eTables:

eTable 1. Table of excluded studies with reasons for exclusion.

eTable 2. Pooled rates with corresponding 95%CI (confidence intervals) of safety and efficacy

outcomes among acute ischemic stroke patients treated with endovascular therapy (EVT) and

best medical treatment (BMT) compared to BMT alone.

eReferences used in the Supplement.

eFigures:

eFigures 1-23

eTable 1. Table of excluded studies with reasons for exclusion.

| Study Name | Reason(s) for Exclusion |
|---------------------------|--|
| Roman et al. ¹ | Individual patient data meta-analysis |
| Hill et al. ² | Subgroup analysis of Interventional Management of Stroke |
| | (IMS)-III Trial, with ASPECTS-range of 0-4 |

eTable 2. Pooled rates, risk differences with corresponding 95%CI (confidence intervals), and numbers needed to treat (or harm) of safety and efficacy outcomes among acute ischemic stroke patients treated with endovascular therapy (EVT) and best medical treatment (BMT) compared

to BMT alone.

The corresponding pooled proportions with 95% confidence intervals (95%CI) were calculated after the implementation of the variance-stabilizing double arcsine transformation, as previously described.³

| Outcomes | mRS 0-3* | mRS 0-2* | mRS 0-1* | sICH | Any ICH | Mortality* |
|------------|------------|------------|----------|------------|-------------|------------|
| EVT+ BMT | 37 (29-45) | 20 (13-28) | 8 (5-12) | 4 (1-9) | 42 (11-78) | 28 (19-38) |
| (95%CI) | | | | | | |
| BMT | 21 (13-30) | 9 (7-11) | 5 (1-10) | 2 (1-4) | 19 (5-40) | 29 (20-40) |
| (95%CI) | | | | | | |
| RD%(95%CI) | 15 (10-20) | 11 (5-17) | 3 (1-6) | 2 (-1 – 4) | 23 (3 – 44) | -1 (-5-4) |
| NNT | 7 | 9 | 33 | 50 (NNH) | 4 (NNH) | 100 |

*At three months; mRS: modified Rankin Scale; sICH: symptomatic intracranial hemorrhage; ICH: intracranial hemorrhage; RD: risk difference; NNT: number needed to treat; NNH: number needed to harm.

3

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eFigure 1. PRISMA flowchart presenting the selection of eligible studies.



eFigure 2. Forest plots presenting the pooled mean of age (in years) of the patients enrolled in the EVT arm (panel A), the pooled mean of age (in years) of the patients enrolled in the BMT arm (panel B), and the mean difference of age (in years) among the patients in the EVT versus the BMT arm (panel C).

SD: standard deviation; CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.

Α.

| Study | Mean | SD | Total | Weight | Mean IV, Random, 95% Cl | Mean IV, Random, 95% | 6 CI |
|--------------------------------------|----------|-------------|----------|------------|----------------------------|-------------------------|-------|
| ANGEL-ASPECT | 66.70 | 9.10 | 230 | 25.6% | 66.70 [65.52, 67.88] | | |
| RESCUE-Japan LIMIT | 76.60 | 10.00 | 101 | 24.9% | 76.60 [74.65, 78.55] | | - |
| SELECT2 | 67.20 | 12.90 | 178 | 25.0% | 67.20 [65.30, 69.10] | | |
| TESLA | 64.20 | 14.60 | 152 | 24.5% | 64.20 [61.88, 66.52] | | |
| Total (95% CI) | | . 2 | 661 | 100.0% | 68.68 [63.84, 73.52] | | _ |
| Heterogeneity: Tau ⁻ = 23 | 3.470; C | hi~ = 89 | 9.97, df | = 3 (P < . | 01); I* = 97% | 05 70 | 75 |
| | | | | | | 65 70 Mean Age | 15 |
| В. | | | | | | | |
| | | | | | Mean | Mean | |
| Study | Mean | SD | Total | Weight | t IV, Random, 95% C | I IV, Random, 95 | % CI |
| ANGEL-ASPECT | 65.70 | 10.50 | 225 | 25.4% | 65.70 [64.33, 67.07] | | |
| RESCUE-Japan LIMIT | 75.70 | 10.20 | 102 | 24.8% | 75.70 [73.72, 77.68] | | - |
| SELECT2 | 66.00 | 12.60 | 173 | 24.9% | 66.00 [64.12, 67.88] | | |
| TESLA | 65.50 | 11.90 | 148 | 24.9% | 65.50 [63.58, 67.42] | | |
| Total (95% CI) | | | 648 | 100.0% | 68.20 [63.68, 72.73] | | |
| Heterogeneity: Tau ² = 2 | 0.455; 0 | $Chi^2 = 7$ | 9.09, df | = 3 (P < | $.01); I^2 = 96\%$ | | |
| | | | | | | 01 00 00 70 70 | 74 70 |
| | | | | | | 64 66 68 70 72 | 14 10 |

