Association of socioeconomic status with cardiovascular disease and cardiovascular risk factors: A systematic review and meta-analysis

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Online Resource 3 The results of meta-analysis

outcome indicators	SES indicators		HR	95%CI		I² (%)	Q p-value
CVD incidence	Income	Low vs. high	1.22	1.17	1.28	69.9	0
		Middle vs. high	1.12	1.09	1.16	59.6	0.003
	Male income	Low vs. high	1.29	1.17	1.44	86.9	0
		Middle vs. high	1.14	1.06	1.22	68.2	0.008
	Female income	Low vs. high	1.37	1.12	1.68	96	0
		Middle vs. high	1.18	1.13	1.24	0	0.796
	Income in LMICs	Low vs. high	1.14	1.04	1.24	0	0.96
		Middle vs. high	1.06	0.99	1.15	55.8	0.104
	Income in HICs	Low vs. high	1.23	1.18	1.29	71.7	0
		Middle vs. high	1.12	1.08	1.16	70.3	0
	Education	Low vs. high	1.44	1.28	1.63	72.8	0.001
		Middle vs. high	1.2	1.11	1.3	52.5	0
	Male education	Low vs. high	1.51	1.29	1.76	77.4	0.004
		Middle vs. high	1.25	1.2	1.29	0	0.687
	Female education	Low vs. high	1.67	1.42	1.97	36.6	0.192
		Middle vs. high	1.26	1.09	1.46	38.6	0.181
	Education in LMICs	Low vs. high	1.52	1.09	2.11	70.9	0.032
		Middle vs. high	1.4	0.92	2.12	81.2	0.005
	Education in HICs	Low vs. high	1.43	1.25	1.62	76.8	0
		Middle vs. high	1.18	1.08	1.28	86.1	0
	Deprivation index	Low vs. high	1.28	1.16	1.41	0	0.735
		Middle vs. high	1.07	1.03	1.11	0	0.907
CVD mortality	Income	Low vs. high	1.37	1.21	1.56	88.5	0
		Middle vs. high	1.19	1.06	1.34	93.8	0

		HR	95%CI low	95%CI high	Q	Q p-value
Male income	Low vs. high	1.38	1.08	1.76	95.4	0
	Middle vs. high	1.08	0.94	1.25	93.1	0
Female income	Low vs. high	1.14	1.02	1.27	79.7	0.001
	Middle vs. high	0.99	0.92	1.06	66.9	0.017
Income in LMICs	Low vs. high	1.45	1.28	1.64	54.6	0.066
	Middle vs. high	1.18	1.06	1.32	50.6	0.088
Income in HICs	Low vs. high	1.33	1.13	1.57	87.5	0
	Middle vs. high	1.18	1.02	1.37	94.6	0
Education	Low vs. high	1.5	1.22	1.83	53.3	0.093
	Middle vs. high	1.13	1.05	1.22	0	0.86
Education in LMICs	Low vs. high	1.66	1.24	2.21	57	0.072
	Middle vs. high	1.32	1.04	1.67	40.5	0.168
Education in HICs	Low vs. high	1.44	1.19	1.75	1.5	0.314
	Middle vs. high	1.12	1.03	1.21	0	0.564
Deprivation index	Low vs. high	1.19	1.11	1.29	72.1	0.003
	Middle vs. high	1.1	1.02	1.17	60.9	0.025

SES: socioeconomic status. HR: hazard ratio 95%CI: 95% confidence interval. Q p-value: p-value for Q test for heterogeneity. CVD: cardiovascular diseases. LMICs: low and middle-income countries. HICs: high-income countries.