Table S6: Results of subgroup MVMR analyses by obesity, physical activity, menopausal status in females, and age (>50 years) in males.
Outlier SNPs and "weak" SNPs (F-statistic ≤10) excluded

A) Obesity

FVC

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Not obese (BMI <30)		
Testosterone [T]											
Males											
MR F-IVW	74.03	62.17	-47.82	195.88	0.234	1.18E-12			204.38	99.50	9.36
MR R-IVW	74.03	87.48	-97.42	245.48	0.397	1.18E-12			204.38	111.12	-13.42
MR median	168.82	102.19	-31.47	369.12	0.099				157.67	139.91	-116.56
MR robust	102.83	91.76	-77.02	282.67	0.262				185.68	109.79	-29.50
MR-Egger	71.14	88.02	-101.37	243.66	0.419		8.95E-13		208.76	113.86	-14.40
MR -2SLS	39.87	65.57	-88.65	168.39	0.543			5.34E-10	342.55	97.63	151.19
Females											
MR F-IVW	38.85	14.69	10.06	67.64	**0.008**	2.09E-18			63.12	26.15	11.87
MR R-IVW	38.85	22.24	-4.75	82.45	0.081	2.09E-18			63.12	26.24	11.69
MR median	65.95	29.76	7.62	124.27	**0.027**				81.31	41.22	0.53
MR robust	36.77	30.29	-22.59	96.13	0.225				58.56	50.55	-40.53
MR-Egger	41.07	22.54	-3.10	85.25	0.068		1.82E-18		63.19	26.33	11.58
MR -2SLS	22.52	17.67	-12.10	57.15	0.202			5.18E-10	56.60	30.09	-2.37
SHBG											
Males											
MR F-IVW	-19.37	33.55	-85.13	46.39	0.564	1.18E-12			-97.61	52.17	-199.86
MR R-IVW	-19.37	47.21	-111.90	73.16	0.682	1.18E-12			-97.61	58.26	-211.81
MR median	-93.89	55.07	-201.83	14.05	0.088				-100.29	72.18	-241.77
MR robust	-38.91	50.61	-138.11	60.29	0.442				-89.32	56.13	-199.32
MR-Egger	-24.52	49.16	-120.87	71.83	0.618		8.95E-13		-95.14	59.89	-212.53
MR -2SLS	0.51	35.56	-69.19	70.21	0.989			5.34E-10	-155.17	51.91	-256.91
Females											
MR F-IVW	-2.64	8.41	-19.12	13.84	0.754	2.09E-18			-5.90	14.60	-34.51
MR R-IVW	-2.64	12.74	-27.60	22.32	0.836	2.09E-18			-5.90	14.65	-34.62
MR median	1.71	16.68	-30.97	34.40	0.918				-6.89	23.97	-40.09
MR robust	-4.58	16.60	-37.11	27.96	0.783				-3.08	18.89	-40.10
MR-Egger	-0.91	16.88	-42.99	23.17	0.557		1.82E-18		-9.56	19.95	-48.67
MR -2SLS	-2.86	10.64	-23.72	18.00	0.788			5.18E-10	-17.27	17.96	-52.48

