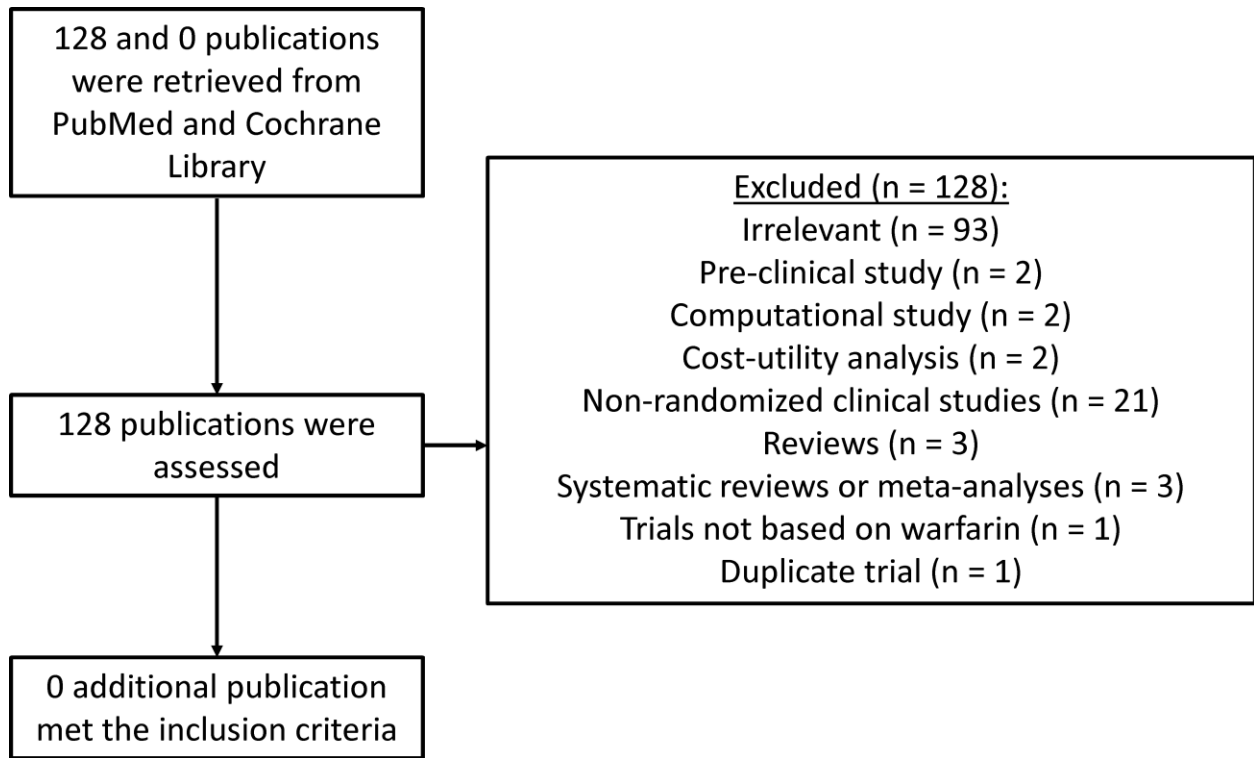
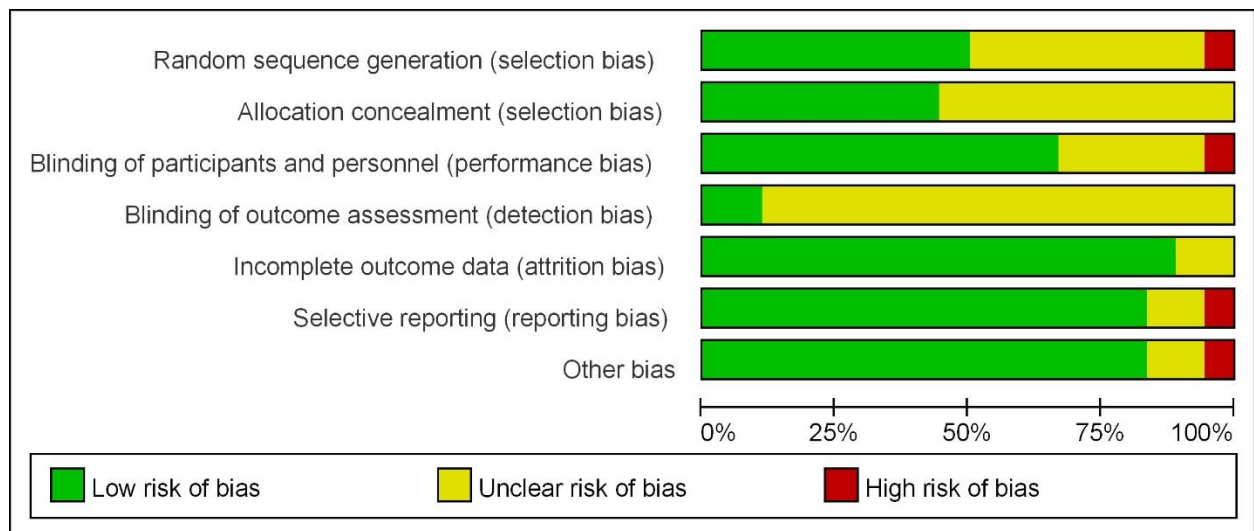


