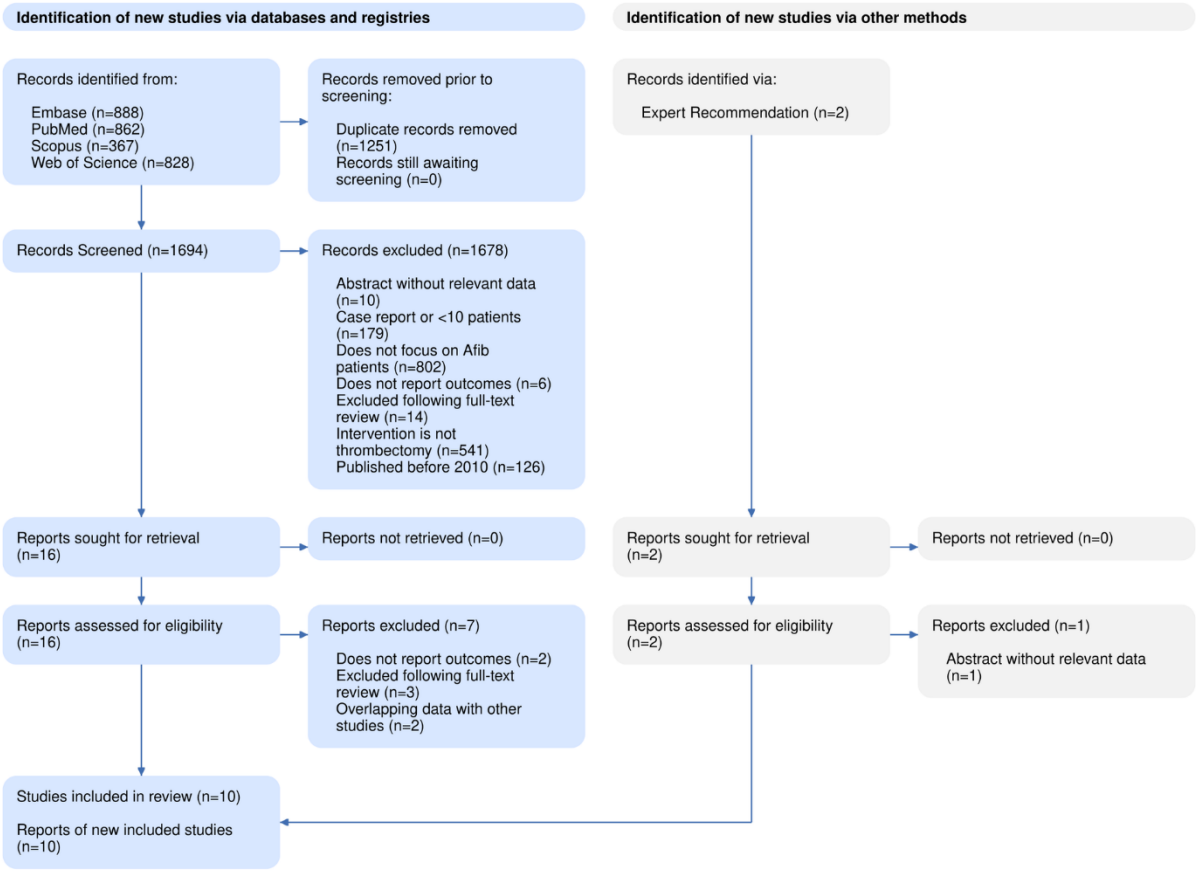
Supplemental Online Content

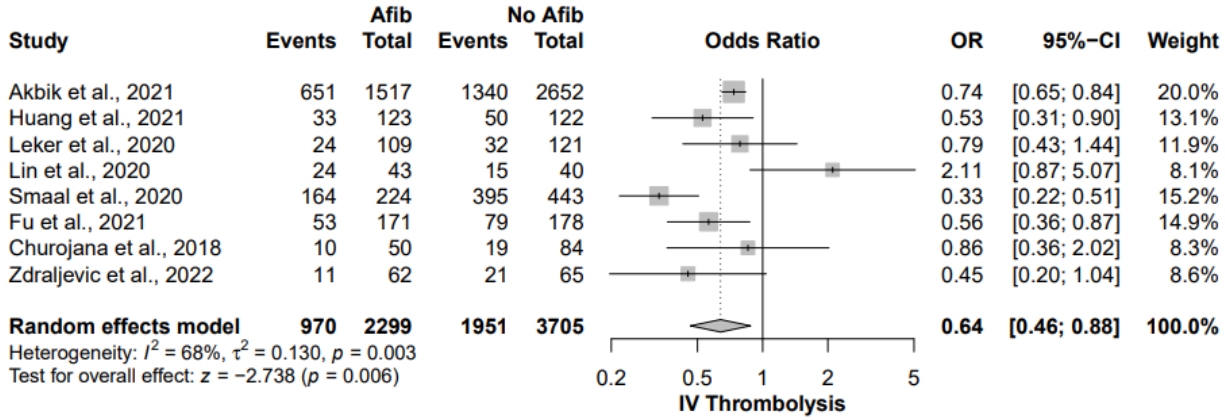
Kobeissi H, Ghozy S, Seymour T, et al. Outcomes of patients with atrial fibrillation following thrombectomy for stroke: a systematic review and meta-analysis. *JAMA Netw Open*. 2023;6(1):e2249993. doi:10.1001/jamanetworkopen.2022.49993