C.

| | E | T | | BM | Т | | | Mean Difference | | Mea | n Differ | ence | |
|--------------------------------------|--------------------|----------|----------|------------------------|-------|-------|--------|---------------------|----|----------|----------|----------|---|
| Study | Mean | SD | Total | Mean | SD | Total | Weight | IV, Random, 95% C | | IV, Ra | ndom, | 95% CI | |
| ANGEL-ASPECT | 66.70 | 9.10 | 230 | 65.70 | 10.50 | 225 | 44.6% | 1.00 [-0.81, 2.81] | | | - | | |
| RESCUE-Japan LIMIT | 76.60 | 10.00 | 101 | 75.70 | 10.20 | 102 | 18.9% | 0.90 [-1.88, 3.68] | | | | + | _ |
| SELECT2 | 67.20 | 12.90 | 178 | 66.00 | 12.60 | 173 | 20.5% | 1.20 [-1.47, 3.87] | | _ | | | |
| TESLA | 64.20 | 14.60 | 152 | 65.50 | 11.90 | 148 | 16.1% | -1.30 [-4.31, 1.71] | _ | | | _ | |
| Total (95% CI) | | | 661 | | | 648 | 100.0% | 0.65 [-0.55, 1.86] | | | | | |
| Heterogeneity: Tau ² = 0; | Chi ² = | 1.95, df | = 3 (P : | = .58); I ² | = 0% | | | | | 1 | | 1 | |
| Test for overall effect: Z | = 1.06 (| P = .29) | | | | | | | -4 | -2 | 0 | 2 | 4 |
| | | | | | | | | | | Favors F | VT Fa | vors BMT | 2 |

Mean Age

eFigure 3. Forest plots presenting the pooled proportion of men among the patients enrolled in the EVT arm (panel A), the pooled proportion of men among the patients enrolled in the BMT arm (panel B), and the odds ratio of men in the EVT versus the BMT arm (panel C).

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.

Α.

| Study | Events | Total | Weight | IV, Random, 95% CI | IV | , Ran | dom, 9 | 95% (| |
|--------------------------------------|-----------------------|--------|-----------|-------------------------|------|-------|--------|-------|------|
| ANGEL-ASPECT | 135 | 230 | 31.8% | 0.59 [0.52, 0.65] | | | _ | | |
| RESCUE-Japan LIMIT | 55 | 101 | 17.5% | 0.54 [0.44, 0.64] | | | - | | |
| SELECT2 | 107 | 178 | 26.8% | 0.60 [0.53, 0.67] | | | | - | |
| TESLA | 76 | 152 | 23.9% | 0.50 [0.42, 0.58] | 2 | - | | - | |
| Total (95% CI) | | 661 | 100.0% | 0.56 [0.52, 0.61] | | 1 | | - | |
| Heterogeneity: Tau ² < 0. | 001; Chi ² | = 4.16 | df = 3 (P | $= .24$); $l^2 = 28\%$ | | | | 1 | |
| | | | | and a second second | 0.45 | 0.5 | 0.55 | 0.6 | 0.65 |
| | | | | | | | Males | | |
| - | | | | | | | | | |