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Obese (BMI >=30)		
Males											
MR F-IVW	204.38	99.50	9.36	399.39	**0.040**	2.11E-02			-130.35	117.33	0.267
MR R-IVW	204.38	111.12	-13.42	422.17	0.066	2.11E-02			-130.35	141.42	0.357
MR median	157.67	139.91	-116.56	431.91	0.260				11.15	173.26	0.949
MR robust	185.68	109.79	-29.50	400.86	0.091				-82.86	143.08	0.563
MR-Egger	208.76	113.86	-14.40	431.92	0.067		1.86E-02		-137.61	143.91	0.339
MR -2SLS	342.55	97.63	151.19	533.91	**4.51E-04**			4.81E-01	-302.68	117.61	**0.010**
Females											
MR F-IVW	63.12	26.15	11.87	114.38	**0.016**	0.460			-24.27	29.99	0.418
MR R-IVW	63.12	26.24	11.69	114.56	**0.016**	0.460			-24.27	34.40	0.480
MR median	81.31	41.22	0.53	162.10	**0.049**				-15.37	50.84	0.762
MR robust	58.56	50.55	-40.53	157.65	0.247				-21.79	58.93	0.712
MR-Egger	63.19	26.33	11.58	114.79	**0.016**		0.439		-22.11	34.66	0.523
MR -2SLS	56.60	30.09	-2.37	115.57	0.060			0.520	-34.07	34.89	0.329
Males											
MR F-IVW	78.25	62.03	0.207						-85.85	33.13	-150.56
MR R-IVW	78.25	74.99	0.297						-85.85	44.90	-173.85
MR median	6.40	90.79	0.944						-99.99	51.91	-199.81
MR robust	50.41	75.58	0.505						-85.85	35.15	-153.98
MR-Egger	70.63	77.48	0.362						-74.74	45.16	-162.85
MR -2SLS	155.67	62.92	**0.013**						-0.75	35.35	-144.94
Females											
MR F-IVW	3.26	16.85	0.847						-0.08	10.28	0.12
MR R-IVW	3.26	19.41	0.867						-0.08	0.14	-0.35
MR median	-5.18	29.20	0.859						-0.04	0.16	-0.35
MR robust	-1.50	25.15	0.952						-0.10	0.10	-0.29
MR-Egger	-9.56	19.95	-48.67	29.55	0.632		0.439		-0.31	0.13	0.989
MR -2SLS	14.41	20.88	0.490						-0.01	0.13	-0.26

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Not obese (BMI <30)		
Males											
MR F-IVW	1.09	0.96	-0.80	2.98	0.257	0.012			-0.28	1.14	0.805
MR R-IVW	1.09	1.09	-1.04	3.23	0.315	0.012			-0.28	1.35	0.834
MR median	1.60	1.45	-1.24	4.45	0.270				-0.98	1.71	0.566
MR robust	1.16	1.02	-0.84	3.16	0.257				-0.45	1.17	0.699
MR-Egger	1.07	1.11	-1.11	3.26	0.335		0.937		-0.20	1.38	0.883
MR -2SLS	1.25	0.97	-0.65	3.15	0.198			0.423	-0.64	1.16	0.580
Females											
MR F-IVW	-0.32	0.32	-0.94	0.31	0.321	0.106			0.55	0.37	0.133
MR R-IVW	-0.32	0.34	-0.98	0.35	0.355	0.106			0.55	0.42	0.186
MR median	-1.41	0.51	-2.41	-0.40	**0.006**				1.84	0.59	**0.002**
MR robust	-0.46	0.56	-1.54	0.65	0.429				0.75	0.62	0.230
MR-Egger	-0.31	0.34	-0.98	0.36	0.358		0.751		0.52	0.42	0.210
MR -2SLS	-0.23	0.36	-0.93	0.47	0.517			0.191	0.30	0.41	0.464
Males											
MR F-IVW	-0.91	0.51	-1.90	0.08	0.073	0.012			0.06	0.61	0.924
MR R-IVW	-0.91	0.57	-2.02	0.21	0.112	0.012			0.06	0.72	0.936
MR median	-1.32	0.76	-2.81	0.17	0.082				0.33	0.92	0.720
MR robust	-0.97	0.52	-1.98	0.05	0.062				0.12	0.62	0.846
MR-Egger	-0.92	0.59	-2.07	0.23	0.118		0.937		0.18	0.74	0.808
MR -2SLS	-0.83	0.51	-1.84	0.17	0.102			0.423	0.08	0.62	0.897
Females											
MR F-IVW	-0.26	0.18	-0.61	0.09	0.141	0.106			0.18	0.21	0.378
MR R-IVW	-0.26	0.19	-0.63	0.11	0.170	0.106			0.18	0.23	0.439
MR median	-0.18	0.27	-0.71	0.35	0.511				0.14	0.33	0.655
MR robust	-0.27	0.14	-0.55	0.01	0.062				0.17	0.17	0.325
MR-Egger	-0.32	0.26	-0.82	0.19	0.221		0.751		0.31	0.32	0.320
MR -2SLS	-0.24	0.21	-0.67	0.18	0.254			0.191	0.24	0.25	0.346