Supplementary Figures



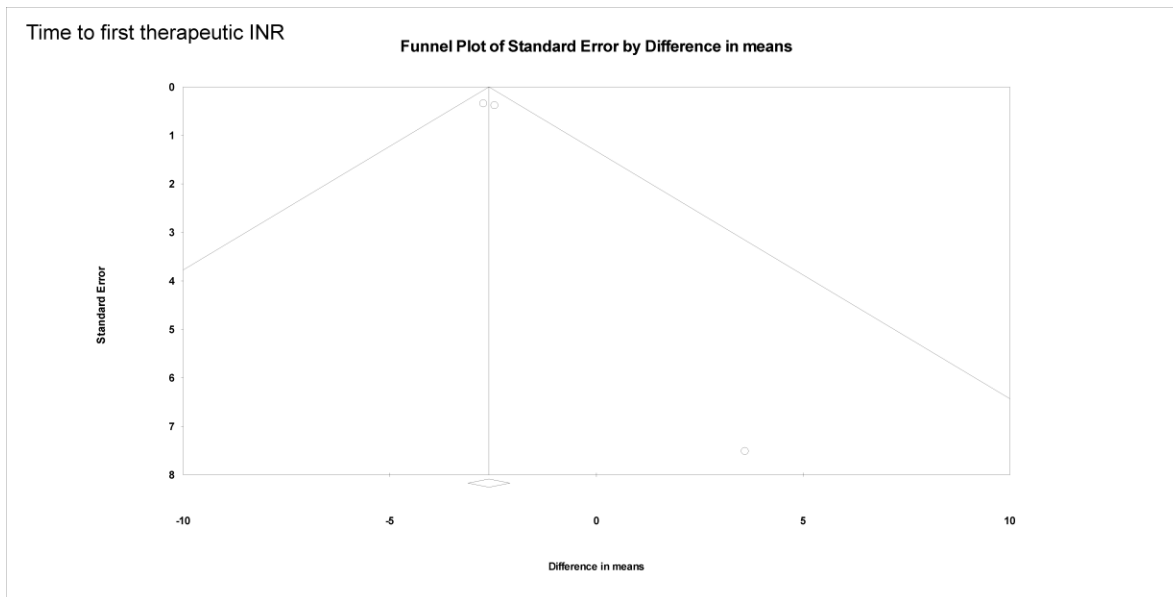
Supplementary Figure 1. Additional search using more detailed search terms from February 2017 to March 2018.