This supplemental material has been provided by the authors to give readers additional information about their work.

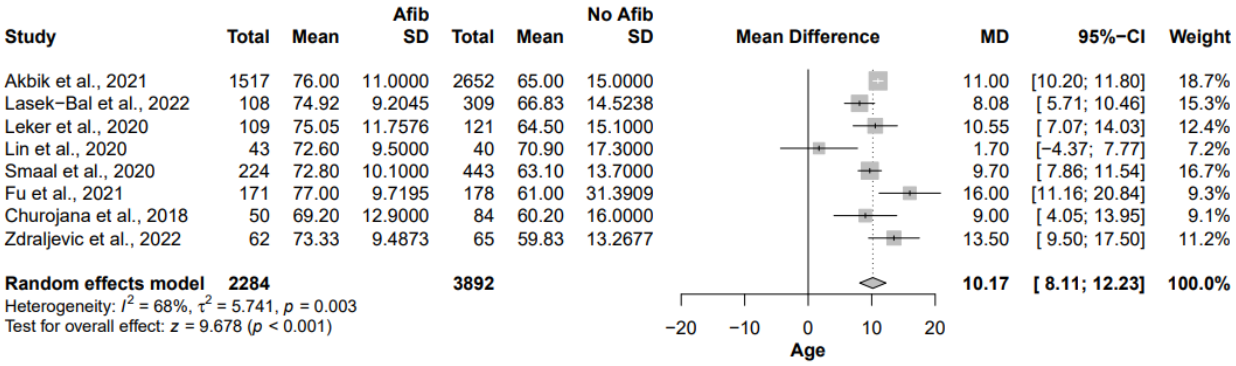
eFigure 1. Flowchart Detailing the Literature Review Process



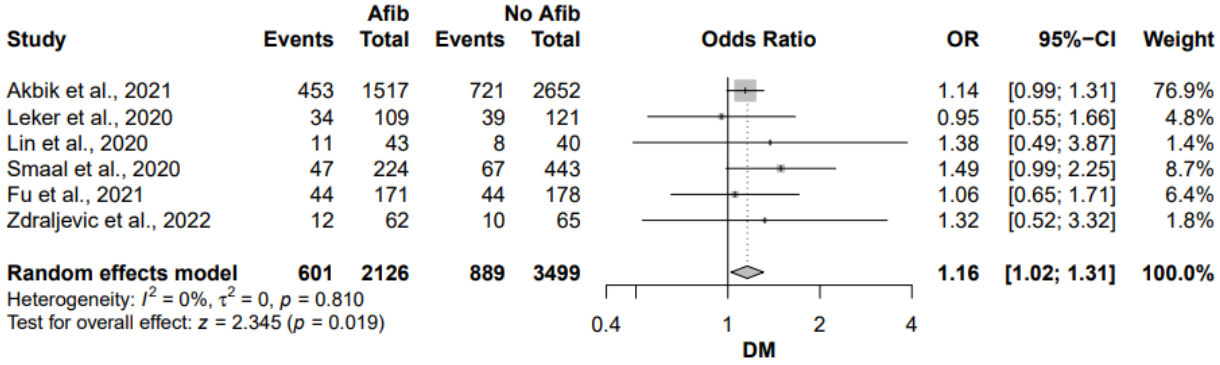
eFigure 2. Forest Plot of Odds of IV Thrombolysis



