Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.
**eTable 1. Identification of the Study Registries and Primary Contribution to the Treatment Arms and Imaging Modalities in Cohort**

EVT: Endovascular therapy; CTA: CT angiogram; MRA: MR angiogram

| Site                                | EVT cohort | Medical treatment cohort | CTA | MRA |
|-------------------------------------|------------|--------------------------|-----|-----|
| Baptist Jacksonville, FL            | 4          | 0                        | *   |     |
| Grady Memorial Hospital             | 39         | 16                       | *   |     |
| Mount Sinai Hospital                 | 34         | 0                        | *   |     |
| UCLA Medical Center                 | 3          | 60                       | *   | *   |
| University at Buffalo               | 7          | 7                        | *   |     |
| University of Iowa                  | 2          | 0                        | *   |     |
| University of Pittsburgh Medical Center | 16        | 16                       | *   | *   |
| University of South California      | 5          | 11                       | *   |     |
| University of South Florida          | 3          | 8                        | *   |     |
| University of Texas Rio Grande Valley, TX | 33       | 12                       | *   |     |
| University of Tennessee Health Science Center | 10      | 0                        | *   |     |
**eTable 2. Baseline Characteristics According to the Use of EVT vs MMA Before IPTW**

| covariate          | MM, n=124 | EVT, n=151 | EVT-MM |
|--------------------|-----------|------------|--------|
|                    | mean or prop | SD         | mean or prop | SD | std mean diff | variance ratio |
| age                | 72.19      | 14.87      | 66.54      | 13.80 | -0.41 | 0.86 |
| gender             | 48.4%      |            | 57.6%      |      | 0.18 |
| NIHSS              | 9.73       | 7.14       | 13.97      | 6.79  | 0.62  | 0.90 |
| Afib               | 26.6%      |            | 39.7%      |      | 0.26  |
| tPA use            | 45.2%      |            | 50.6%      |      | 0.11  |
| last well known to ED | 247.92 | 221.8      | 270.07     | 189.96 | 0.11  | 0.73 |
| propensity score   | 0.458      | 0.19       | 0.62       | 0.15  | 0.99  | 0.65 |

MM: Medical management; EVT: Endovascular therapy; Afib: Atrial fibrillation; SD: standard deviation; Prop: proportion

**eTable 3. Baseline Characteristics According to the Use of EVT vs MMA After IPTW**

| covariate          | MM, n=124 | EVT, n=151 | EVT-MM |
|--------------------|-----------|------------|--------|
|                    | mean or prop | SD         | mean or prop | SD | std mean diff | variance ratio |
| Age                | 65.06      | 14.18      | 66.54      | 13.80 | 0.10  | 0.89 |
| gender             | 58.6%      |            | 57.6%      |      | -0.02 |
| NIHSS              | 13.40      | 7.24       | 13.97      | 6.79  | 0.08  | 0.75 |
| Afib               | 34.5%      |            | 39.7%      |      | 0.10  |
| tPA use            | 38.8%      |            | 50.6%      |      | 0.23  |
| last well known to ED | 300.74 | 212.5      | 270.07     | 189.96 | -0.16 | 0.59 |
| propensity score   | 0.62       | 0.16       | 0.62       | 0.16  | 0.01  | 1.03 |

MM: Medical management; EVT: Endovascular therapy; Afib: Atrial fibrillation; SD: standard deviation; Prop: proportion
**eFigure 1.** Distribution of 90-Day mRS Scores by Treatment Group

IPTW: Inverse probability of treatment weighting. MM: Medical management. EVT: Endovascular therapy. mRS: modified Rankin scale.
**eFigure 2.** Love Plot

blue: before IPTW, red: After IPTW.

IPTW: Inverse probability of treatment weighting.