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

Tao Wang, Yilin Li, Xiaoqiang Zheng*

*Corresponding author: Xiaoqiang Zheng, School of Economics and Management, Southwest Petroleum University, Chengdu, China; Xiaoqiang__Zheng@163.com

Online Resource 4 Egger's test results of publication bias

outcome indicators	SES indicators	item	Effective sizes	Standard error	t	p	95%CI	
	Income	Slope	0.1089385	0.0157715	6.91	0	0.0763877	0.1414894
		Bias	1.076416	0.5736431	1.88	0.073	-0.1075256	2.260357
	Male income	Slope	0.323015	0.0701234	4.61	0.001	0.1667703	0.4792598
		Bias	-2.691273	1.74793	-1.54	0.155	-6.585905	1.203358
	Female income	Slope	0.338525	0.1030058	3.29	0.008	0.1090139	0.5680362
		Bias	-1.337603	2.176472	-0.61	0.553	-6.187084	3.511879
	Income in LMICs	Slope	0.0404046	0.0636503	0.63	0.56	-0.136317	0.2171262
CVD incidence		Bias	0.8220761	0.8774363	0.94	0.402	-1.614078	3.25823
	Income in HICs	Slope	0.1096596	0.0178269	6.15	0	0.0726888	0.1466305
		Bias	1.043953	0.6691674	1.56	0.133	-0.3438153	2.431721
	Education	Slope	0.1415964	0.0370145	3.83	0.002	0.0622082	0.2209846
		Bias	1.478094	0.8366572	1.77	0.099	-0.3163572	3.272545
	Male education	Slope	0.2183761	0.0292427	7.47	0	0.1468219	0.2899303
		Bias	1.537293	0.8674172	1.77	0.127	-0.5852001	3.659787
	Female education	Slope	0.3522938	0.0790656	4.46	0.004	0.1588272	0.5457604

		Bias	0.2825397	1.405568	0.2	0.847	-3.156762	3.721842
	Education in LMICs	Slope	0.2039298	0.1580528	1.29	0.266	-0.2348952	0.6427548
		Bias	1.136853	1.639172	0.69	0.526	-3.414219	5.687925
	Education in HICs	Slope	0.1365842	0.0439873	3.11	0.009	0.0407442	0.2324242
		Bias	1.543205	1.063005	1.45	0.172	-0.7728846	3.859295
	Deprivation index	Slope	0.1879876	0.061537	3.05	0.038	0.0171334	0.3588417
		Bias	-1.024404	4.159338	-0.25	0.818	-12.57258	10.52377
	Income	Slope	-0.0357618	0.053222	-0.67	0.509	-0.1467809	0.0752573
		Bias	3.682718	1.098811	3.35	0.003	1.390638	5.974798
	Male income	Slope	0.0529427	0.1523045	0.35	0.737	-0.298272	0.4041574
		Bias	2.5287	3.49143	0.72	0.49	-5.522553	10.57995
	Female income	Slope	-0.0311711	0.07258	-0.43	0.679	-0.1985408	0.1361987
		Bias	1.589984	1.63131	0.97	0.358	-2.171823	5.35179
	Income in LMICs	Slope	0.2149764	0.0734256	2.93	0.019	0.0456566	0.3842962
CVD mortality		Bias	0.6229555	1.091239	0.57	0.584	-1.893446	3.139357
	Income in HICs	Slope	-0.0535163	0.057539	-0.93	0.368	-0.1769252	0.0698927
		Bias	3.326557	1.230143	2.7	0.017	0.6881627	5.964952
	Education	Slope	0.117333	0.0921985	1.27	0.25	-0.1082687	0.3429347
		Bias	1.087609	0.9988207	1.09	0.318	-1.356418	3.531635
	Education in LMICs	Slope	0.321392	0.187278	1.72	0.161	-0.198575	0.841359
		Bias	-0.2524981	1.206752	-0.21	0.844	-3.602978	3.097982
	Education in HICs	Slope	0.0856912	0.0947778	0.9	0.461	-0.3221048	0.4934872

	Bias	1.143266	1.26791	0.9	0.462	-4.312108	6.598641
Deprivation index	Slope	0.0912542	0.0322404	2.83	0.018	0.019418	0.1630904
	Bias	0.7906915	0.8672146	0.91	0.383	-1.141583	2.722966

SES: socioeconomic status. 95%CI: 95% confidence interval. CVD: cardiovascular diseases. LMICs: low and middle-income countries. HICs: high-income countries.