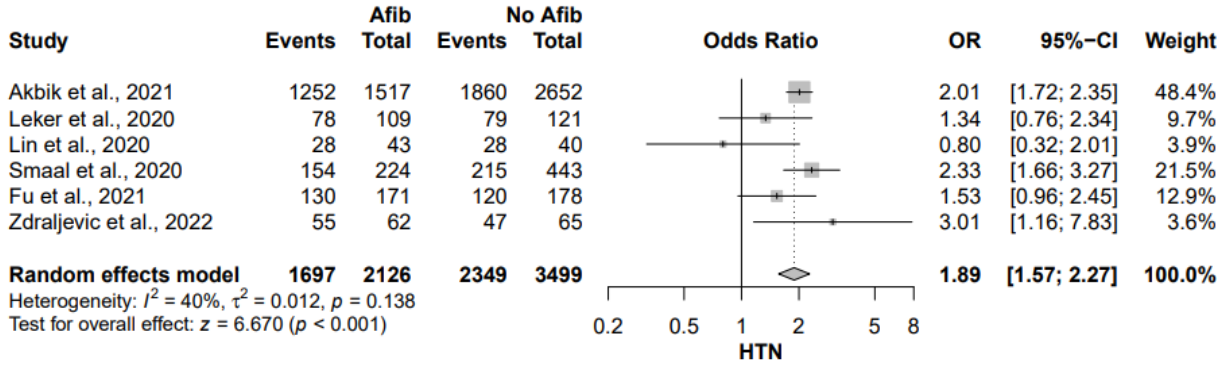
eFigure 3. Forest Plot of Differences in Age



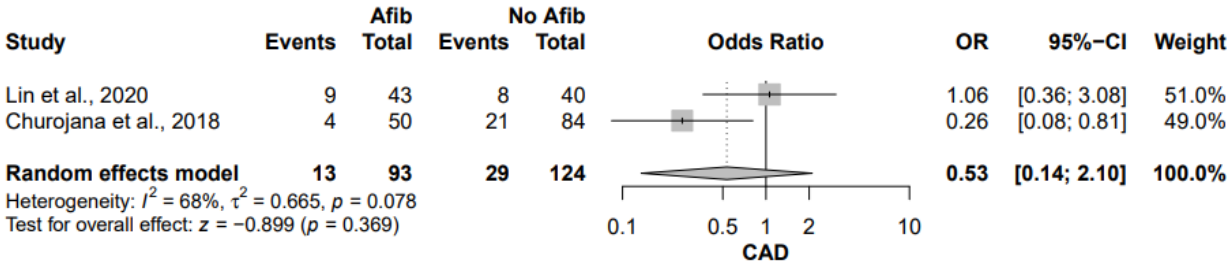
eFigure 4. Forest Plot of Odds of Diabetes



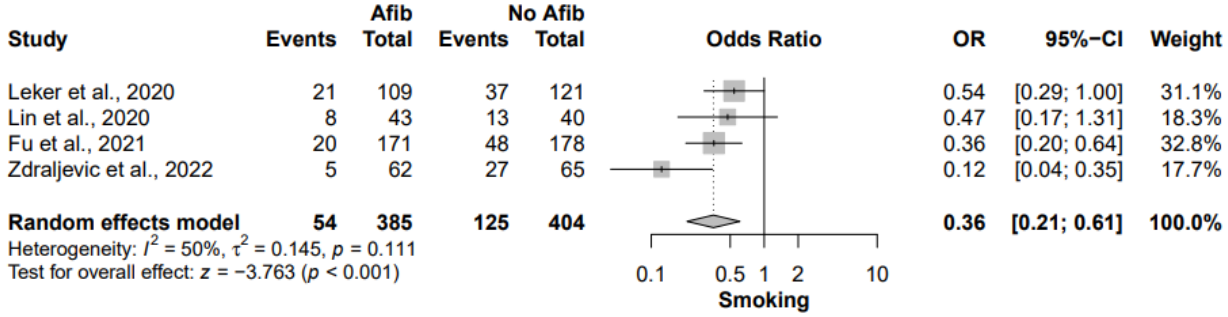
eFigure 5. Forest Plot of Odds of Hypertension



