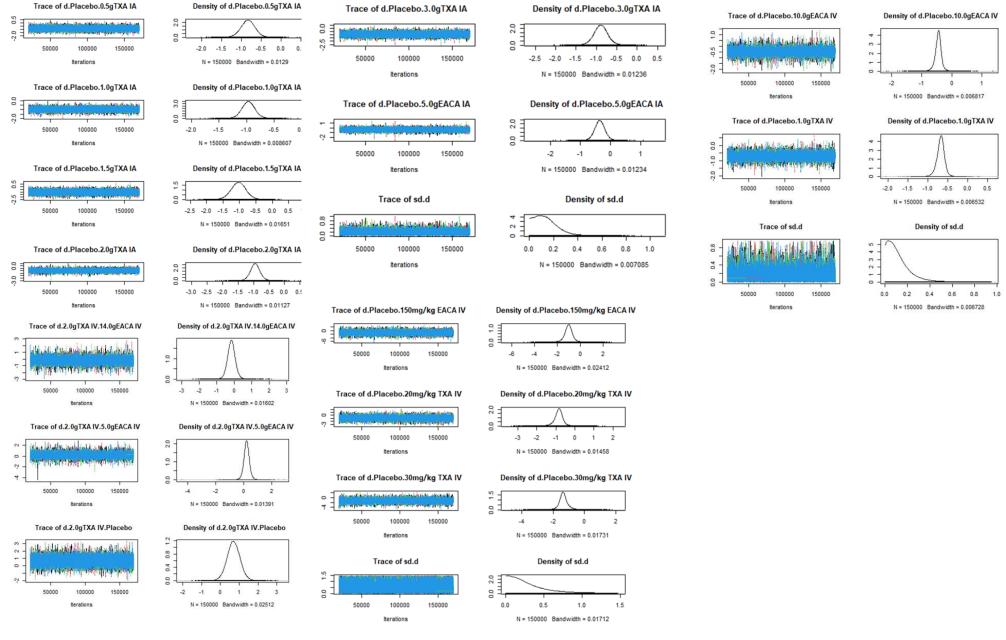
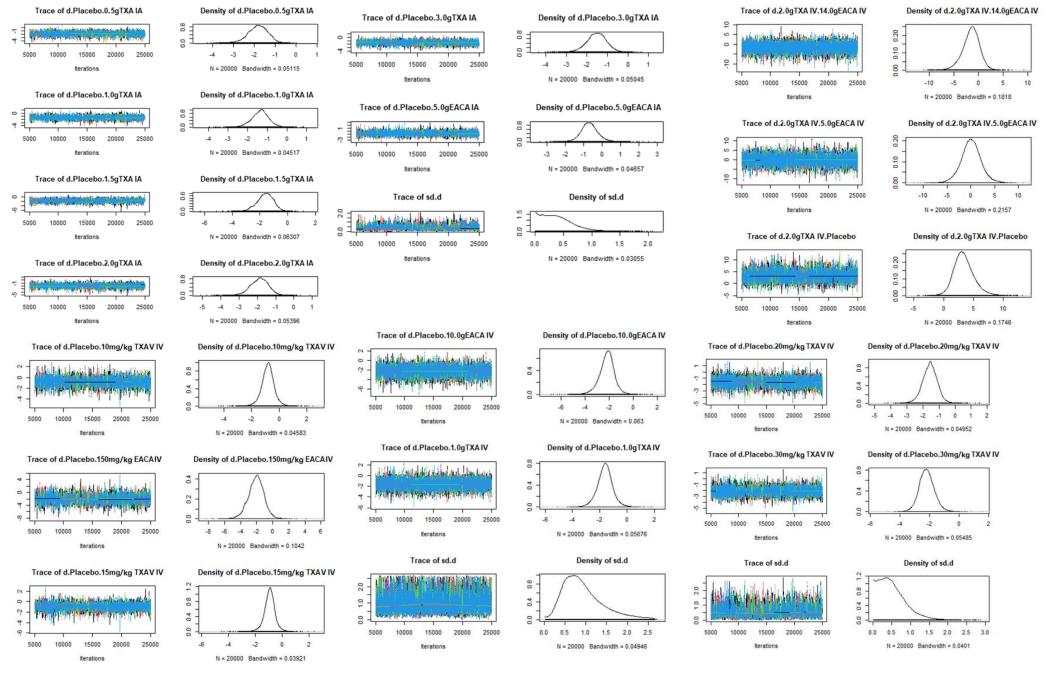


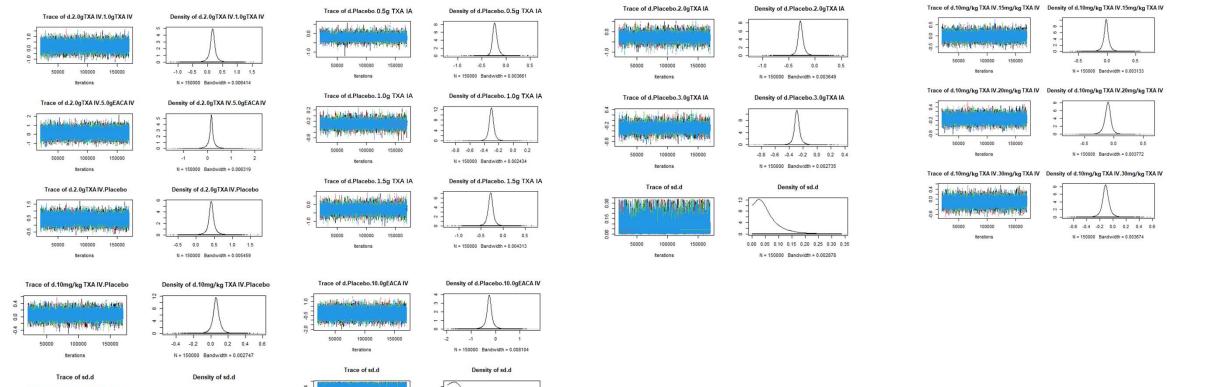
Supplementary Material 4 (A) a. Trace plots and density plots of total blood loss after TKA in intraarticular and intravenous (g or mg/kg) administrations of TXA and EACA.



Supplementary Material 4 (A) b. Trace plots and density plots of HB drop after TKA in intraarticular and intravenous (g or mg/kg) administrations of TXA and EACA.



Supplementary Material 4 (A) c. Trace plots and density plots of transfusion rates after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.



Supplementary Material 4 (A) d. Trace plots and density plots of drainage volume after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.