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Obese (BMI >=30)		
Males											
MR F-IVW	1.09	0.96	-0.80	2.98	0.257	0.012			-0.28	1.35	0.834
MR R-IVW	1.09	1.09	-1.04	3.23	0.315	0.012			-0.28	1.71	0.566
MR median	1.60	1.45	-1.24	4.45	0.270				-0.98	1.71	0.566
MR robust	1.16	1.02	-0.84	3.16	0.257				-0.45	1.17	0.699
MR-Egger	1.07	1.11	-1.11	3.26	0.335		0.937		-0.20	1.38	0.883
MR -2SLS	1.25	0.97	-0.65	3.15	0.198			0.423	-0.64	1.16	0.580
Females											
MR F-IVW	-0.32	0.32	-0.94	0.31	0.321	0.106			0.55	0.37	0.133
MR R-IVW	-0.32	0.34	-0.98	0.35	0.355	0.106			0.55	0.42	0.186
MR median	-1.41	0.51	-2.41	-0.40	**0.006**				1.84	0.59	**0.002**
MR robust	-0.46	0.56	-1.54	0.65	0.429				0.75	0.62	0.230
MR-Egger	-0.31	0.34	-0.98	0.36	0.358		0.751		0.52	0.42	0.210
MR -2SLS	-0.23	0.36	-0.93	0.47	0.517			0.191	0.30	0.41	0.464
Males											
MR F-IVW	-0.91	0.51	-1.90	0.08	0.073	0.012			0.06	0.61	0.924
MR R-IVW	-0.91	0.57	-2.02	0.21	0.112	0.012			0.06	0.72	0.936
MR median	-1.32	0.76	-2.81	0.17	0.082				0.33	0.92	0.720
MR robust	-0.97	0.52	-1.98	0.05	0.062				0.12	0.62	0.846
MR-Egger	-0.92	0.59	-2.07	0.23	0.118		0.937		0.18	0.74	0.808
MR -2SLS	-0.83	0.51	-1.84	0.17	0.102			0.423	0.08	0.62	0.897
Females											
MR F-IVW	-0.26	0.18	-0.61	0.09	0.141	0.106			0.18	0.21	0.378
MR R-IVW	-0.26	0.19	-0.63	0.11	0.170	0.106			0.18	0.23	0.439
MR median	-0.18	0.27	-0.71	0.35	0.511				0.14	0.33	0.655
MR robust	-0.27	0.14	-0.55	0.01	0.062				0.17	0.17	0.325
MR-Egger	-0.32	0.26	-0.82	0.19	0.221		0.751		0.31	0.32	0.320
MR -2SLS	-0.24	0.21	-0.67	0.18	0.254			0.191	0.24	0.25	0.346

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Obese (BMI >=30)		
Males											
MR F-IVW	1.27	0.62	0.05	2.49	**0.041**	2.61E-10			-1.37	1.11	0.215
MR R-IVW	1.27	0.84	-0.39	2.92	0.133	2.61E-10			-1.37	1.26	0.276
MR median	1.30	0.91	-0.47	3.08	0.150				-1.68	1.53	0.272
MR robust	1.20	0.56	0.11	2.29	**0.031**				-1.33	0.79	0.092
MR-Egger	1.38	0.65	-0.36	2.99	0.124		0.663		-1.35	1.29	0.293
MR -2SLS	1.20	0.65	-0.06	2.47	0.063			8.66E-05	-1.82	1.18	0.123
Females											
MR F-IVW	-1.13	0.34	-1.81	-0.46	**9.38E-04**	2.61E-10			0.97	0.57	0.090
MR R-IVW	-1.13	0.47	-2.05	-0.22	**1.69E-02**	2.61E-10			0.97	0.66	0.142
MR median	-1.24	0.51	-2.24	-0.24	**1.13E-02**				1.33	0.79	0.092
MR robust	-1.12	0.34	-1.78	-0.46	**8.47E-04**				0.98	0.45	**0.029**
MR-Egger	-1.08	0.48	-2.03	-0.14	**2.44E-02**		0.663		0.95	0.68	0.162
MR -2SLS	-1.05	0.36	-1.75	-0.35	**3.33E-03**			8.66E-05	1.14	0.61	0.063