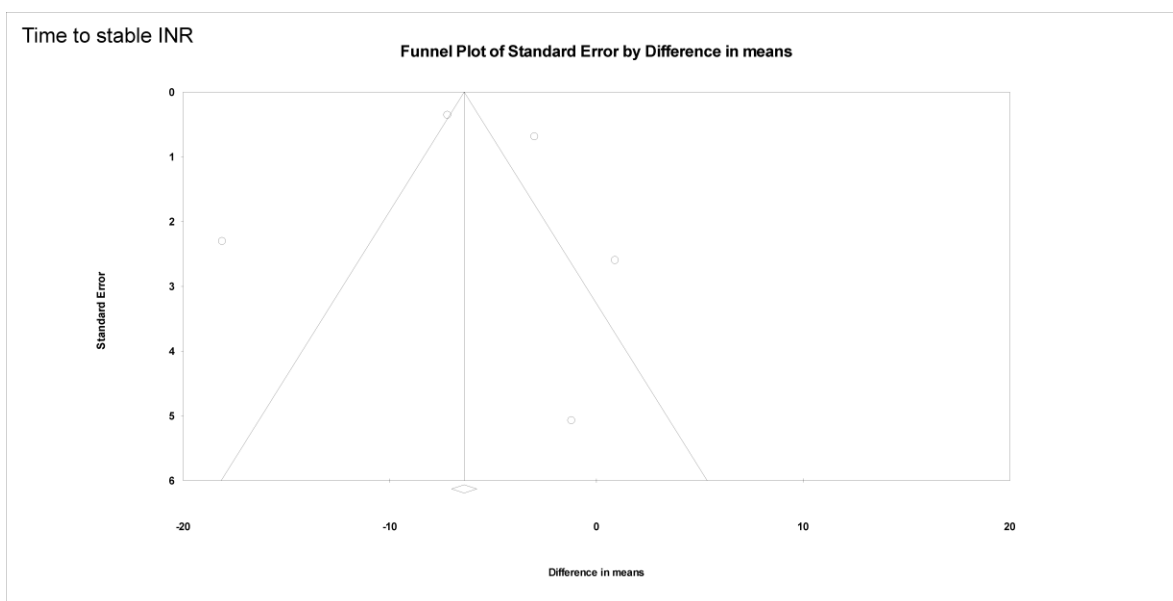
Supplementary Figure 2. Risk of bias graph using the Cochrane Risk Assessment Tool.

	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Anderson 2007	?	?	+	?	+	+	+
Borgman 2012	?	?	?	?	+	+	+
Burmester 2011	+	+	-	+	+	+	+
Caraco 2008	-	?	?	?	+	-	+
Duan 2016	?	?	?	?	?	?	?
Gage 2017	+	+	+	?	+	+	+
Hillman 2005	+	+	+	?	+	+	+
Huang 2009	?	?	+	?	+	+	+
Jin 2017	?	?	+	?	+	+	+
Jonas 2013	+	+	+	+	+	+	+
Kimmel 2013	+	?	+	?	+	+	+
Li 2013	+	+	+	?	+	+	+
Pengo 2015	?	?	+	?	+	+	-
Pirmohamed 2013	+	+	+	?	+	+	+
Radhakrishnan 2012	?	?	?	?	?	?	?
Suppe 2015	?	?	?	?	+	+	+
Wang 2012	+	+	+	?	+	+	+
Wen 2017	+	+	+	?	+	+	+

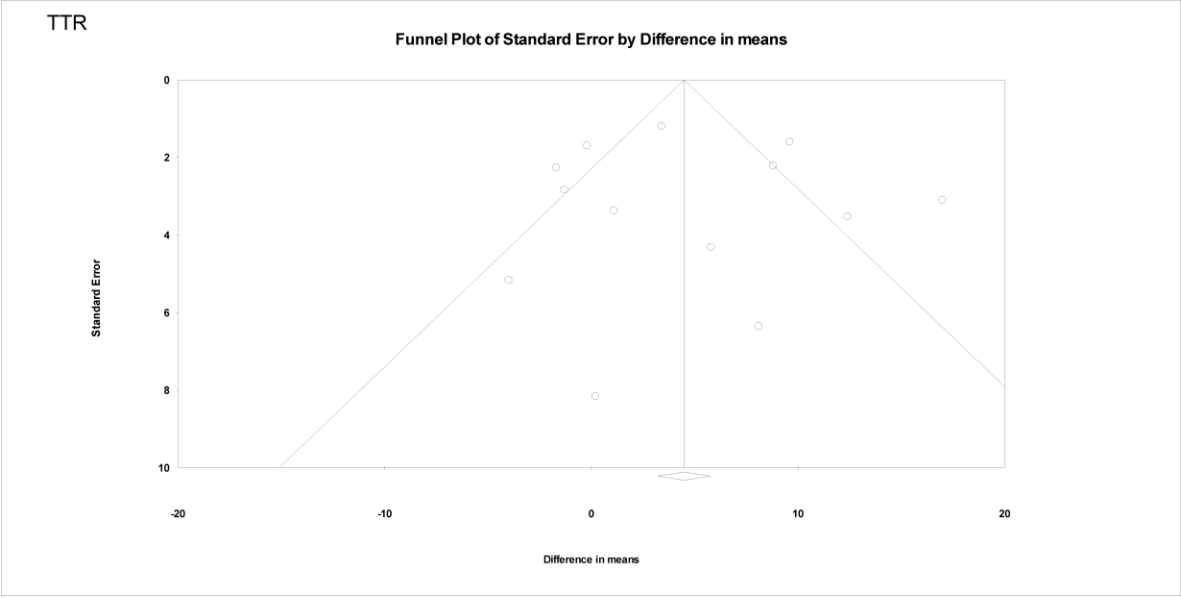
Supplementary Figure 3. Risk of bias summary using the Cochrane Risk Assessment Tool.