100000

100000

Iterations

0.00 0.05 0.10 0.15 0.20 0.25

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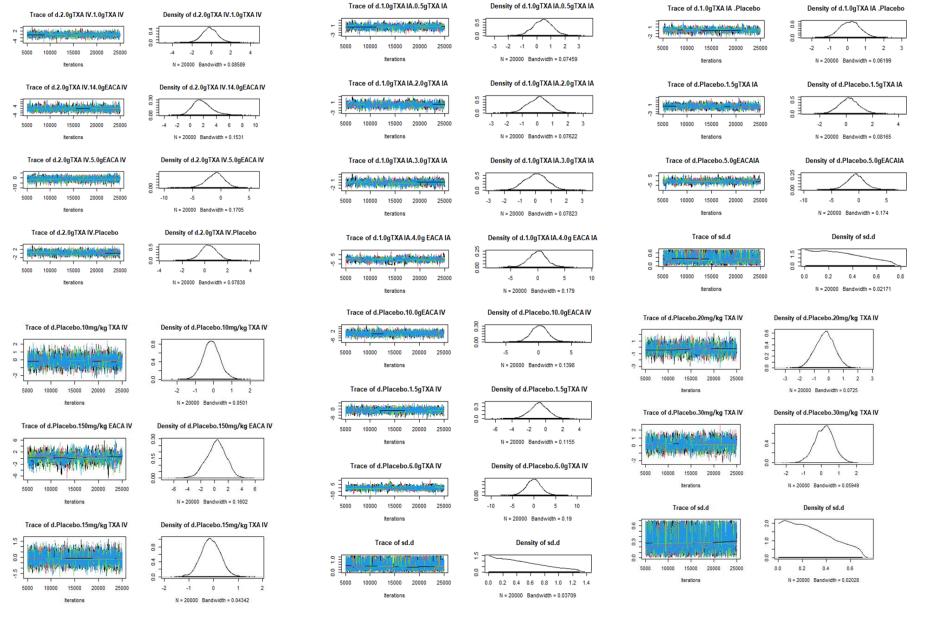
150000

0.0

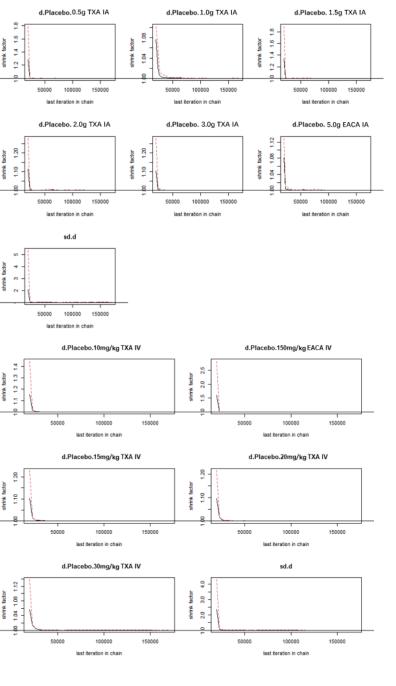
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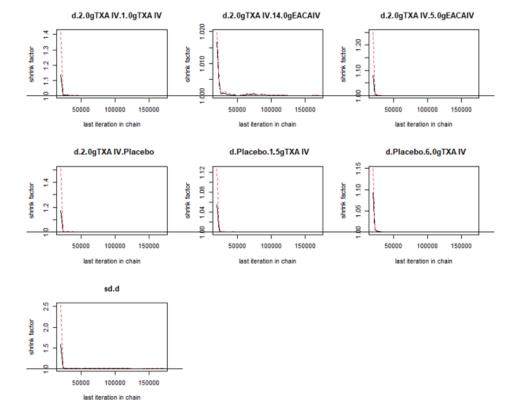
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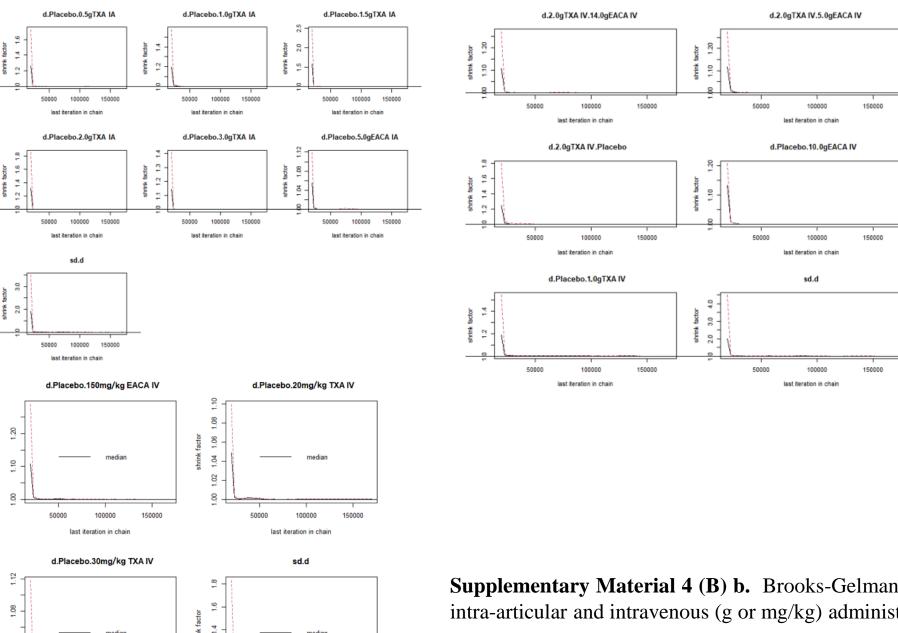


Supplementary Material 4 (A) e. Trace plots and density plots of PE/DVT rates after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.





Supplementary Material 4 (B) a. Brooks-Gelman-Rubin plots of total blood loss after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.



9.