Β.

| Study | Events | Total | Weight | IV, Random, 95% CI | IV | , Rand | om, 98 | 5% CI | 8 |
|--------------------------------------|-----------------|----------|------------|--------------------|-----|--------|--------|-------|-----|
| ANGEL-ASPECT | 144 | 225 | 34.7% | 0.64 [0.57, 0.70] | | | _ | | _ |
| RESCUE-Japan LIMIT | 58 | 102 | 15.7% | 0.57 [0.47, 0.67] | | | | | |
| SELECT2 | 100 | 174 | 26.8% | 0.57 [0.50, 0.65] | | | | | |
| TESLA | 84 | 148 | 22.8% | 0.57 [0.48, 0.65] | 82 | | | - | |
| Total (95% CI) | | 649 | 100.0% | 0.59 [0.56, 0.63] | | _ | | | |
| Heterogeneity: Tau ² = 0; | $Chi^{2} = 2.1$ | 98, df = | 3 (P = .40 |); $l^2 = 0\%$ | l. | 1 | 13 | 1 | - 3 |
| | | 2.53 | 2 | | 0.5 | 0.55 | 0.6 | 0.65 | 0.7 |
| | | | | | | IV | ales | | |

C.

| | E | /T | B | TN | | Odds Ratio | | Odds Ratio | | |
|-------------------------------------|------------------------|----------|-------------|-----------------------|--------|-------------------|-----|--------------------------|----------|--|
| Study | Events | Total | Events | Total | Weight | IV, Random, 95% (| 1 | IV, Random, 95 | % CI | |
| ANGEL-ASPECT | 135 | 230 | 144 | 225 | 33.9% | 0.80 [0.55, 1.17] | 1 | | | |
| RESCUE-Japan LIMIT | 55 | 101 | 58 | 102 | 15.8% | 0.91 [0.52, 1.58] | 12 | | | |
| SELECT2 | 107 | 178 | 100 | 174 | 26.9% | 1.12 [0.73, 1.71] | | | <u>©</u> | |
| TESLA | 76 | 152 | 84 | 148 | 23.4% | 0.76 [0.48, 1.20] | ¥ | | | |
| Total (95% CI) | | 661 | | 649 | 100.0% | 0.88 [0.71, 1.10] | | | | |
| Heterogeneity: Tau ² = 0 | ; Chi ² = 1 | 84, df = | = 3 (P = .6 | 61); I ² = | 0% | | 1. | 1 | 1 | |
| Test for overall effect: Z | = -1.12 (F | = .26) | | | | | 0.5 | 1 | 2 | |
| | | | | | | | | Favors BMT Favo Males | rs EVT | |

eFigure 4. Forest plots presenting the pooled median of NIHSS of the patients enrolled in the EVT arm (panel A), the pooled median of NIHSS of the patients enrolled in the BMT arm (panel B), and the difference of medians of NIHSS among the patients in the EVT versus the BMT arm (panel C), as calculated by the quantile estimation (QE) method.⁴

CI: confidence interval; RE: random effect; NIHSS: National Institutes of Health Stroke Scale.



eFigure 5. Forest plots presenting the pooled median of ASPECTS of the patients enrolled in the EVT arm (panel A), the pooled median of ASPECTS of the patients enrolled in the BMT arm (panel B), and the difference of medians of ASPECTS among the patients in the EVT versus the BMT arm (panel C), as calculated by the quantile estimation (QE) method.⁴

CI: confidence interval; RE: random effect; ASPECTS: Alberta Stroke Program Early CT Score.