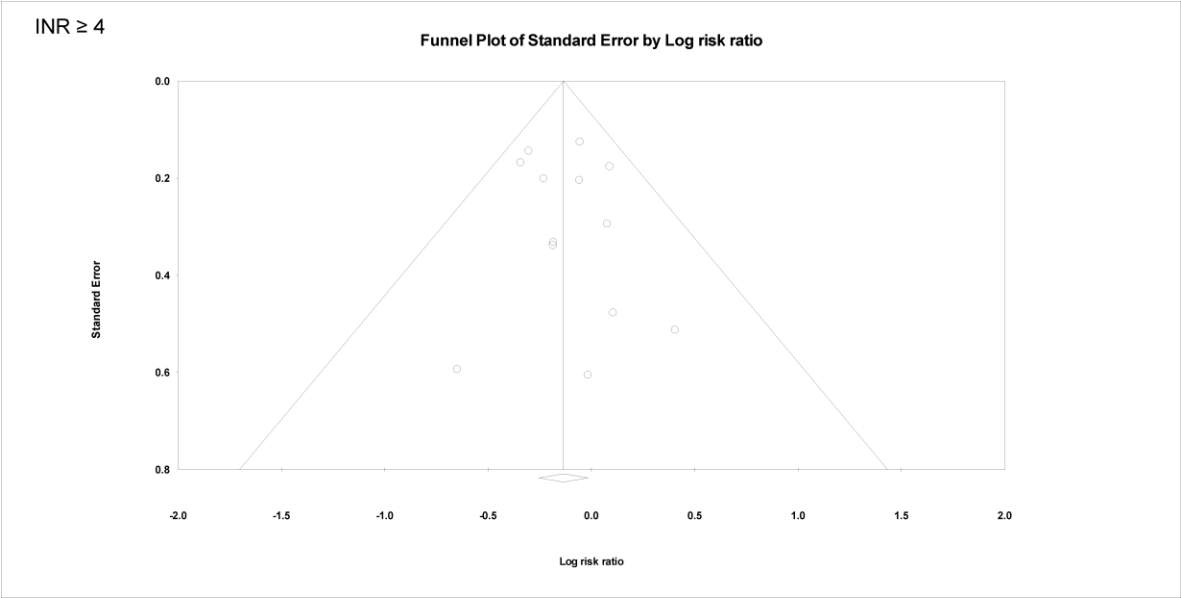
Supplementary Figure 4. Funnel plot for time-to-first therapeutic INR.