150000

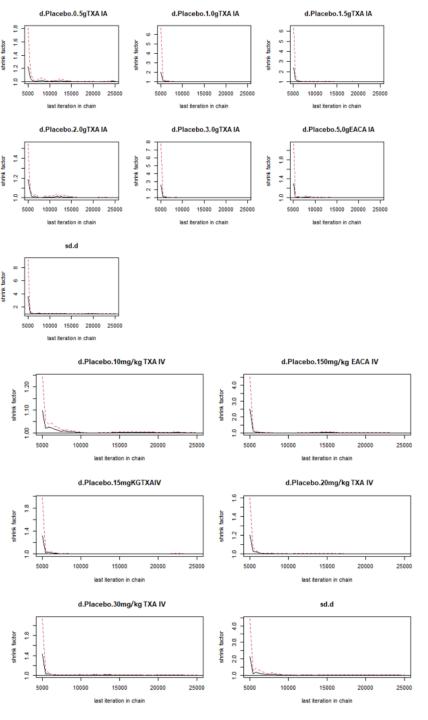
last iteration in chain

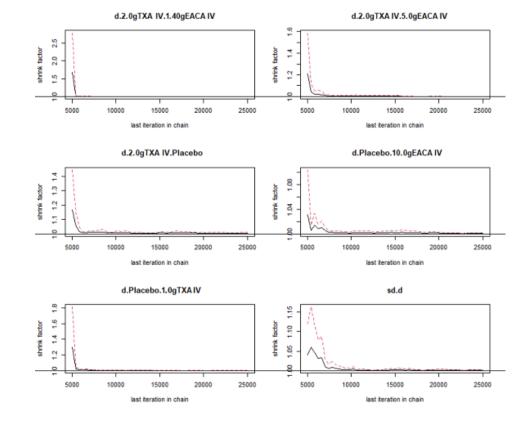
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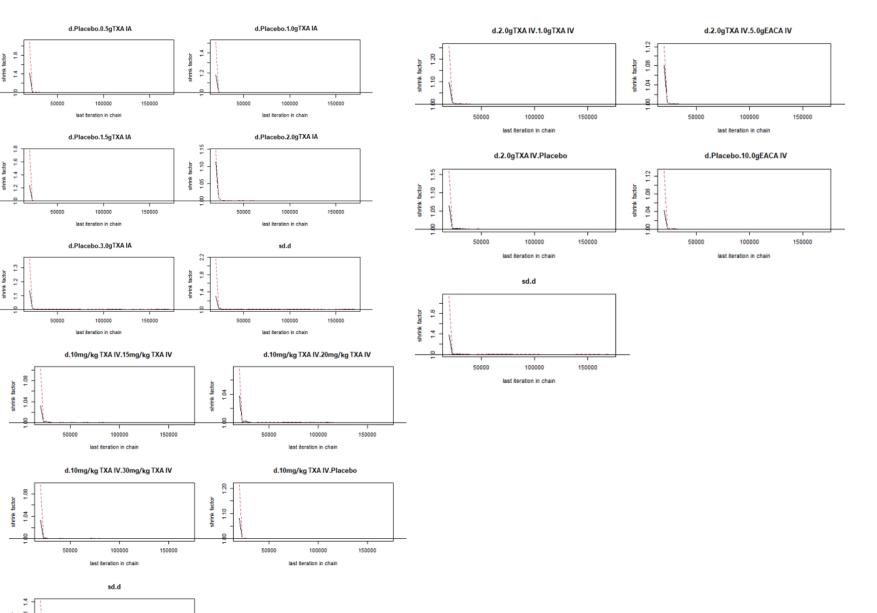
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Supplementary Material 4 (B) b. Brooks-Gelman-Rubin plots of HB drop after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.

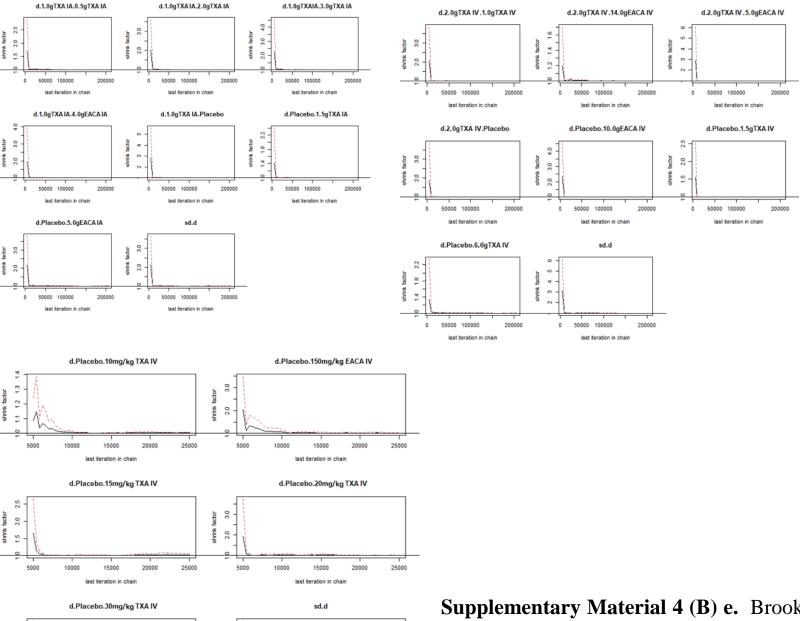




Supplementary Material 4 (B) c. Brooks-Gelman-Rubin plots of transfusion rates after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.



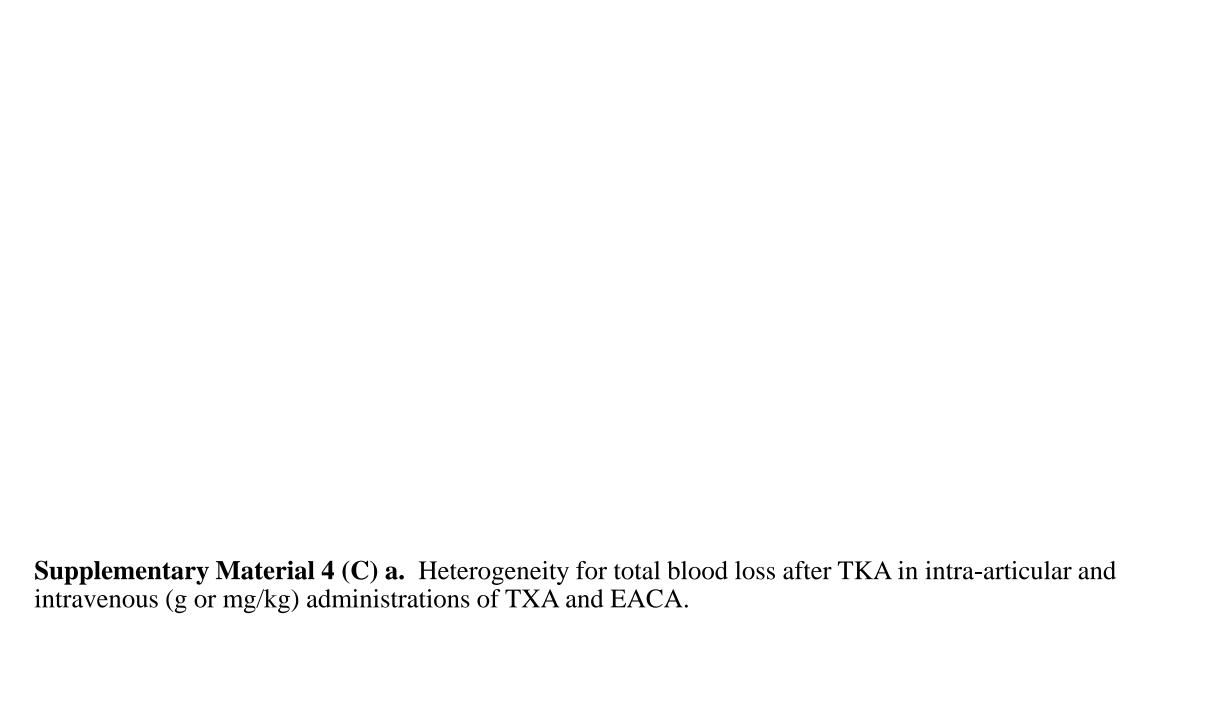
Supplementary Material 4 (B) d. Brooks-Gelman-Rubin plots of drainage volume after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.