| Α. | | Median (95%CI) |
|---|--|--------------------|
| ANGEL-ASPECT | - | 3.00 [2.87, 3.13] |
| RESCUE-Japan LIMIT | - | 3.00 [2.81, 3.19] |
| SELECT2 | ·• | 4.00 [3.73, 4.27] |
| TESLA | • | 4.00 [3.70, 4.30] |
| RE Model Heterogeneity: df=3; 1 ² = 96%; p<0.01 | 35 4 45 | 3 49 (2 97, 4.00) |
| В. | | Median (95%CI) |
| ANGEL-ASPECT | | 3.00 [2.87, 3.13] |
| RESCUE-Japan LIMIT | an a | 3.00 [2.81, 3.19] |
| SELECT2 | | 4,00 [3.86, 4.14] |
| TESLA | · | 4 00 [3.70, 4.30] |
| RE Model Heterogeneity: df=3; 1 ² = 98%; p<0.01 | _ | 3.49 [2.91, 4.08] |
| 2.5 3 Poole | 3.5 4 4.5 ed Median of ASPECTS | |
| С. | E. | Median (95%CI) |
| ANGEL-ASPECT | F | 0.00 [-0.18, 0.18] |
| RESCUE-Japan LIMIT | | 0.00 [-0.27, 0.27] |
| SELECT2 | | 0.00 [-0.31, 0.31] |
| TESLA | | 0.00 [-0.42, 0.42] |
| RE Model Heterogeneity: df=3; l ² = 0%; p=0.65 Test for overall effect: Z= 1.65 (p=0.10) | | 0.00 [-0.13, 0.13] |
| -0.6 -0.4 - | 0.2 0 0.2 0.4 0.6 nce of Medians of ASPECTS | |

eFigure 6. Forest plots presenting the pooled median of ischemic-core volume (in ml) of the patients enrolled in the EVT arm (panel A), the pooled median of ischemic-core volume (in ml) of the patients enrolled in the BMT arm (panel B), and the difference of medians of ischemic-core volume (in ml) among the patients in the EVT versus the BMT arm (panel C), as calculated by the quantile estimation (QE) method.⁴

CI: confidence interval; RE: random effect.



eFigure 7. Forest plots presenting the pooled proportion of IVT pretreatment among the patients enrolled in the EVT arm (panel A), the pooled proportion of IVT pretreatment among the patients enrolled in the BMT arm (panel B), and the odds ratio of IVT pretreatment in the EVT versus the BMT arm (panel C).

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; IVT: intravenous thrombolysis.