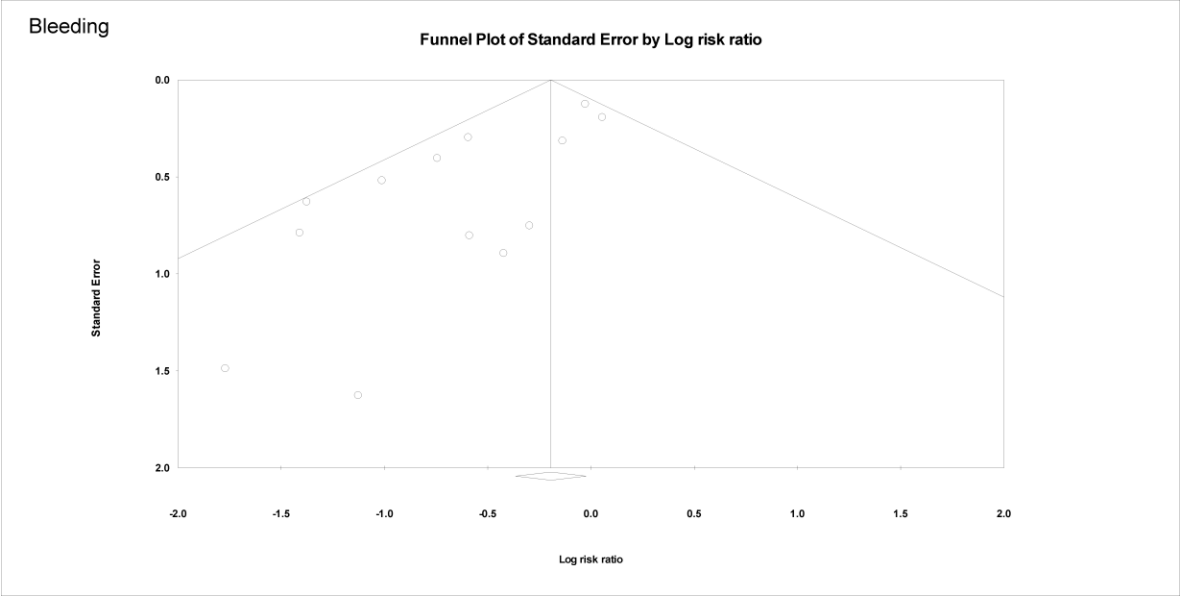
Supplementary Figure 5. Funnel plot for time-to-first stable INR.



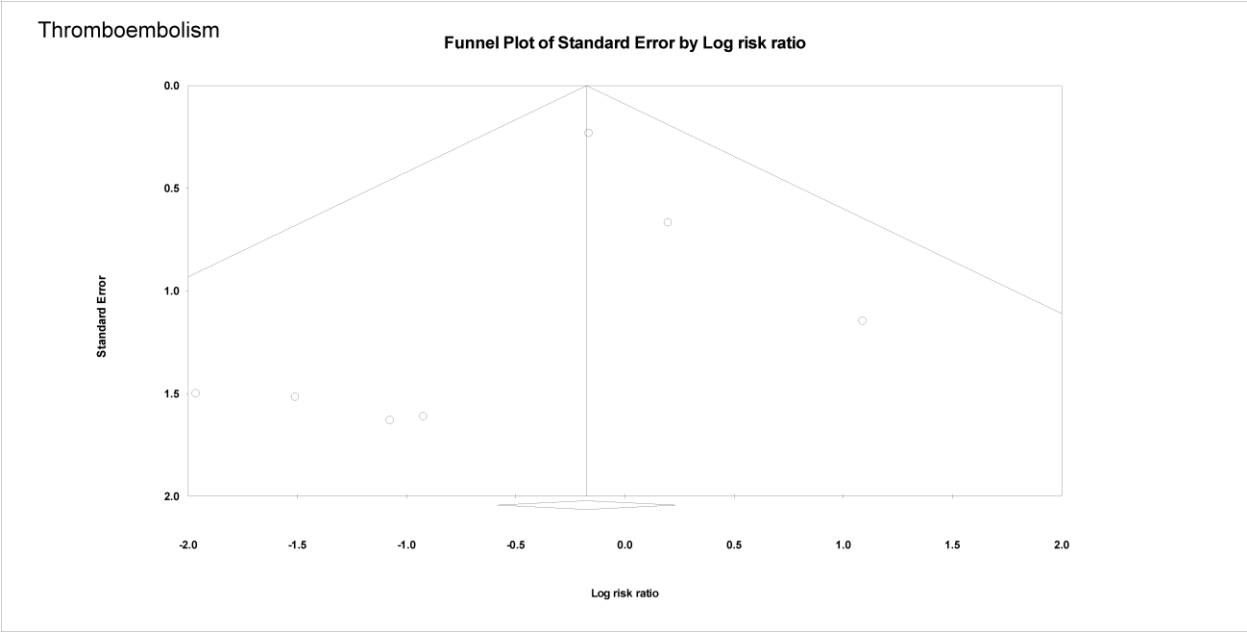
Supplementary Figure 6. Funnel plot for TTR.