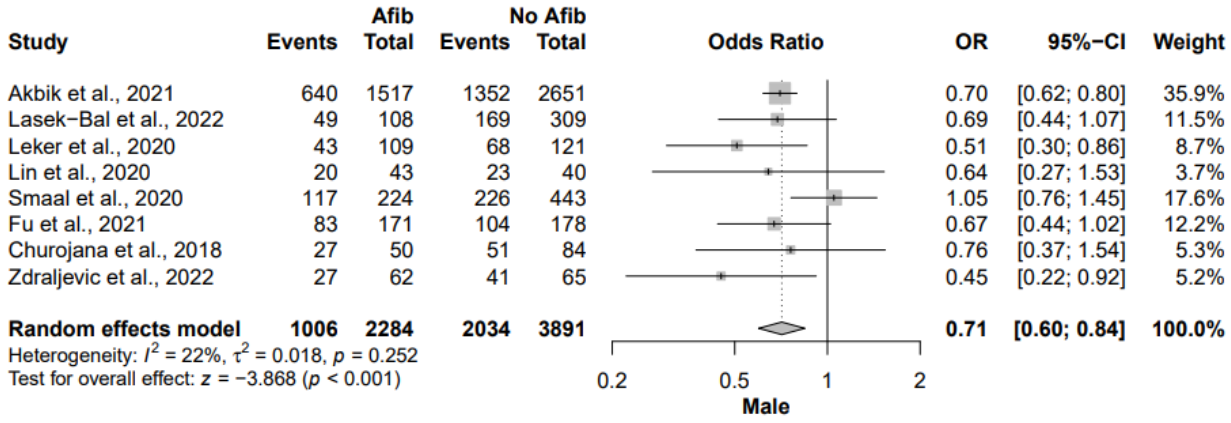
eFigure 6. Forest Plot of Odds of Coronary Artery Disease



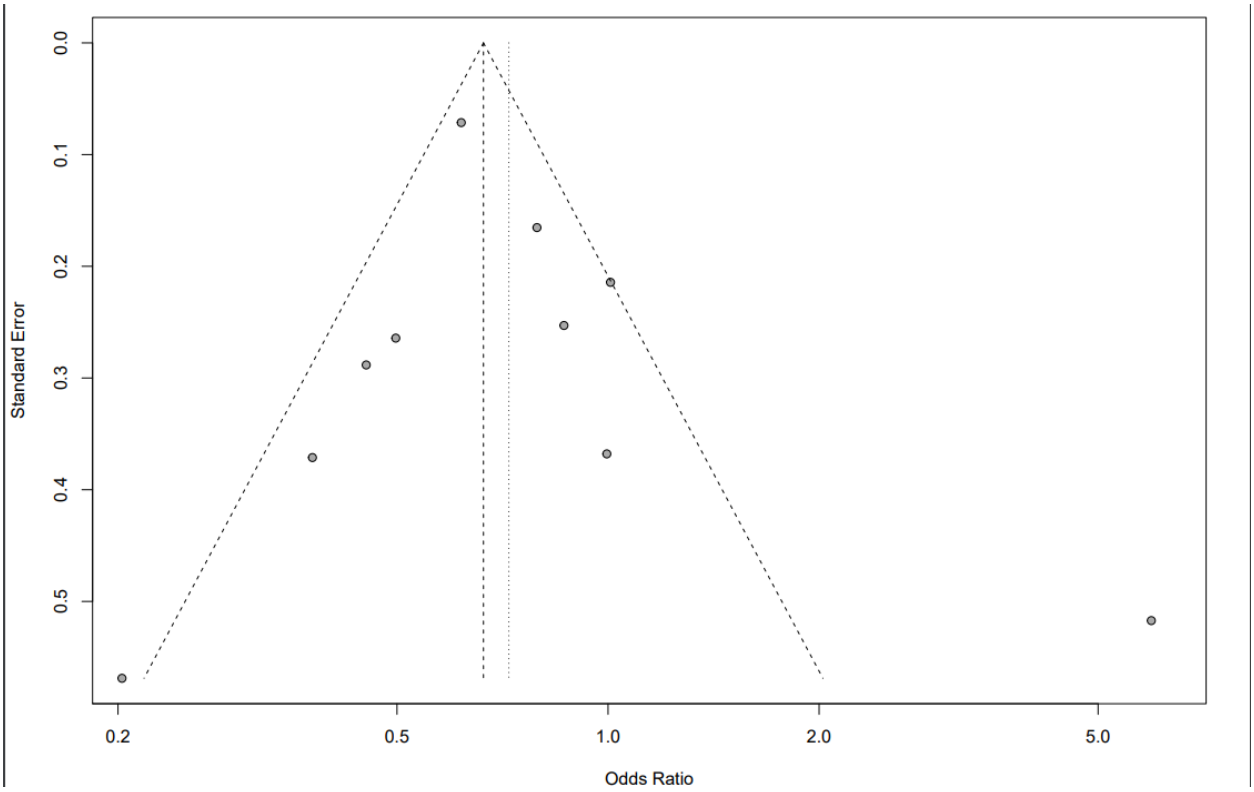
eFigure 7. Forest Plot of Odds of Smoking