| Α. | | | | | | | | | | |
|--------------------------------------|-----------------------|---------|-------------|-----------------------------|-----------------------|------------|--------|---------------|--------|-------------|
| Study | Events | Total | Weight | IV, Random | , <mark>95%</mark> | CI | IV, Ra | ndom, | 95% C | 1 |
| ANGEL-ASPECT | 66 | 230 | 30.4% | 0.29 [0.23 | , 0.35] | | | - | - | |
| RESCUE-Japan LIMIT | 27 | 101 | 18.7% | 0.27 [0.18 | , 0.36] | | - | - | | 12 |
| SELECT2 | 37 | 178 | 26.6% | 0.21 [0.15 | , 0.27] | 0 | | | 10 | |
| TESLA | 31 | 152 | 24.3% | 0.20 [0.14 | , 0.28] | 1 <u>0</u> | - | | | |
| Total (95% CI) | | 661 | 100.0% | 0.24 [0.20 | , 0.29] | - | | - | - | |
| Heterogeneity: Tau ² = 0. | 001; Chi ² | = 5.20, | df = 3 (P | = .16); I ² = 42 | % | 6. | - 5 | 25 | | |
| | | | | | | 0.15 | 0.2 | 0.25 IVT | 0.3 | 0.35 |
| В. | | | | | | | | | | |
| Study | Events | Total | Weight | IV, Randon | n, <mark>95%</mark> | CI | IV, R | andom, | 95% | |
| ANGEL-ASPECT | 63 | 225 | 28.1% | 0.28 [0.2] | 2, 0.34] | í. | | | | _ |
| RESCUE-Japan LIMIT | 29 | 102 | 21.2% | 0.28 [0.20 | 0, 0.38] | | - | | - | |
| SELECT2 | 30 | 173 | 26.0% | 0.17 [0.1] | 2, 0.24] | | | | | |
| TESLA | 30 | 148 | 24.7% | 0.20 [0.14 | 4, 0.28] | | | | - | |
| Total (95% CI) | | 648 | 100.0% | 0.23 [0.1 | 8, <mark>0.29]</mark> | | | | _ | |
| Heterogeneity: Tau ² = 0. | 003; Chi ² | = 8.63 | , df = 3 (P | $= .03); l^2 = 65$ | 5% | 1 | 1 | 1 | 1 | 1 |
| | | | | | | 0.1 | 5 0.2 | 2 0.25 IVT | 0.3 | 0.35 |
| С. | - | | | | | | | | | |
| | EVT | | BWI | | Odd | s Ratio | | | Odd | s Ratio |
| Study E | vents To | otal Ev | ents Tota | al Weight IV | /, Rand | om, 95% | CI | N | , Rand | lom, 95% CI |
| ANGEL-ASPECT | 66 | 230 | 63 22 | 25 39.3% | 1.03 [0 | .69. 1.56 | 1 | - | | |



eFigure 8. Forest plots presenting the pooled median time onset-to-randomization (in minutes) of the patients enrolled in the EVT arm (panel A), the pooled median time onset-to-randomization (in minutes) of the patients enrolled in the BMT arm (panel B), and the difference of medians of time onset-to-randomization (in minutes) among the patients in the EVT versus the BMT arm (panel C), as calculated by the quantile estimation (QE) method.⁴

CI: confidence interval; RE: random effect.



eFigure 9. Summary plot presenting the quality assessment of included randomized controlled clinical trials using the Cochrane Collaboration tool (RoB 2).⁵



All of the studies were free of risk of bias in two domains: the measurement of outcomes (since all adjudicators were blinded to the patients' allocation) and the results' reporting. The TESLA^{6,7} trial presented minor concerns in the randomization process due to the inclusion of more patients with diabetes mellitus in the interventional arm compared to control. Furthermore, due to the nature of the intervention, blinding of participants and investigators was not possible in any of the included trials. Additionally, in ANGEL-ASPECT,⁸ SELECT2,⁹ and TESLA^{6,7} trials, minor deviations from intended interventions were noted; such a bias was not detected in RESCUE-Japan LIMIT¹⁰ trial. Finally, in SELECT2⁹ and TESLA^{6,7} trials, there were minor concerns due to missing data regarding outcomes (due to lost to follow up patients).

eFigure 10. Traffic Light Plot presenting the quality assessment of included randomized controlled clinical trials using the Cochrane Collaboration tool (RoB 2).⁵

| | | | | Risk of bia | s domains | | | | | |
|-----|--------------------|---|----|-------------|-----------|----|---------|--|--|--|
| | | D1 | D2 | D3 | D4 | D5 | Overall | | | |
| | ANGEL-ASPECT | + | - | + | + | + | - | | | |
| л | RESCUE-Japan LIMIT | + | - | + | + | + | - | | | |
| Stu | SELECT2 | + | - | - | + | + | - | | | |
| | TESLA | - | - | - | + | + | - | | | |
| | | Domains: D1: Bias arising from the randomization process. D2: Bias due to deviations from intended intervention. D3: Bias due to missing outcome data. D4: Bias in measurement of the outcome. D5: Bias in selection of the reported result. | | | | | | | | |

eFigure 11: Sensitivity analysis regarding the association of EVT compared to BMT with reduced disability at 3 months, using the generalized OR as reported by 2 studies.^{8,9}

