

Table S1. Subgroup analysis for MI

Variable	Group	Number of trials	RR and 95% CI	P value	I-square (%)	P value for heterogeneity	P value for meta-regression
Sample size	≥ 1000	4	0.66 (0.51-0.84)	0.001	0.0	0.832	0.631
	<1000	2	0.77 (0.38-1.57)	0.466	30.5	0.230	
Disease status	Simple hypertension	3	0.64 (0.50-0.83)	0.001	0.0	0.719	0.505
	Concomitant with other disease	3	0.77 (0.48-1.23)	0.271	0.0	0.487	
Mean age (year)	≥ 65.0	1	0.68 (0.39-1.17)	0.165	-	-	0.974
	<65.0	5	0.67 (0.52-0.86)	0.002	0.0	0.637	

Intensity of statin therapy	Low	2	0.62 (0.46-0.84)	0.002	0.0	0.538	0.466
	Moderate	4	0.74 (0.52-1.05)	0.094	0.0	0.652	
Follow-up duration (years)	≥ 5.0	3	0.64 (0.49-0.83)	0.001	0.0	0.802	0.422
	<5.0	3	0.79 (0.50-1.24)	0.306	0.0	0.483	

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Table S2. Subgroup analysis for stroke

Variable	Group	Number of trials	RR and 95% CI	P value	I-square (%)	P value for heterogeneity	P value for meta-regression
Sample size	≥ 1000	4	0.82 (0.71-0.94)	0.004	0.0	0.410	0.662
	<1000	2	1.00 (0.33-2.97)	0.994	37.8	0.205	
Disease status	Simple hypertension	2	0.72 (0.57-0.91)	0.007	0.0	0.888	0.185
	Concomitant with other disease	4	0.88 (0.74-1.04)	0.132	0.0	0.406	
Mean age (year)	≥ 65.0	2	0.87 (0.73-1.04)	0.135	2.5	0.311	0.225
	<65.0	4	0.73 (0.59-0.92)	0.008	0.0	0.534	
Intensity of statin	Low	1	0.68 (0.42-1.10)	0.115	-	-	0.416

therapy	Moderate	5	0.84 (0.72-0.96)	0.014	0.5	0.403	
Follow-up duration	$\geq 5.0$	3	0.85 (0.73-1.00)	0.050	0.0	0.372	0.421
(years)	$<5.0$	3	0.76 (0.57-1.01)	0.061	2.7	0.358	

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Table S3. Subgroup analysis for cardiac death

Variable	Group	Number of trials	RR and 95% CI	P value	I-square (%)	P value for heterogeneity	P value for meta-regression
Sample size	≥ 1000	4	0.95 (0.84-1.07)	0.407	0.0	0.681	0.436
	<1000	2	1.37 (0.55-3.40)	0.501	0.0	0.547	
Disease status	Simple hypertension	3	0.89 (0.72-1.09)	0.252	0.0	0.655	0.376
	Concomitant with other disease	3	1.00 (0.85-1.16)	0.953	0.0	0.656	
Mean age (year)	≥ 65.0	2	0.98 (0.85-1.12)	0.732	0.0	0.770	0.512
	<65.0	4	0.88 (0.68-1.15)	0.357	0.0	0.581	
Intensity of statin	Low	1	0.68 (0.37-1.26)	0.217	-	-	0.267

therapy	Moderate	5	0.97 (0.85-1.10)	0.623	0.0	0.871	
Follow-up duration	≥ 5.0	3	0.96 (0.84-1.10)	0.544	0.0	0.508	0.894
(years)	<5.0	3	0.94 (0.70-1.26)	0.668	0.0	0.577	

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Table S4. Subgroup analysis for all-cause mortality

Variable	Group	Number of trials	RR and 95% CI	P value	I-square (%)	P value for heterogeneity	P value for meta-regression
Sample size	≥ 1000	4	0.95 (0.87-1.03)	0.188	0.0	0.544	0.075
	<1000	2	1.89 (0.89-4.04)	0.099	0.0	0.643	
Disease status	Simple hypertension	2	0.89 (0.77-1.02)	0.095	0.0	0.743	0.214
	Concomitant with other disease	4	1.01 (0.78-1.31)	0.929	22.5	0.276	
Mean age (year)	≥ 65.0	2	0.97 (0.89-1.06)	0.535	0.0	0.485	0.410
	<65.0	4	0.96 (0.69-1.33)	0.788	31.2	0.225	
Intensity of statin	Low	1	0.77 (0.46-1.31)	0.338	-	-	0.428

therapy	Moderate	5	0.95 (0.86-1.06)	0.382	18.3	0.298	
Follow-up duration	≥ 5.0	3	0.96 (0.88-1.06)	0.437	0.0	0.552	0.583
(years)	<5.0	3	1.20 (0.65-2.21)	0.568	50.5	0.133	

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