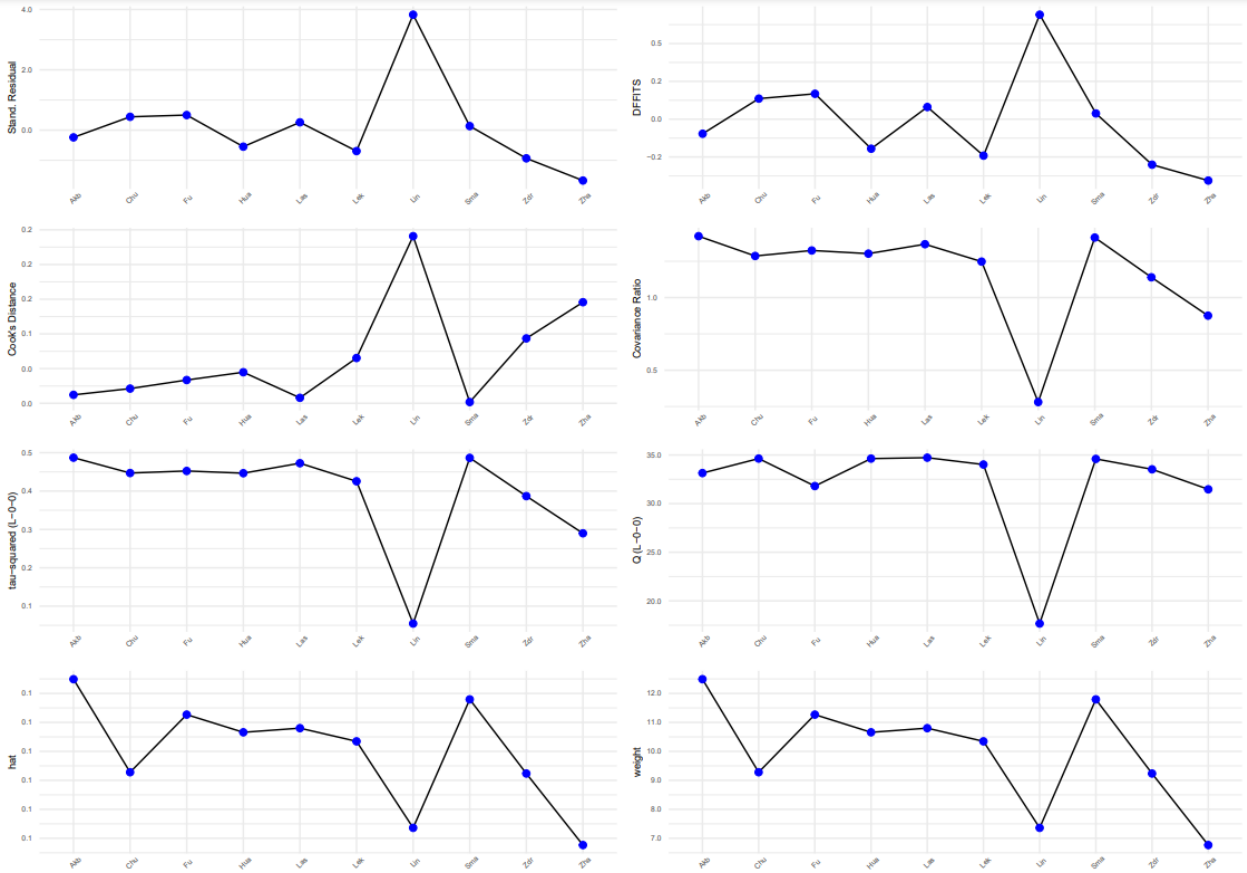
eFigure 8. Forest Plot of Odds of Male Sex



