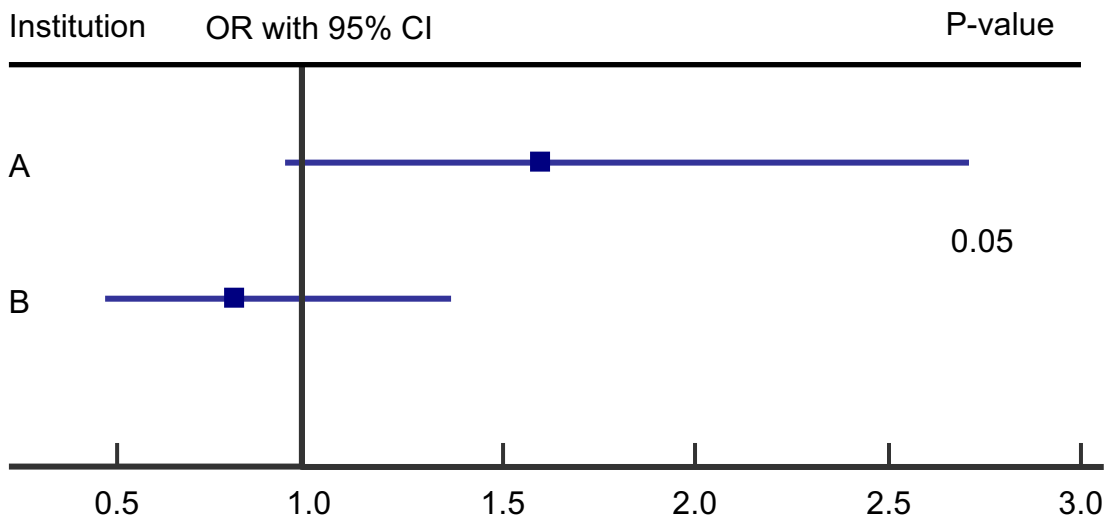


Figure II. Heterogeneity in achievement of the primary outcome of no increase in disability at 90-days between patients with no-to-minimal vs moderate pre-stroke disability according to institution. The odds of having no increase in disability at 90-days for each institution is depicted with a square and a line spanning it representing a 95% confidence interval on the forest plot.