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Obese (BMI >=30)		
Males											
MR F-IVW	109.91	91.38	-69.19	289.01	0.229	1.25E-02					
MR R-IVW	109.91	103.16	-92.28	312.09	0.287	1.25E-02					
MR median	143.65	134.62	-120.20	407.50	0.286						
MR robust	83.76	102.20	-116.56	284.07	0.412						
MR-Egger	138.29	105.64	-68.76	345.33	0.191		0.226				
MR -2SLS	161.39	54.64	54.30	268.48	**3.14E-03**			5.38E-07			
Females											
MR F-IVW	-74.24	45.58	-163.57	15.10	0.103	1.25E-02					
MR R-IVW	-74.24	51.46	-175.09	26.62	0.149	1.25E-02					
MR median	-146.71	47.58	-239.97	-53.45	**2.05E-03**						
MR robust	-79.76	39.02	-156.24	-3.27	**4.10E-02**						
MR-Egger	-87.84	40.69	-167.70	-8.19	**3.07E-02**		0.824				
MR -2SLS	-78.03	49.42	-174.89	18.83	0.114			5.38E-07			

N SNPs included (Outlier SNPs and SNPs with F<10 excluded) ->NOT obese: Males: Total = 165, TT = 64, SHBG = 128; Females: Total = 163, TT = 52, SHBG = 112 - Obese: Males: Total = 153, TT = 63, SHBG = 117; Females: Total = 143, TT =45, SHBG = 99.
N in 2SLS: NOT obese : Males = 106,442; Females = 102,436 - Obese : Males = 34,890; Females = 31,121

B) Physical activity

FVC

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Not moderately physical active		
Testosterone [T]											
Males											
MR F-IVW	111.53	76.95	-39.28	262.35	0.147	3.19E-06			167.21	76.14	17.98
MR R-IVW	111.53	96.76	-78.12	301.18	0.249	3.19E-06			167.21	96.50	-21.92
MR median	209.25	120.60	-27.13	445.64	0.083				224.32	115.67	-2.38
MR robust	82.39	119.41	-151.65	316.44	0.490				186.16	68.72	51.47
MR-Egger	111.56	97.06	-78.67	301.80	0.250		2.50E-06		165.01	99.79	-30.57
MR -2SLS	221.54	117.42	-8.60	451.67	0.059			5.56E-03	133.04	64.60	6.43
Females											
MR F-IVW	60.67	18.58	24.24	97.09	**0.001**	9.82E-09			21.43	18.92	-15.66
MR R-IVW	60.67	24.60	12.46	108.87	**0.014**	9.82E-09			21.43	24.13	-25.86
MR median	50.32	32.79	-13.95	114.59	0.125				49.15	32.67	-14.89
MR robust	61.04	30.81	0.66	121.42	**0.048**				24.40	34.51	-43.24
MR-Egger	61.82	34.71	13.40	110.25	**0.012**		8.60E-09		33.09	24.02	-22.99
MR -2SLS	68.66	33.30	3.40	133.92	**0.039**			0.908	35.15	17.86	0.15

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Moderately physical active		
Males											
MR F-IVW	167.21	76.14	17.98	316.44	**0.028**	1.44E-06			0.46	0.74	-0.98
MR R-IVW	167.21	96.50	-21.92	356.33	0.083	1.44E-06			0.46	0.87	-1.24
MR median	224.32	115.67	-2.38	451.03	0.052				0.48	1.02	-1.52
MR robust	186.16	68.72	51.47	320.84	**0.007**				0.51	0.58	-0.65
MR-Egger	165.01	99.79	-30.57	360.60	0.098		1.12E-06		0.47	0.87	-1.23
MR -2SLS	133.04	64.60	6.43	259.65	**0.039**			4.81E-11	88.49	134.01	0.509
Females											
MR F-IVW	21.43	24.13	-25.86	68.72	0.375	9.49E-07			0.14	0.24	-0.33
MR R-IVW	21.43	24.13	-25.86	68.72	0.375	9.49E-07			0.14	0.24	-0.33
MR median	49.15	32.67	-14.89	113.19	0.132				0.14	0.32	-0.49
MR robust	24.40	34.51	-43.24	92.05	0.480				0.14	0.20	-0.25
MR-Egger	33.09	24.02	-22.99	70.17	0.336		1.78E-06		0.12	0.24	-0.35
MR -2SLS	35.15	17.86	0.15	70.15	**0.049**			2.82E-09	33.51	37.78	0.375