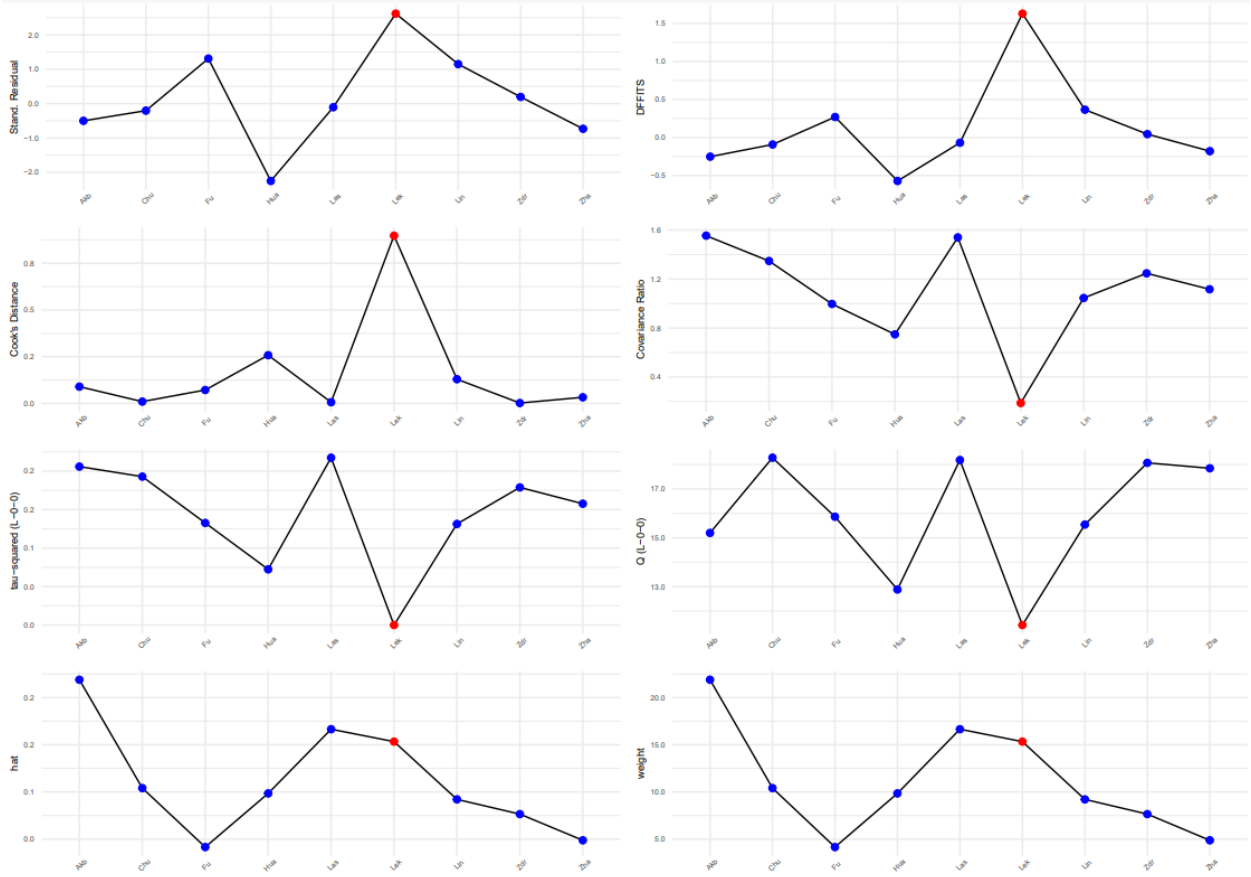
eFigure 9. Funnel Plot for 90-Day mRS 0-2 Analysis