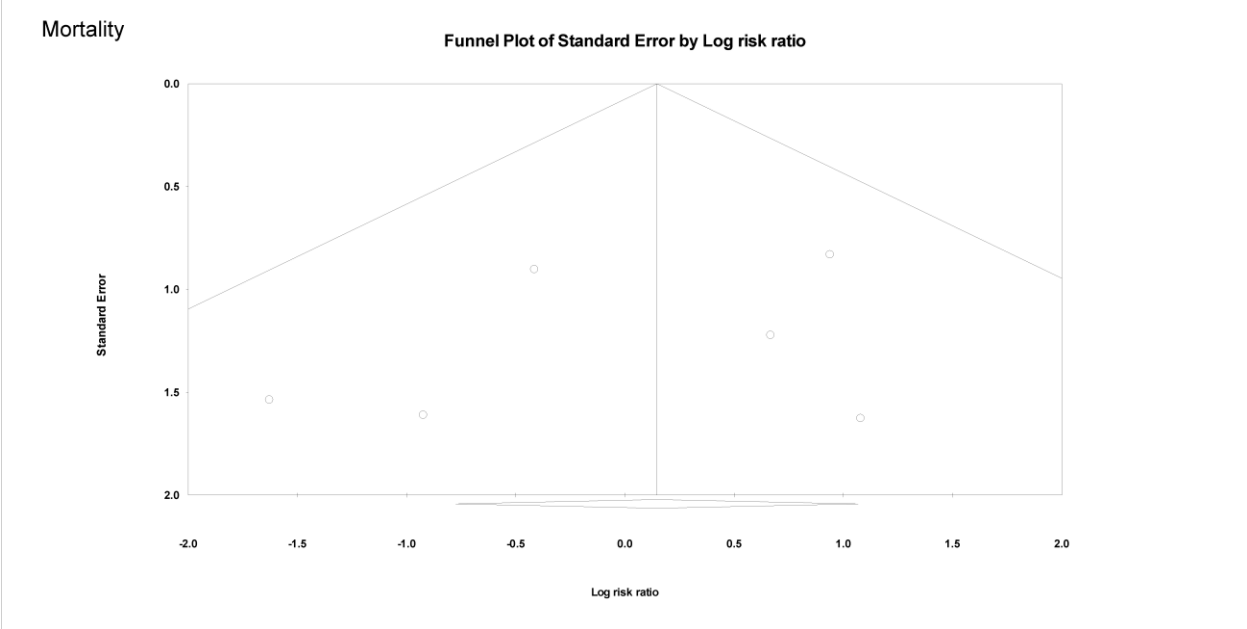
Supplementary Figure 7. Funnel plot for INR \geq 4.



Supplementary Figure 8. Funnel plot for bleeding.