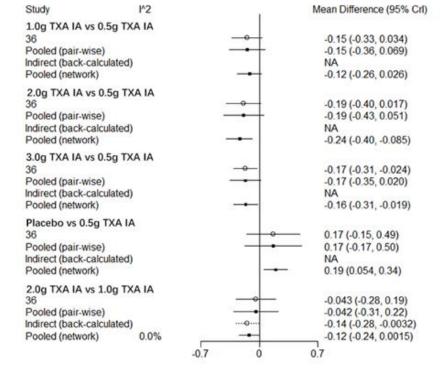


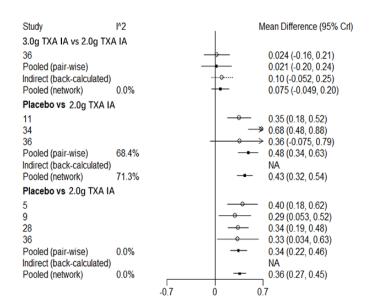
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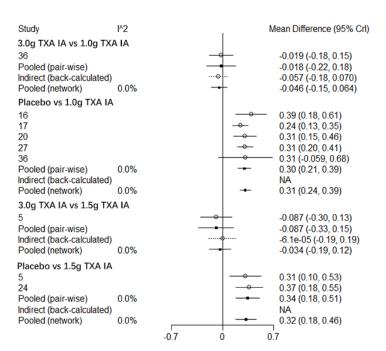
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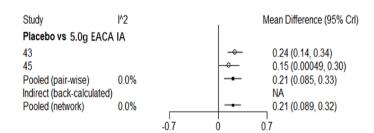
Supplementary Material 4 (B) e. Brooks-Gelman-Rubin plots of PE/DVT rates after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA

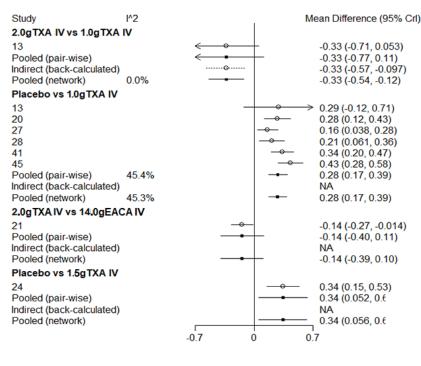


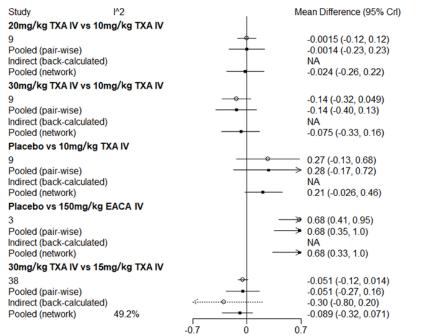


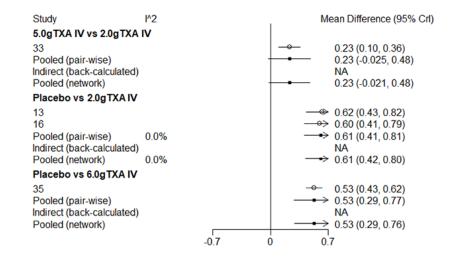


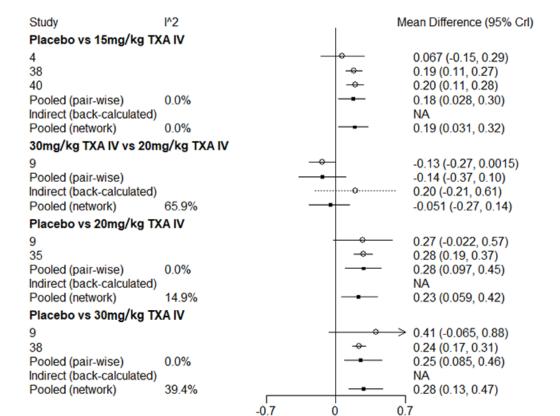


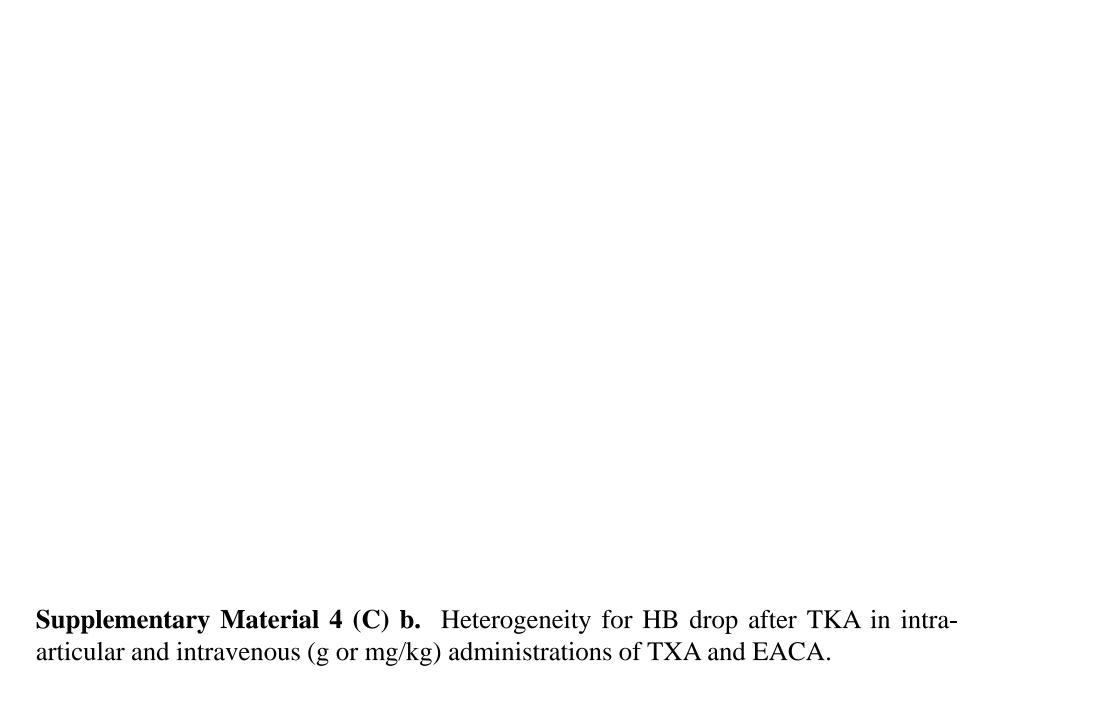


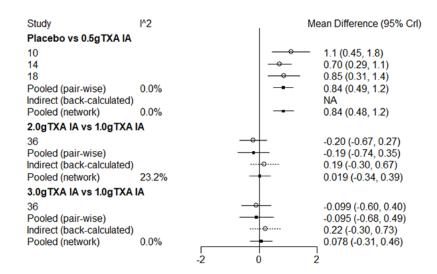


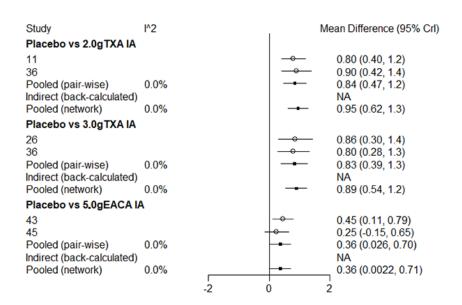


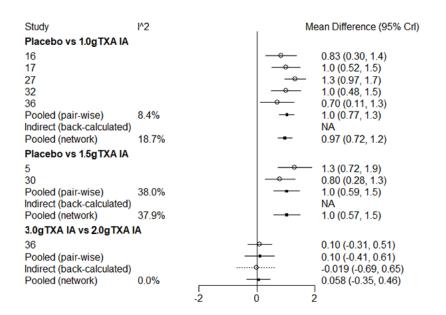


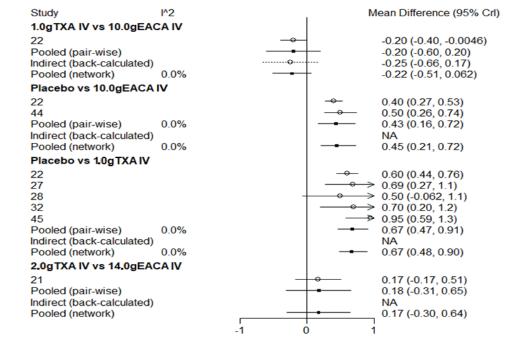












Study I^2

5.0gEACA IV vs 2.0gTXA IV

33

Pooled (pair-wise)

Indirect (back-calculated)

Pooled (network)

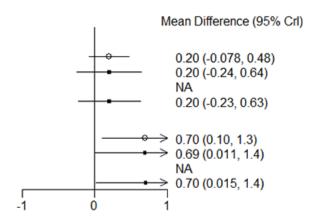
Placebo vs 2.0gTXA IV

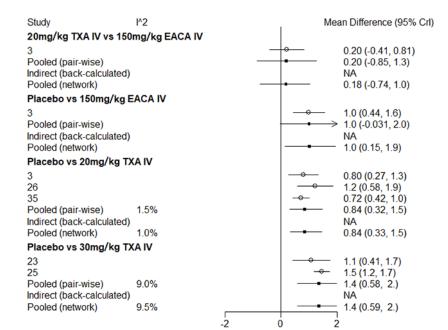
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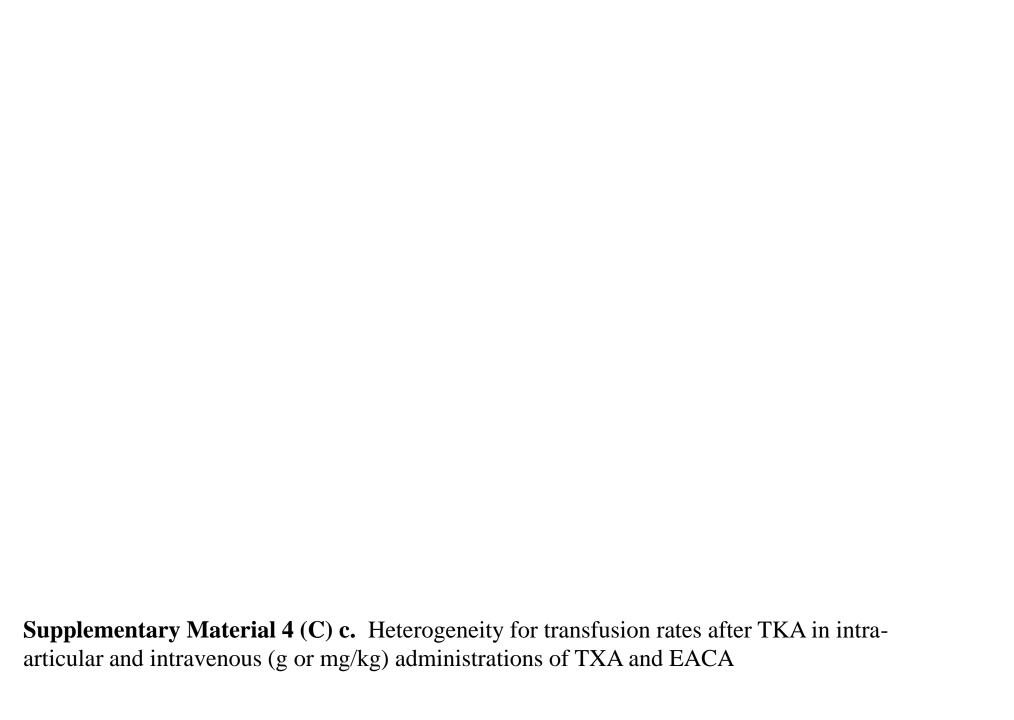
Pooled (pair-wise)

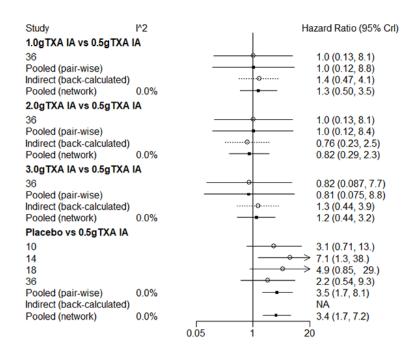
Indirect (back-calculated)

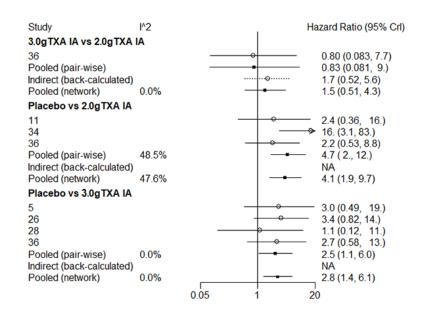
Pooled (network)

