

Supplementary Material 6: Sensitivity analysis of cardiovascular outcomes

Outcomes	Number of Studies	Risk Ratio (95% Confidence Interval)	I ²	Cochran Q	p-value
MI	15	0.86 (0.78 to 0.95)	47.10%	0.02	<0.01*
<i>Prior ASCVD</i>	3	0.82 (0.49 to 1.36)	82.80%	<0.01	0.23
<i>T2DM</i>	14	0.89 (0.80 to 0.98)	38.40%	0.17	0.02*
Fatal MI	6	0.87 (0.44 to 1.72)	32.80%	0.19	0.62
<i>T2DM</i>	6	0.87 (0.44 to 1.72)	32.80%	0.19	0.62
Non-fatal MI	13	0.87 (0.79 to 0.97)	38.30%	0.08	0.02*
<i>Prior ASCVD</i>	2	0.87 (0.09 to 7.96)	88.20%	<0.01	0.56
<i>T2DM</i>	11	0.90 (0.81 to 1.00)	22.10%	0.23	0.05*
MACE	12	0.87 (0.80 to 0.93)	52.50%	0.02	<0.01*
<i>Prior ASCVD</i>	3	0.85 (0.58 to 1.25)	82.00%	<0.01	0.22
<i>T2DM</i>	11	0.87 (0.80 to 0.95)	52.80%	0.02	<0.01*
Strokes	11	0.88 (0.82 to 0.94)	00.00%	0.82	<0.01*
<i>Prior ASCVD</i>	3	0.93 (0.68 to 1.27)	0.00%	0.43	0.43
<i>T2DM</i>	10	0.87 (0.80 to 0.94)	00.00%	0.78	<0.01*
Coronary Revascularization	6	0.85 (0.72 to 0.99)	72.00%	<0.01	0.04*

<i>Prior ASCVD</i>	1	0.78 (0.69 to 0.87)	-	-	<0.01*
<i>T2DM</i>	5	0.86 (0.70 to 1.06)	66.70%	0.02	0.10
Cardiovascular Mortality	13	0.87 (0.82 to 0.93)	00.00%	0.50	<0.01*
<i>Prior ASCVD</i>	3	0.90 (0.74 to 1.09)	00.00%	0.59	0.14
<i>T2DM</i>	12	0.87 (0.81 to 0.94)	02.60%	0.42	<0.01*
Heart Failure	10	0.95 (0.75 to 1.19)	35.90%	0.12	0.60
<i>Prior ASCVD</i>	1	0.96 (0.75 to 1.22)	-	-	0.73
<i>T2DM</i>	10	0.95 (0.75 to 1.19)	35.90%	0.12	0.60
Unstable Angina	8	0.97 (0.87 to 1.08)	00.00%	0.84	0.54
<i>Prior ASCVD</i>	2	0.88 (0.82 to 0.95)	00.00%	0.96	0.03*
<i>T2DM</i>	7	1.01 (0.88 to 1.14)	00.00%	0.85	0.90

Bolded P value ≤ 0.05 denotes statistical significance

Legend: ASCVD, Atherosclerotic Cardiovascular Disease; MI, Myocardial Infarction; MACE, Major Adverse Cardiovascular Events; T2DM, Type 2 Diabetes Mellitus;