SE: standard error; CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.

| | | | | Odds Ratio | Odds | Ratio |
|---------------------------------|-----------------------|--------|--------------|-------------------------|-----------------------|-----------------------|
| Study | logOR | SE | Weight | IV, Random, 95% CI | IV, Rando | m, 95% Cl |
| ANGEL-ASPECT | 0.31 | 0.11 | 54.3% | 1.36 [1.10, 1.69] | | |
| SELECT2 | 0.41 | 0.12 | 45.7% | 1.51 [1.19, 1.91] | | |
| Total (95% CI) | | | 100.0% | 1.43 [1.22, 1.67] | | - |
| Heterogeneity: Tau ² | = 0; Chi ² | = 0.38 | 3, df = 1 (F | $P = .54$; $I^2 = 0\%$ | 1 | |
| Test for overall effect | ot: Z = 4.3 | 9 (P < | .01) | | 0.75 | 1.5 |
| | | | | | Favors BMT shift a | Favors EVT nalvsis |

15

eFigure 12: Forest plot presenting the association of EVT compared to BMT with reduced disability at 3 months (using the generalized OR), stratified by onset-to randomization time (<6 hours vs. \geq 6 hours).

SE: standard error; CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.



shift analysis

eFigure 13: Analysis of Safety Outcomes. Forest plot presenting the association of EVT compared to BMT with sICH (panel A), any-ICH (panel B) and 3-month mortality (panel C).

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; sICH: symptomatic intracranial hemorrhage; aICH: any intracranial hemorrhage.



Test for overall effect: Z = -0.28 (P = .78)



2

0.5

eFigure 14: Sensitivity analysis regarding the association of EVT compared to BMT with sICH, including the studies that reported this outcome up to 48 hours post intervention.^{8,10}

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; sICH: symptomatic intracranial hemorrhage.

| | E | /т | B | ТΝ | | Risk Ratio | | Ri | sk Ra | tio | |
|--------------------------------------|------------------------|----------------------|------------|-----------------------|--------|-------------------|-----|-----------|-------|----------|----|
| Study | Events | Total | Events | Total | Weight | IV, Random, 95% C | I | IV, Rar | ndom, | 95% Cl | |
| ANGEL-ASPECT | 14 | 230 | 6 | 225 | 56.0% | 2.28 [0.89, 5.83] | | | _ | - | |
| RESCUE-Japan LIMIT | 9 | 101 | 5 | 102 | 44.0% | 1.82 [0.63, 5.24] | | _ | | - | |
| Total (95% Cl) | | 331 | | 327 | 100.0% | 2.06 [1.02, 4.17] | | | - | | |
| Heterogeneity: Tau ² = 0; | Chi ² = 0.1 | 0, df = ⁻ | 1 (P = .75 |); I ² = 0 | % | | I | I | I | 1 | I |
| Test for overall effect: Z = | 2.02 (P = | .04) | | | | | 0.2 | 0.5 | 1 | 2 | 5 |
| | | | | | | | | Favors E\ | /T Fa | avors BN | 1T |

eFigure 15: Sensitivity analysis regarding the association of EVT compared to BMT with any ICH, including the studies that reported this outcome up to 48 hours post intervention.^{8,10}

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; aICH: any intracranial hemorrhage.



eFigure 16: Forest plot presenting the association of EVT compared to BMT with sICH, stratified by the different definitions used by each study. The ANGEL-ASPECT trial⁸ used the Heidelberg bleeding classification (NIHSS-score increase of ≥ 4 points or an increase in the score for an NIHSS subcategory of ≥ 2 points with any intracranial hemorrhage on imaging),¹¹ while the SELECT2,⁹ RESCUE-Japan LIMIT,¹⁰ and TESLA^{6,7} trials used the Safe Implementation of Thrombolysis in Stroke-Monitoring Study (SITS-MOST) definition (parenchymal hematoma type 2 and NIHSS-score increase by at least 4 points).¹²