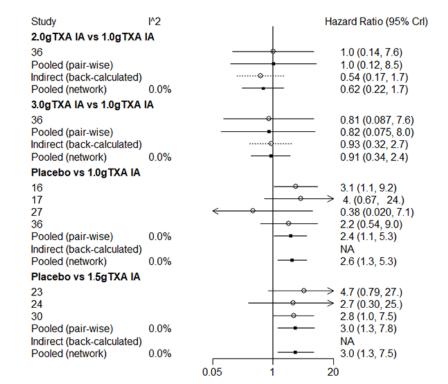


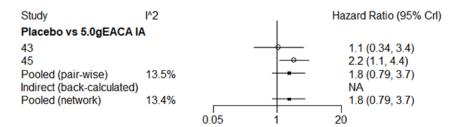


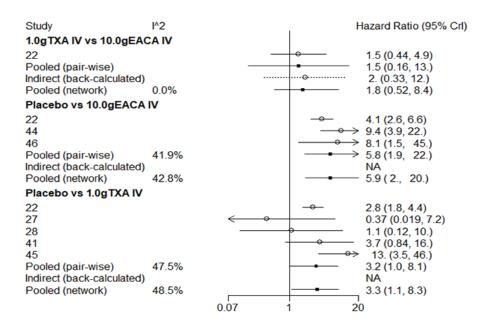


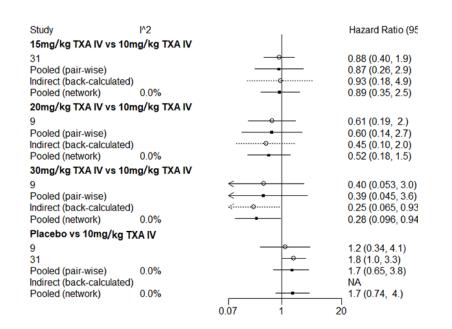


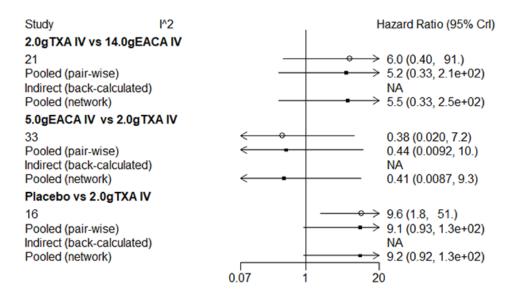


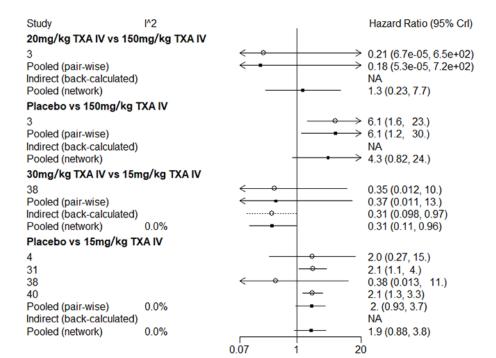


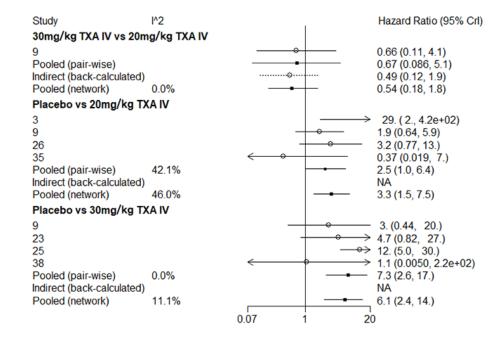






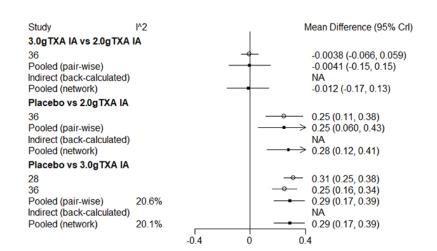


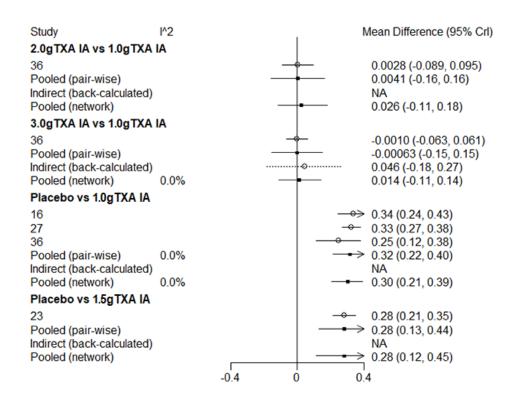


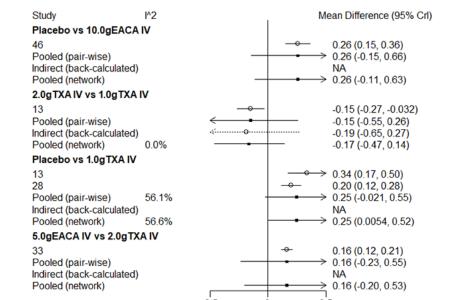


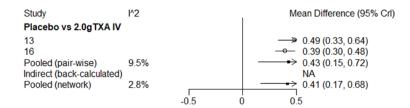
Supplementary Material 4 (C) d. Heterogeneity for drainage volume after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.

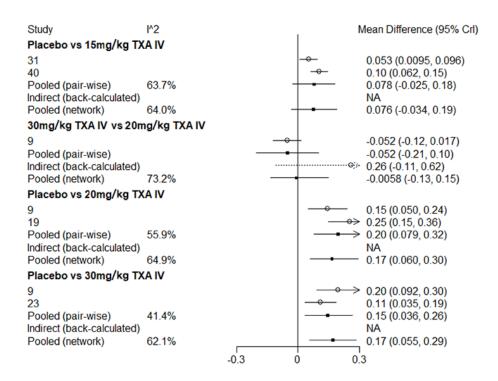
Study I^2 Mean Difference (95% Crl) 1.0gTXA IA vs 0.5gTXA IA -0.027 (-0.15, 0.096) -0.029 (-0.21, 0.15) Pooled (pair-wise) Indirect (back-calculated) -0.12 (-0.32, 0.087) Pooled (network) 0.0% -0.068 (-0.22, 0.050) 2.0gTXA IA vs 0.5gTXA IA -0.024 (-0.15, 0.10) Pooled (pair-wise) -0.025 (-0.21, 0.16) Indirect (back-calculated) NA Pooled (network) -0.042 (-0.21, 0.10) 3.0gTXA IA vs 0.5gTXA IA -0.028 (-0.11, 0.055) Pooled (pair-wise) -0.029 (-0.18, 0.13) Indirect (back-calculated) -0.15 (-0.47, 0.16) Pooled (network) 0.0% -0.054 (-0.21, 0.071) Placebo vs 0.5gTXA IA 14 0.12 (-0.061, 0.29) 36 0.22 (0.045, 0.40) Pooled (pair-wise) 0.0% 0.17 (0.016, 0.33) Indirect (back-calculated) NA Pooled (network) 41.1% 0.23 (0.090, 0.34)