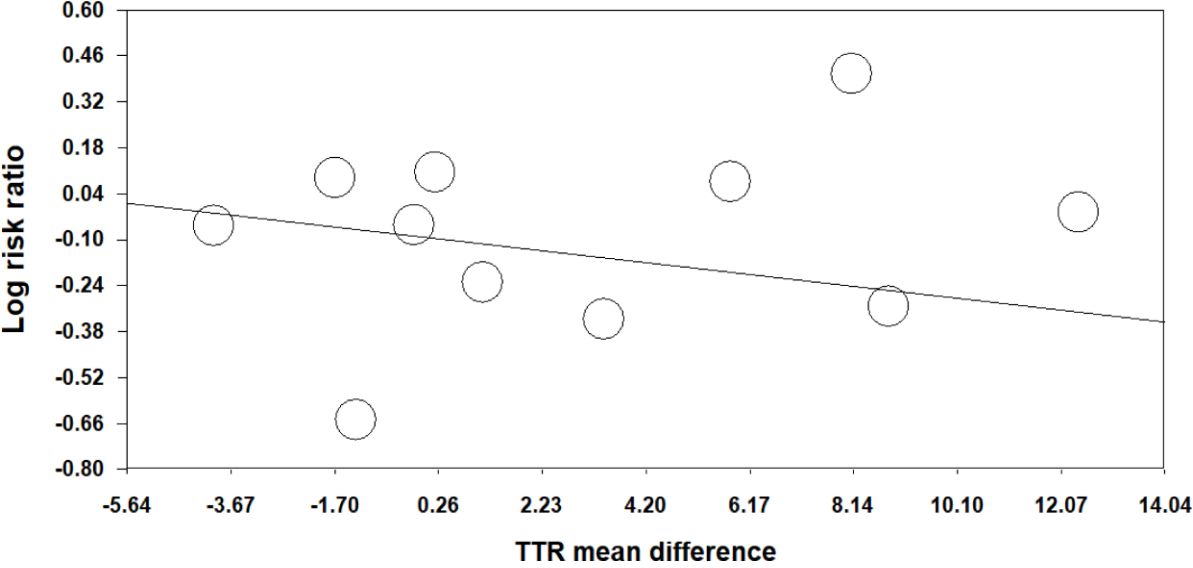


Supplementary Figure 9. Funnel plot for thromboembolism.



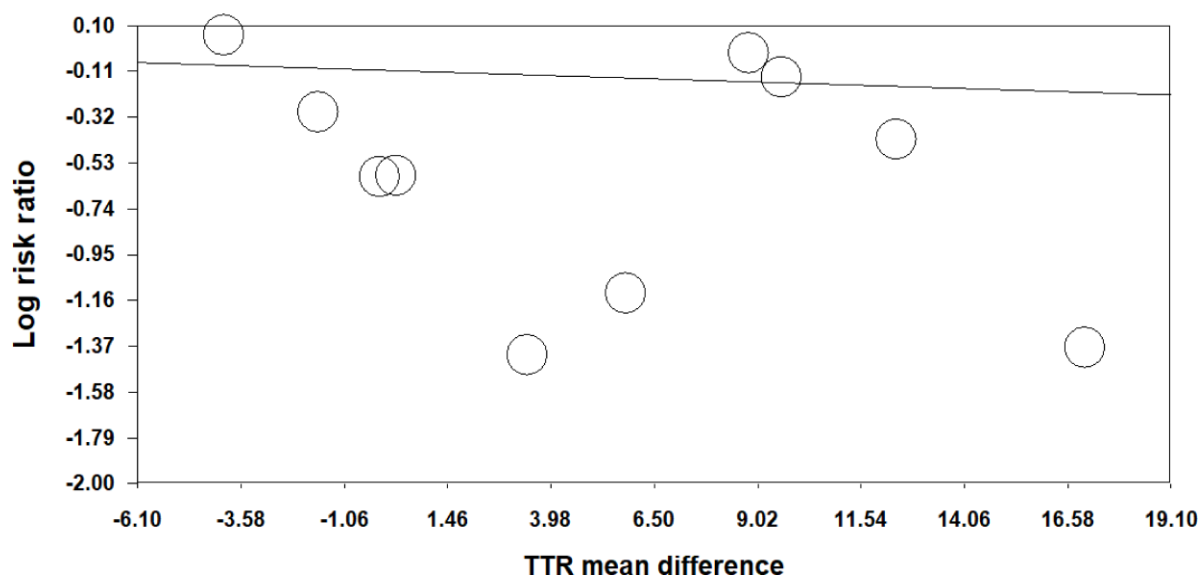
Supplementary Figure 10. Funnel plot for mortality.

Meta-regression of TTR mean difference on the logarithm of risk ratio for INR ≥ 4