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Not moderately physical active		
Males											
MR F-IVW	1.71	0.89	-0.04	3.45	0.056	3.30E-04			-1.24	1.25	0.319
MR R-IVW	1.71	1.04	-0.32	3.75	0.099				-1.23	1.46	0.398
MR median	1.70	0.50	0.73	2.67	**6.10E-04**				-1.19	0.77	0.123
MR-Egger	1.70	0.92	-0.11	3.50	0.066		0.970		-1.22	1.27	0.334
MR -2SLS	1.70	0.62	-0.23	2.20	0.113			7.55E-04	-0.09	1.33	0.945
Females											
MR F-IVW	0.07	0.23	-0.39	0.52	0.771	3.05E-09			0.07	0.32	0.828
MR R-IVW	0.07	0.31	-0.54	0.67	0.828	3.05E-09			0.07	0.39	0.858
MR median	0.24	0.36	-0.46	0.94	0.501				-0.10	0.48	0.839
MR robust	0.11	0.23	-0.35	0.57	0.654				0.03	0.31	0.919
MR-Egger	0.12	0.24	-0.35	0.59	0.620		0.874		0.05	0.32	0.898
MR -2SLS	0.06	0.21	-0.36	0.47	0.784			9.40E-06	-0.55	0.45	0.219

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Moderately physical active		
Males											
MR F-IVW	1.71	0.75	0.24	3.17	**0.023**	3.30E-04			-1.24	1.05	0.237
MR R-IVW	1.71	0.89	-0.04	3.45	0.056	3.30E-04			-1.24	1.25	0.319
MR median	1.71	1.04	-0.32	3.75	0.099				-1.23	1.46	0.398
MR robust	1.70	0.50	0.73	2.67	**6.10E-04**				-1.19	0.77	0.123
MR-Egger	1.70	0.92	-0.11	3.50	0.066		0.970		-1.22	1.27	0.334
MR -2SLS	1.70	0.62	-0.23	2.20	0.113			7.55E-04	-0.09	1.33	0.945
Females											
MR F-IVW	0.07	0.23	-0.39	0.52	0.771	3.05E-09			0.07	0.32	0.828
MR R-IVW	0.07	0.31	-0.54	0.67	0.828	3.05E-09			0.07	0.39	0.858
MR median	0.24	0.36	-0.46	0.94	0.501				-0.10	0.48	0.839
MR robust	0.11	0.23	-0.35	0.57	0.654				0.03	0.31	0.919
MR-Egger	0.12	0.24	-0.35	0.59	0.620		0.874		0.05	0.32	0.898
MR -2SLS	0.06	0.21	-0.36	0.47	0.784			9.40E-06	-0.55	0.45	0.219

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Not moderately physical active		
Males											
MR F-IVW	100.70	65.67	-28.02	229.42	0.125	6.02E-04					
MR R-IVW	100.70	77.65	-51.48	252.89	0.195	6.02E-04					
MR median	198.88	103.32	-3.64	401.39	0.054						
MR robust	98.28	84.36	-67.44	264.00	0.300						
MR-Egger	101.11	77.77	-51.31	253.53	0.194		0.477				
MR -2SLS	208.64	101.37	9.95	407.33	**0.040**			0.036			
Females											
MR F-IVW	49.54	15.58	19.01	80.08	**1.47E-03**	2.25E-05					
MR R-IVW	49.54	19.19	11.93	87.15	**0.010**	2.25E-05					
MR median	59.45	26.60	7.30	111.59	**0.025**						
MR robust	49.54	22.68	5.08	94.00	**0.029**						
MR-Egger	37.34	27.75	-17.06	91.74	0.179		0.931				
MR -2SLS	28.33	14.85	-0.77	57.43	0.056			0.785			