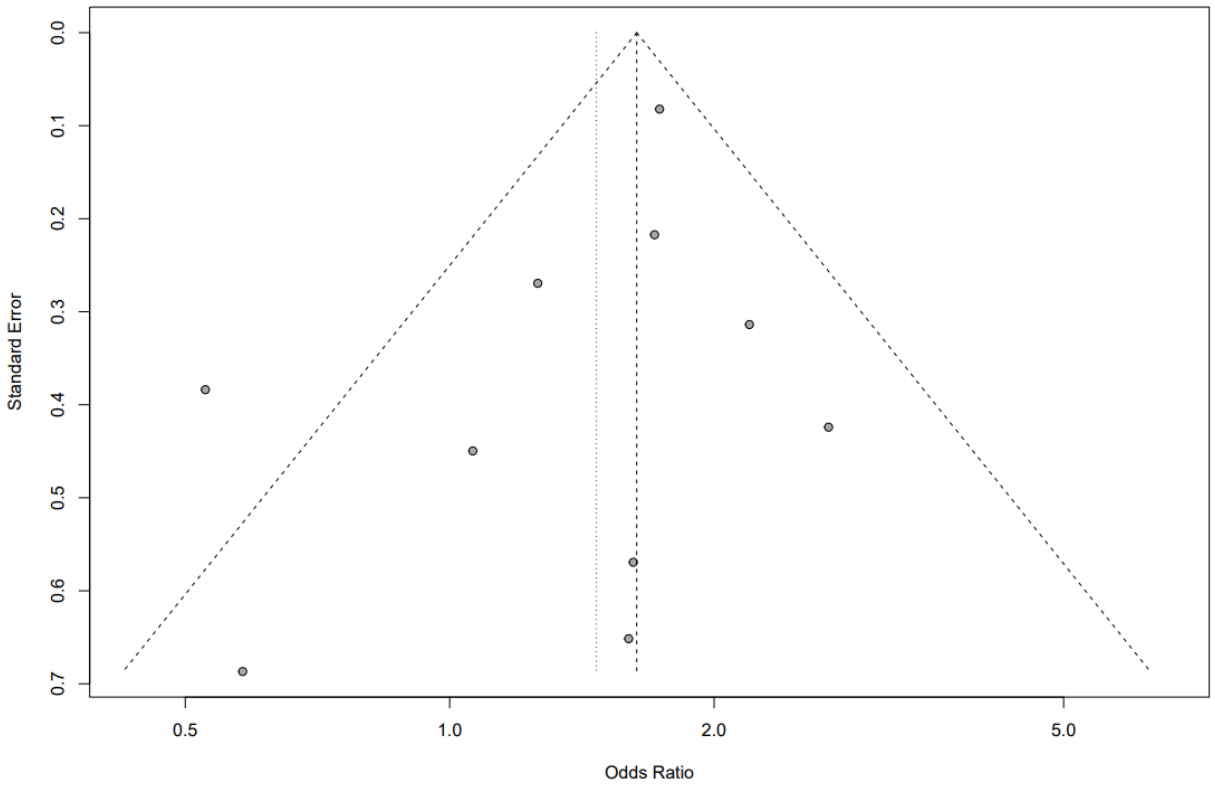
eFigure 10. Influence Diagnostics to Identify Outlier Studies in 90-Day mRS 0-2 Analysis



eFigure 11. Influence Analysis to Identify Outlier Studies in TICI 2b-3 Analysis



eFigure 12. Funnel Plot for Mortality Analysis



eAppendix. Search Strategy

Web of Science: ((TS=(((((("stroke" OR "stroke") OR "strokes") OR "stroke s") OR ((((("cerebral infarction" OR ("cerebral" AND "infarction")) OR "cerebral infarction") OR ("cerebral" AND "infarct")) OR "cerebral infarct")) OR (((((((((("infarctation" OR "infarcted") OR "infarctic") OR "infarcting") OR "infarction") OR "infarction") OR "infarct") OR "infarctions") OR "infarcts") OR "infarctive"))) AND TS=((((("thrombectomy" OR "thrombectomy") OR "thrombectomies") OR ((((((("mechanical" OR "mechanically") OR "mechanicals") OR "mechanics") OR "mechanics") OR "mechanic") AND (("thrombectomy" OR "thrombectomy") OR "thrombectomies"))) OR ("endovascular" AND ((((((("therapeutics" OR "therapeutics") OR "therapies") OR "therapy") OR "therapy") OR "therapy s") OR "therapys")))) AND TS=(("Atrial Fibrillation" OR "AF" OR "AFib"))

