

A Causal effects of SHBG levels on SARS-CoV-2 infection

Exposure	No. of IVs	OR (95% CI)	P Value
SHBG levels adjusted for BMI			
IVW	178	0.97 (0.92, 1.02)	0.263
	164	0.97 (0.93, 1.03)	0.326
Weighted median	178	0.92 (0.84, 1.00)	0.058
	164	0.95 (0.88, 1.03)	0.238
MR-Egger	178	0.93 (0.85, 1.02)	0.112
	164	0.93 (0.87, 1.01)	0.071
SHBG levels unadjusted for BMI			
IVW	213	0.98 (0.93, 1.03)	0.414
	229	0.98 (0.93, 1.03)	0.352
Weighted median	213	1.01 (0.94, 1.09)	0.805
	229	1.00 (0.92, 1.08)	0.953
MR-Egger	213	1.05 (0.97, 1.14)	0.221
	229	0.95 (0.87, 1.03)	0.203

0.8 0.9 1 1.1 1.2
OR (95% CI)**B Causal effects of SHBG levels on COVID-19 hospitalization**

Exposure	No. of IVs	OR (95% CI)	P Value
SHBG levels adjusted for BMI			
IVW	178	1.04 (0.88, 1.22)	0.665
	164	1.00 (0.86, 1.15)	0.982
Weighted median	178	0.99 (0.76, 1.29)	0.924
	164	0.84 (0.67, 1.04)	0.113
MR-Egger	178	1.00 (0.77, 1.30)	0.992
	164	0.92 (0.74, 1.14)	0.443
SHBG levels unadjusted for BMI			
IVW	214	0.92 (0.79, 1.07)	0.282
	231	1.02 (0.88, 1.18)	0.772
Weighted median	214	0.95 (0.76, 1.19)	0.679
	231	1.04 (0.82, 1.33)	0.737
MR-Egger	214	1.14 (0.88, 1.47)	0.332
	231	1.08 (0.85, 1.37)	0.516

0.5 0.75 1 1.25 1.5
OR (95% CI)**C Causal effects of SHBG levels on COVID-19 critical illness**

Exposure	No. of IVs	OR (95% CI)	P Value
SHBG levels adjusted for BMI			
IVW	170	0.92 (0.66, 1.29)	0.643
	157	0.95 (0.67, 1.34)	0.770
Weighted median	170	0.72 (0.42, 1.24)	0.234
	157	0.68 (0.39, 1.21)	0.191
MR-Egger	170	0.72 (0.43, 1.22)	0.225
	157	0.68 (0.41, 1.13)	0.134
SHBG levels unadjusted for BMI			
IVW	204	0.98 (0.71, 1.37)	0.914
	221	0.99 (0.70, 1.39)	0.944
Weighted median	204	1.11 (0.66, 1.89)	0.686
	221	1.01 (0.59, 1.73)	0.963
MR-Egger	204	1.05 (0.58, 1.87)	0.880
	221	0.95 (0.53, 1.67)	0.847

0 0.5 1 1.5 2
OR (95% CI)

■ Women ■ Men