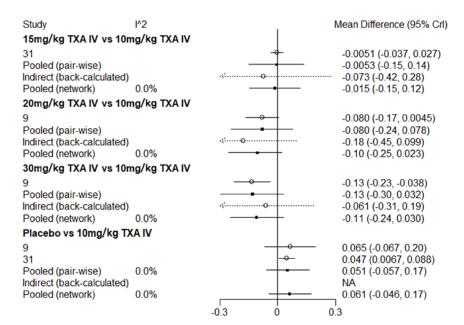


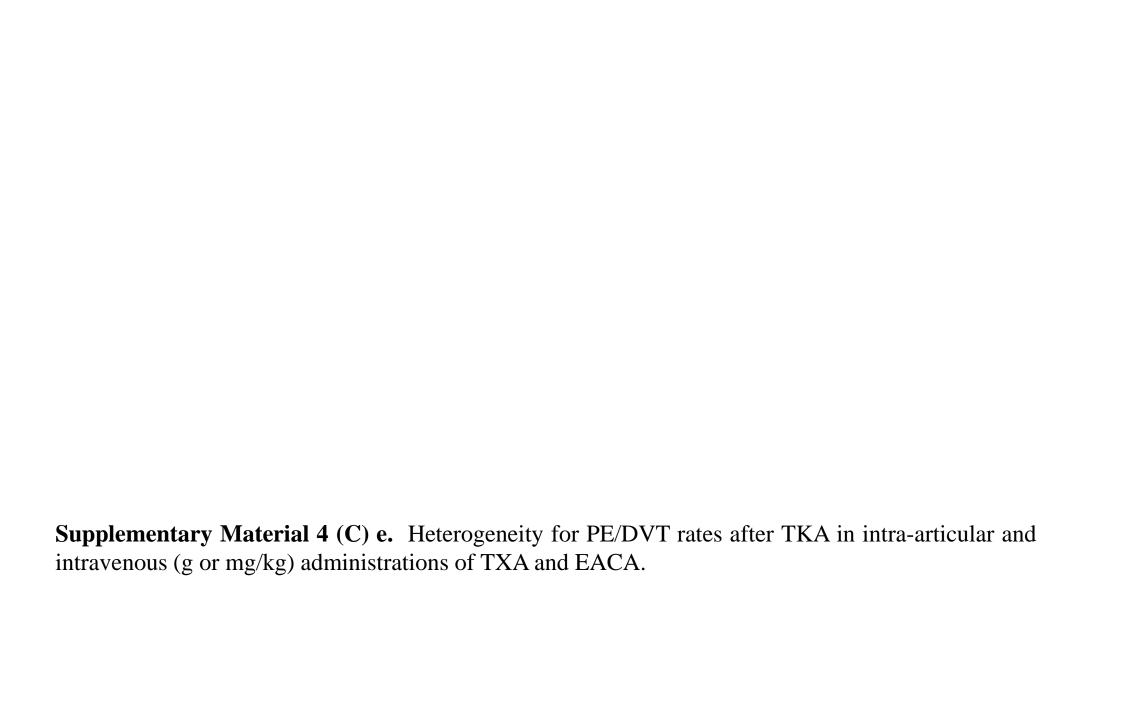


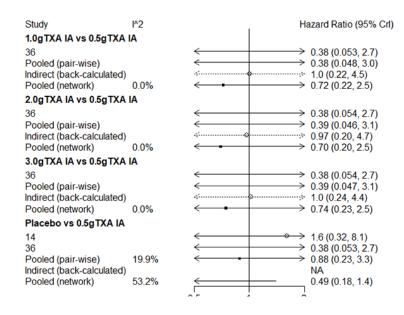


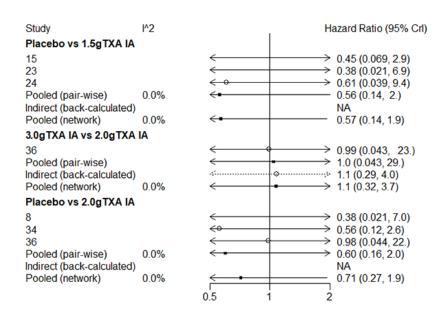


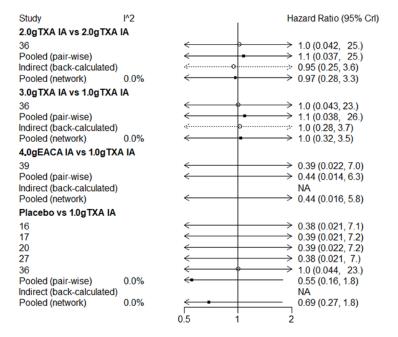


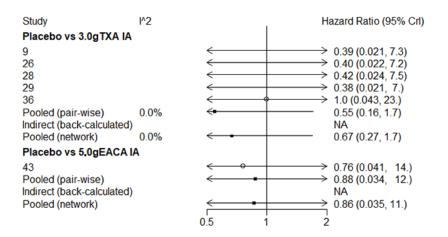


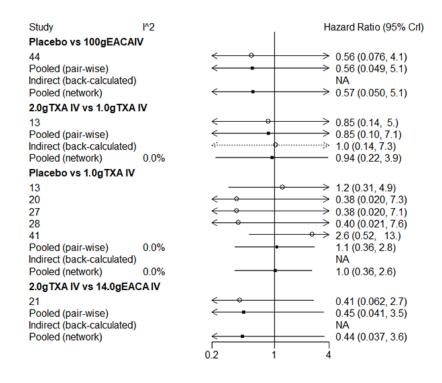


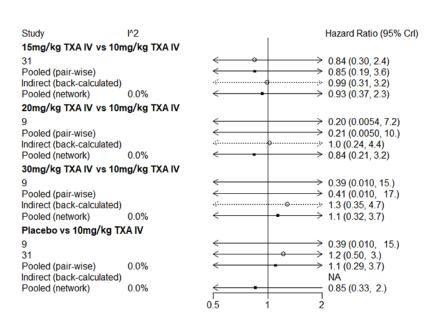


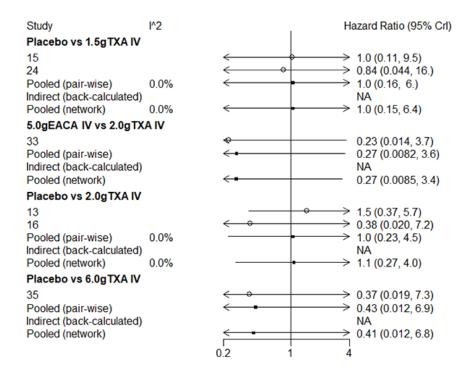


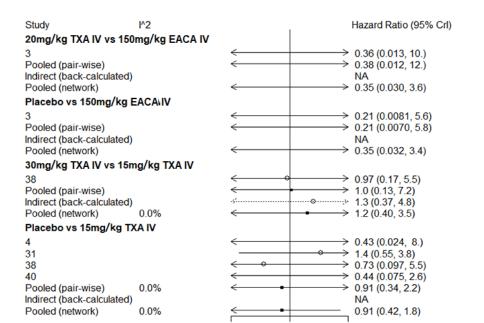


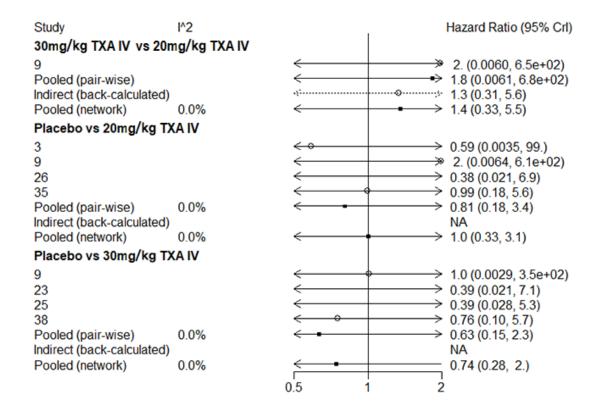


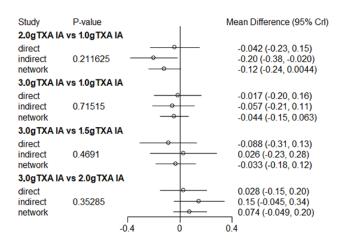


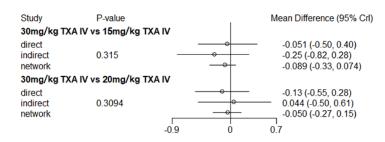


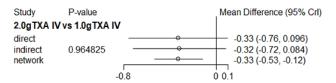




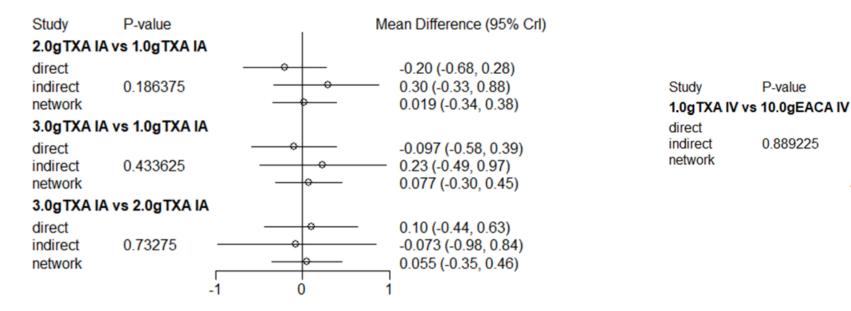








Supplementary Material 4 (D) a. Node-Splitting Method for total blood loss after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.



Mean Difference (95% Crl)

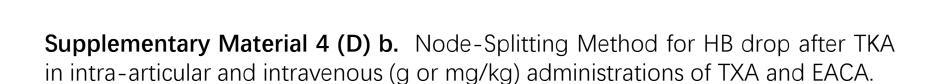
-0.20 (-0.87, 0.49)