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; sICH: symptomatic intracranial hemorrhage; SITS-MOST: Safe Implementation of Thrombolysis in Stroke-Monitoring Study.



eFigure 17: Sensitivity analysis regarding the association of EVT compared to BMT with reduced disability at 3 months, after excluding the ANGEL-ASPECT trial.⁸

SE: standard error; CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.



eFigure 18: Sensitivity analysis regarding the association of EVT compared to BMT with independent ambulation at 3 months, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; mRS: modified Rankin Scale.

| | EVT | | BMT | | Risk Ratio | | Risk Ratio | | | |
|--------------------------------------|------------------------|----------|-------------|-----------|-------------|--------------------|----------------------------------|--|--|--|
| Study | Events | Total | Events | Total | Weight | IV, Random, 95% CI | IV, Random, 95% CI | | | |
| RESCUE-Japan LIMIT | 31 | 100 | 13 | 102 | 18.0% | 2.43 [1.35, 4.37] | | | | |
| SELECT2 | 67 | 178 | 32 | 174 | 45.3% | 2.05 [1.42, 2.95] | | | | |
| TESLA | 45 | 152 | 29 | 148 | 36.6% | 1.51 [1.00, 2.27] | | | | |
| Total (95% CI) | | 430 | | 424 | 100.0% | 1.89 [1.47, 2.43] | - | | | |
| Heterogeneity: Tau ² = 0. | .001; Chi ² | ² = 2.05 | , df = 2 (F | e = .36); | $l^2 = 2\%$ | | | | | |
| Test for overall effect: Z | 0.5 1 2 | | | | | | | | | |
| | | | | | | | Favors BMT Favors EVT mRS 0-3 | | | |

eFigure 19: Sensitivity analysis regarding the association of EVT compared to BMT with good functional outcome at 3 months, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; mRS: modified Rankin Scale.



eFigure 20: Sensitivity analysis regarding the association of EVT compared to BMT with excellent functional outcome at 3 months, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; mRS: modified Rankin Scale.



eFigure 21: Sensitivity analysis regarding the association of EVT compared to BMT with sICH, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; sICH: symptomatic intracranial hemorrhage.



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eFigure 22: Sensitivity analysis regarding the association of EVT compared to BMT with any ICH, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment; aICH: any intracranial hemorrhage.

| | EVT | | BMT | | Risk Ratio | | | Risk Ratio | | | | |
|---|--------|-------|--------|-------|------------|--------------------|-------------------------------|--------------------|---|----------|---|--|
| Study | Events | Total | Events | Total | Weight | IV, Random, 95% CI | | IV, Random, 95% CI | | | | |
| RESCUE-Japan LIMIT | 58 | 101 | 32 | 102 | 31.5% | 1.83 [1.31, 2.55] | | | | . | | |
| SELECT2 | 5 | 178 | 3 | 174 | 1.7% | 1.63 [0.40, 6.71] | | | | | | |
| TESLA | 110 | 151 | 56 | 149 | 66.7% | 1.94 [1.54, 2.44] | | | - | - | | |
| Total (95% CI) | | 430 | | 425 | 100.0% | 1.90 [1.57, 2.29] | | | | • | | |
| Heterogeneity: $Tau^2 = 0$ | | | | | | | | | | | | |
| Test for overall effect: Z = 6.72 (P < .01) | | | | | | | | 0.5 | 1 | 2 | 5 | |
| | | | | | | | Favors EVT Favors BMT alCH | | | | | |

eFigure 23: Sensitivity analysis regarding the association of EVT compared to BMT with mortality at 3 months, after excluding the ANGEL-ASPECT trial.⁸

CI: confidence interval; IV: inverse variance; EVT: endovascular treatment; BMT: best medical treatment.