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Moderately physical active		
Males											
MR F-IVW	203.76	65.18	76.02	331.51	**1.77E-03**	5.46E-05					
MR R-IVW	203.76	79.47	48.00	359.53	**1.03E-02**	5.46E-05					
MR median	193.27	93.99	9.04	377.49	**3.98E-02**						
MR robust	204.61	55.99	94.86	314.35	**2.58E-04**						
MR-Egger	200.46	82.18	39.38	361.53	**1.47E-02**		0.869				
MR -2SLS	142.29	55.20	34.09	250.49	**9.95E-03**			1.03E-07			
Females											
MR F-IVW	19.94	15.92	-11.26	51.13	0.210	3.68E-07					
MR R-IVW	19.94	20.47	-20.19	60.06	0.330	3.68E-07					
MR median	47.87	27.86	-6.73	102.47	0.086						
MR robust	21.87	28.00	-33.02	76.75	0.435						
MR-Egger	21.24	20.41	-18.75	61.23	0.298		0.127				
MR -2SLS	37.34	27.75	-17.06	91.74	0.179			5.46E-09			

N SNPs included (Outlier SNPs and SNPs with F<10 excluded) -> NOT active: Males: Total = 165, TT = 63, SHBG = 128; Females: Total = 165, TT = 52, SHBG = 114 - Active: Males: Total = 165, TT = 64, SHBG = 128; Females: Total = 162, TT =52, SHBG = 111.
N in 2SLS: NOT active = Males = 28,637; Females = 25,289 - Active : Males = 106,207; Females = 101,526

C) Menopause (females only)

FVC

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Pre-menopausal		
Testosterone [T]											
MR F-IVW	40.35	24.18	-7.03	87.73	0.095	8.95E-03			35.06	17.79	0.19
MR R-IVW	40.35	27.69	-13.92	94.63	0.145	8.95E-03			35.06	23.24	-10.50
MR median	28.02	40.12	-50.61	106.65	0.485				14.50	29.93	-44.15
MR robust	42.67	30.47	-17.05	102.40	0.161				28.69	33.48	-36.93
MR-Egger	44.23	28.34	-11.32	99.77	0.119		8.29E-03		39.93	23.13	-5.80
MR -2SLS	38.80	28.55	-17.15	94.75	0.174			0.057	23.73	20.95	-17.33
SHBG											
MR F-IVW	1.50	15.22	-28.33	31.34	0.921	8.95E-03			4.12	9.73	-14.95
MR R-IVW	1.50	17.43	-32.27	35.67	0.931	8.95E-03			4.12	12.71	-20.80
MR median	-5.51	29.34	-63.02	52.00	0.851				11.56	16.52	-20.81
MR robust	-7.34	33.04	-72.09	57.42	0.825				-10.07	13.62	-22.24
MR-Egger	-9.52	23.94	-56.44	37.40	0.691		8.29E-03		-13.67	16.84	-46.67
MR -2SLS	22.73	18.24	-13.02	58.49	0.213			0.057	-5.23	12.43	-29.60

	b	SE	LCI	UCI	p-value	Q test p-value	P-value intercept	Sargen P-value	b difference	SE difference	Interaction P-value
									Pre-menopausal		
Males											
MR F-IVW	-0.04	0.26	-0.54	0.46	0.868	4.76E-02			0.03	0.23	-0.41
MR R-IVW	-0.04	0.28	-0.59	0.51	0.880	4.76E-02			0.03	0.30	-0.56
MR median	-0.04	0.40	-0.83	0.74	0.919				0.09	0.36	-0.62
MR robust	-0.01	0.25	-0.49	0.48	0.982				0.11	0.26	-0.41
MR-Egger	-0.20	0.28	-0.75	0.35	0.476		0.006		0.04	0.30	-0.56
MR -2SLS	-0.02	0.29	-0.59	0.55	0.938			0.327	-0.11	0.26	-0.63
Females											
MR F-IVW	0.03	0.16	-0.29	0.34	0.861	0.048			-0.11	0.12	-0.35
MR R-IVW	0.03	0.18	-0.32	0.37	0.874	0.048			-0.11	0.16	-0.43
MR median	0.05	0.25	-0.44	0.54	0.840				0.01	0.20	-0.38
MR robust	0.00	0.15	-0.29	0.30	0.990				-0.08	0.11	-0.32
MR-Egger	0.47	0.24	0.01	0.94	**0.045**		0.006		-0.12	0.22	-0.55
MR -2SLS	-0.06	0.19	-0.43	0