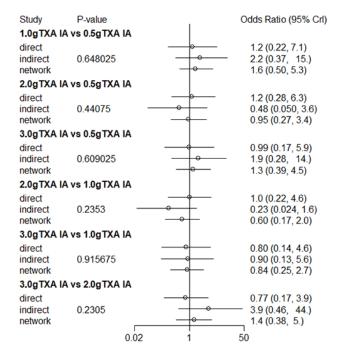
-0.22 (-0.53, 0.072)

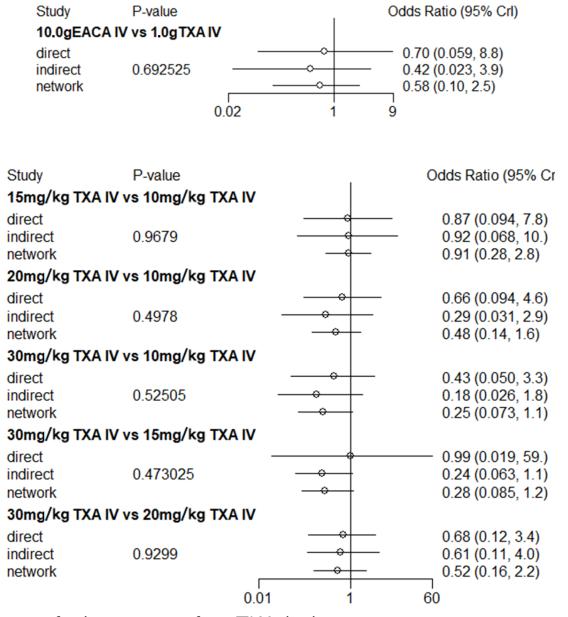
-0.24 (-1.0, 0.58)

0.6

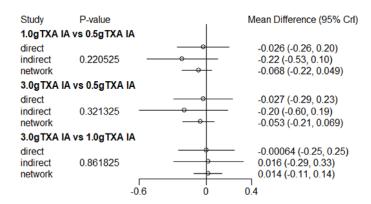
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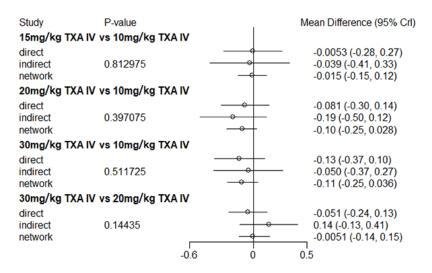


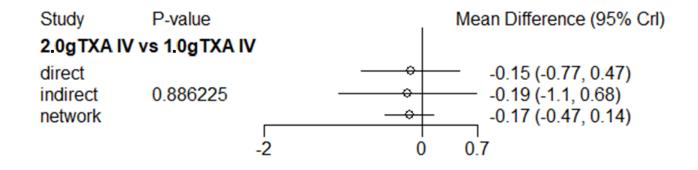




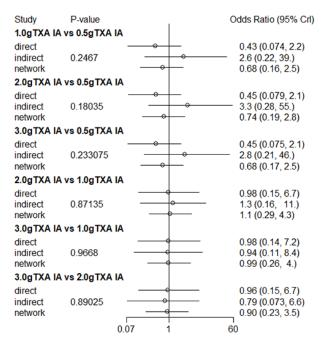
Supplementary Material 4 (D) c. Node-Splitting Method for transfusion rates after TKA in intraarticular and intravenous (g or mg/kg) administrations of TXA and EACA.

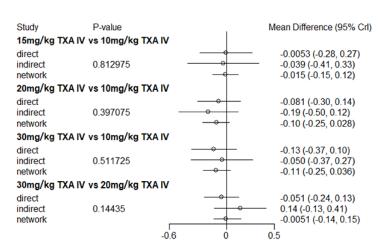


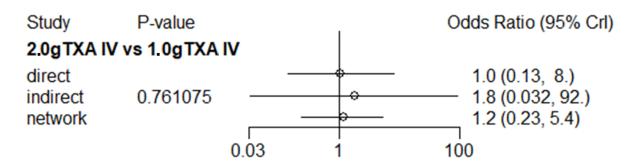




Supplementary Material 4 (D) d. Node-Splitting Method for drainage volume after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.







Supplementary Material 4 (D) e. Node-Splitting Method for PE/DVT rates after TKA in intra-articular and intravenous (g or mg/kg) administrations of TXA and EACA.