

**On-line Table: Variables associated with the EVT decision in patients with M2 segment MCA occlusion under current and assumed ideal conditions**

| Patient Baseline Characteristics            | Current Local Resources |             |                    |            |                                  |                                  | Assumed Ideal Conditions |             |              |            |                                  |                                  |
|---------------------------------------------|-------------------------|-------------|--------------------|------------|----------------------------------|----------------------------------|--------------------------|-------------|--------------|------------|----------------------------------|----------------------------------|
|                                             | EVT, n (%)              |             |                    | EVT, n (%) |                                  |                                  | EVT, n (%)               |             |              | EVT, n (%) |                                  |                                  |
|                                             | Yes                     | No          | Median (IQR)       | Yes        | No                               | Median (IQR)                     | Yes                      | No          | Median (IQR) | Yes        | No                               | Median (IQR)                     |
| Patient age, years                          | 363 (70.76)             | 150 (29.24) | 85 (32)            | 85 (32)    | 1005 (0.999–1.011)               | 1.016 (1.007–1.024) <sup>a</sup> | 363 (70.76)              | 150 (29.24) | 85 (32)      | 85 (32)    | 1005 (0.999–1.011)               | 1.019 (1.011–1.028) <sup>a</sup> |
| Time since symptom onset, hours             | 58 (69.88)              | 25 (30.12)  | 3 (0.5)            | 3 (0.5)    | 1.019 (0.988–1.053)              | 1.088 (1.038–1.139) <sup>a</sup> | 58 (69.88)               | 25 (30.12)  | 3 (0.5)      | 3 (0.5)    | 1.039 (1.004–1.075) <sup>a</sup> | 1.123 (1.072–1.178) <sup>a</sup> |
| Baseline ASPECTS                            | 196 (63.23)             | 114 (36.77) | 7 (1) <sup>b</sup> | 7 (1)      | 0.869 (0.779–0.968) <sup>a</sup> | 1.041 (0.851–1.272)              | 196 (63.23)              | 114 (36.77) | 7 (1)        | 7 (1)      | 0.876 (0.783–0.979) <sup>a</sup> | 1.1707 (0.957–1.4326)            |
| Geographic region                           |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| North America                               | 363 (70.76)             | 150 (29.24) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Australia, New Zealand                      | 58 (69.88)              | 25 (30.12)  |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Europe                                      | 196 (63.23)             | 114 (36.77) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Asia                                        | 224 (62.57)             | 134 (37.43) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Others                                      | 61 (52.59)              | 55 (47.41)  |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Specialty                                   |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Neurologists                                | 441 (60.08)             | 293 (39.92) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Interventional neuroradiologists            | 269 (69.5)              | 118 (30.49) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Neurosurgeons                               | 148 (78.3)              | 41 (21.69)  |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Others                                      | 44 (62.86)              | 26 (37.14)  |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Hospital type                               |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Academic                                    | 823 (65.53)             | 433 (34.47) |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Nonacademic                                 | 79 (63.71)              | 45 (36.29)  |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Hospital characteristics                    |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Annual EVT volume <sup>d</sup>              |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Annual IV tPA volume <sup>d</sup>           | 80 (100)                | 40 (70)     |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Physician characteristics                   | 100 (125) <sup>b</sup>  | 80 (100)    |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Age, y <sup>d</sup>                         | 43 (12) <sup>b</sup>    | 45 (13)     |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Practice experience, y <sup>d</sup>         | 12 (13) <sup>b</sup>    | 14.5 (13)   |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Annual stroke treatment volume <sup>d</sup> | 100 (155) <sup>b</sup>  | 120 (250)   |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Annual EVT volume <sup>d</sup>              | 30 (30) <sup>b</sup>    | 20 (30)     |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Unadjusted OR (95% CI)                      |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Adjusted OR (95% CI) <sup>a</sup>           |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Unadjusted OR (95% CI)                      |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |
| Adjusted OR (95% CI) <sup>a</sup>           |                         |             |                    |            |                                  |                                  |                          |             |              |            |                                  |                                  |

<sup>a</sup>  $P < .05$ .<sup>b</sup> Parameters with a significantly different distribution in the EVT group compared with the no-EVT group in univariate analysis.<sup>c</sup> Reference category.<sup>d</sup> Continuous variables converted into deciles when reporting ORs.