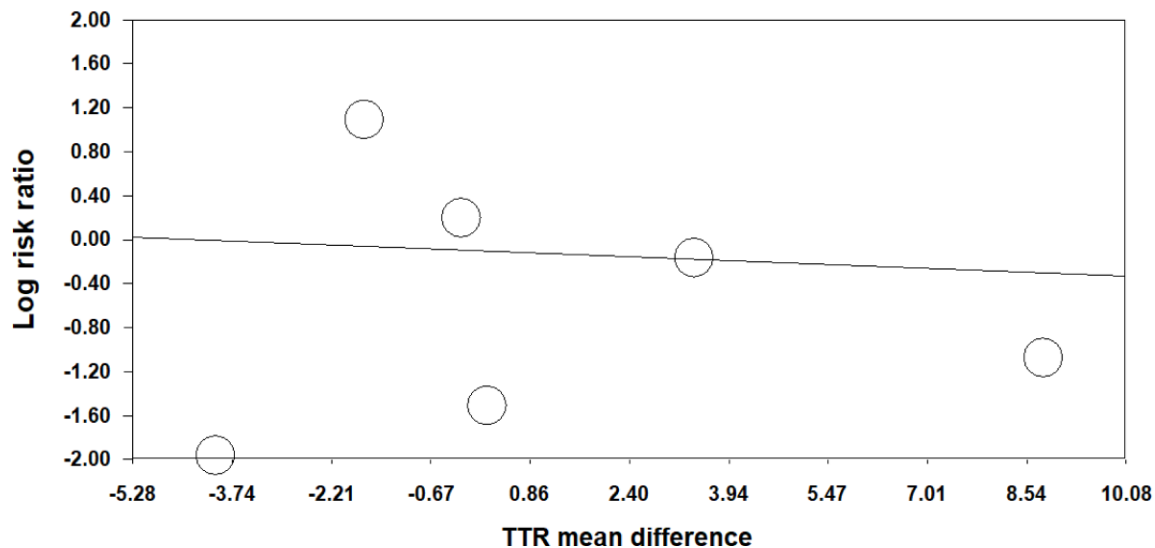
Supplementary Figure 11. meta-regression of TTR mean difference on the logarithm of risk ratio for INR ≥ 4.

Meta-regression of TTR mean difference on the logarithm of risk ratio for bleeding



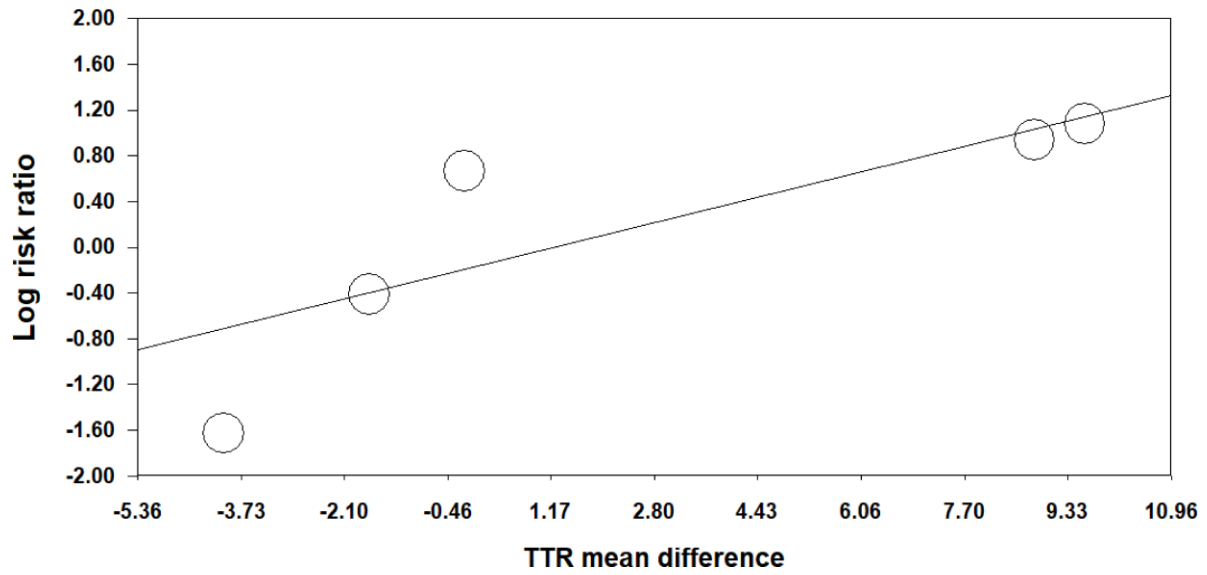
Supplementary Figure 12. meta-regression of TTR mean difference on the logarithm of risk ratio for bleeding.

Meta-regression of TTR mean difference on the logarithm of risk ratio for thromboembolism



Supplementary Figure 13. meta-regression of TTR mean difference on the logarithm of risk ratio for thromboembolism.

Meta-regression of TTR mean difference on the logarithm of risk ratio for mortality



Supplementary Figure 14. meta-regression of TTR mean difference on the logarithm of risk ratio for mortality.