

Supplementary Table S1. Sensitivity analysis by omitting studies sequentially one by one [1-17]

Variable TAC in CAD	Pooled proportion (95% CI, %)	No. of studies	p-value	Heterogeneity testing			Model
				I-squared	p-value	Tau-squared	
All studied	0.476 (0.365–0.590)	17	0.684	96.36	<.001	0.866	Random effect
Omitting Yamamoto H et al. (2003)	0.482 (0.366–0.600)	16	0.774	96.556	<.001	0.886	Random effect
Omitting Goland S et al. (2008)	0.463 (0.349–0.580)	16	0.540	96.530	<.001	0.8790	Random effect
Omitting van 't Klooster CC et al. (2020)	0.460 (0.347–0.576)	16	0.505	95.763	<.001	0.854	Random effect
Omitting Ma X et al. (2019)	0.510 (0.432–0.587)	16	0.797	90.530	<.001	0.344	Random effect
Omitting Atak R et al. (2004)	0.477 (0.361–0.595)	16	0.709	96.582	<.001	0.897	Random effect
Omitting Watanabe K et al. (2003)	0.481 (0.363–0.601)	16	0.768	96.522	<.001	0.918	Random effect
Omitting Kim J et al. (2017)	0.465 (0.349–0.584)	16	0.5719	96.517	<.001	0.905	Random effect
Omitting Yuce G et al. (2015)	0.471 (0.355–0.591)	16	0.648	96.583	<.001	0.913	Random effect
Omitting Kim EJ et al. (2011)	0.465 (0.349–0.584)	16	0.571	96.517	<.001	0.905	Random effect
Omitting Takeda Y et al. (2009)	0.465 (0.349–0.584)	16	0.571	96.517	<.001	0.873	Random effect
Omitting Li J et al. (2002)	0.469 (0.342–0.599)	16	0.645	96.472	<.001	1.101	Random effect
Omitting Takasu J et al. (2003)	0.480 (0.365–0.597)	16	0.747	96.575	<.001	0.882	Random effect
Omitting Nafakhi et al. (2015)	0.486 (0.371–0.603)	16	0.824	96.525	<.001	0.875	Random effect

Omitting Hu X et al. (2015)	0.4749 (0.357–0.595)	16	0.685	96.586	<.001	0.919	Random effect
Omitting Tesche C et al. (2017)	0.471 (0.354–0.592)	16	0.649	96.583	<.001	0.920	Random effect
Omitting Parthenakis F et al. (1996)	0.483 (0.368–0.599)	16	0.780	96.567	<.001	0.875	Random effect
Omitting Otsuka K et al. (2022)	0.456 (0.345–0.573)	16	0.468	96.279	<.001	0.848	Random effect

No study omission display significant impact on original pooled proportion.

TAC, thoracic aorta; CAD, coronary artery disease; CI, confidence interval.