Embase: Embase <1974 to 2022 July 13> 1 ("stroke" or "stroke" or "strokes" or "stroke s" or ("cerebral infarction" or ("cerebral" and "infarction") or "cerebral infarction" or ("cerebral" and "infarct") or "cerebral infarct") or ("infarctation" or "infarcted" or "infarctic" or "infarcting" or "infarction" or "infarction" or "infarct" or "infarctions" or "infarcts" or "infarctive")).ab,ti. 798870 2 ("thrombectomy" or "thrombectomy" or "thrombectomies" or (("mechanical" or "mechanically" or "mechanicals" or "mechanics" or "mechanics" or "mechanic") and ("thrombectomy" or "thrombectomy" or "thrombectomies")) or ("endovascular" and ("therapeutics" or "therapeutics" or "therapies" or "therapy" or "therapy" or "therapy s" or "therapys"))).ab,ti. 41213 3 ("Atrial Fibrillation" or "AF" or "AFib").ab,ti. 175490 4 1 and 2 and 3 911

Scopus: TITLE-ABS ((((("stroke" OR "stroke") OR "strokes") OR "stroke s") OR (((("cerebral infarction" OR ("cerebral" AND "infarction")) OR "cerebral infarction") OR ("cerebral" AND "infarct")) OR "cerebral infarct")) OR (((((((("infarctation" OR "infarcted") OR "infarctic") OR "infarcting") OR "infarction") OR "infarction") OR "infarct") OR "infarctions") OR "infarcts") OR "infarctive") AND ((("thrombectomy" OR "thrombectomy") OR "thrombectomies") OR (((((("mechanical" OR "mechanically") OR "mechanicals") OR "mechanics") OR "mechanics") OR "mechanic") AND (("thrombectomy" OR "thrombectomy") OR "thrombectomies"))) OR ("endovascular" AND (((((("therapeutics" OR "therapeutics") OR "therapies") OR "therapy") OR "therapy") OR "therapy s") OR "therapys")) AND ("Atrial Fibrillation" OR "AF" OR "AFib"))

PubMed: ((((("stroke"[MeSH Terms] OR "stroke"[All Fields]) OR "strokes"[All Fields]) OR "stroke s"[All Fields]) OR ((((("cerebral infarction"[MeSH Terms] OR ("cerebral"[All Fields] AND "infarction"[All Fields])) OR "cerebral infarction"[All Fields]) OR ("cerebral"[All Fields] AND "infarct"[All Fields])) OR "cerebral infarct"[All Fields])) OR (((((((((("infarctation"[All Fields] OR "infarcted"[All Fields]) OR "infarctic"[All Fields]) OR "infarcting"[All Fields]) OR "infarction"[MeSH Terms]) OR "infarction"[All Fields]) OR "infarct"[All Fields]) OR "infarctions"[All Fields]) OR "infarcts"[All Fields]) OR "infarctive"[All Fields]) AND ((("thrombectomy"[MeSH Terms] OR "thrombectomy"[All Fields]) OR "thrombectomies"[All Fields]) OR ((((((("mechanical"[All Fields] OR "mechanically"[All Fields]) OR "mechanicals"[All Fields]) OR "mechanics"[MeSH Terms]) OR "mechanics"[All Fields]) OR

"mechanic"[All Fields]) AND (("thrombectomy"[MeSH Terms] OR "thrombectomy"[All Fields]) OR "thrombectomies"[All Fields]))) OR ("endovascular"[All Fields] AND ((((((("therapeutics"[MeSH Terms] OR "therapeutics"[All Fields]) OR "therapies"[All Fields]) OR "therapy"[MeSH Subheading]) OR "therapy"[All Fields]) OR "therapy s"[All Fields]) OR "therapys"[All Fields])) AND ("Atrial Fibrillation" OR "AF" OR "AFib")

eTable. Detailed Risk of Bias Analysis

				New Castle Ottawa scale assessment (NOS)								
				Selection				Comparability	Outcome			Quality Score
	Study	Year	Sample (n)	Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequacy of follow up of cohorts	
1	Akbik	2021	4,169	*	*	*		*	*	*	*	Good
2	Ždraljević	2022	127	*	*	*		*	*	*	*	Good
3	Huang	2021	245	*	*	*		*	*	*	*	Good
4	Lasek-Bal	2022	417	*	*	*		*	*	*	*	Good
5	Leker	2020	230	*	*	*		*	*	*	*	Good
6	Lin	2020	83		*	*		*	*	*	*	Fair
7	Smaal	2020	666	*	*	*		*	*	*	*	Good
8	Fu	2021	394	*	*	*		*	*	*	*	Good
9	Churojana	2018	134	*	*	*		*	*	*	*	Good
10	Zhang	2019	78		*	*		*	*	*	*	Fair