

Figure S2: funnel plots and leave-one-out of MR

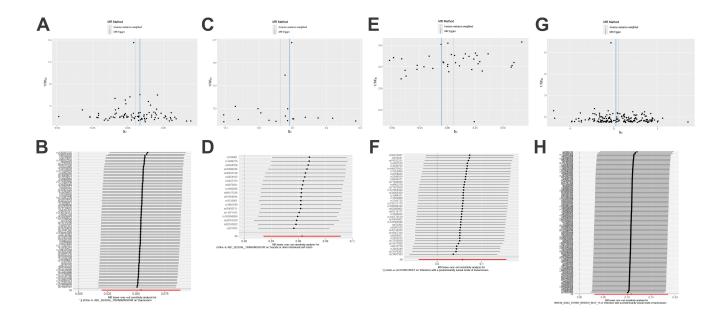


Figure S3: Forest plot for MR results of depression with 731 immune cells

id.exposure	nsnp		OR (95% CI)	pval
GCST90001396	18		0.943 (0.894 to 0.995)	3.3e-02
GCST90001397	32	_	1.041 (1.011 to 1.073)	
GCST90001427	29		0.961 (0.924 to 0.999)	
GCST90001454	19		1.065 (1.011 to 1.121)	1.8e-02
GCST90001454 GCST90001481	31		0.984 (0.968 to 0.999)	
GCST90001481 GCST90001482	34		0.981 (0.966 to 0.996)	4.5e-02
GCST90001482 GCST90001507	27		0.970 (0.943 to 0.998)	
GCST90001507 GCST90001508	35		0.978 (0.962 to 0.995)	1.1e-02
GCST90001508 GCST90001520	29		1.026 (1.007 to 1.045)	
GCST90001520 GCST90001521	29		1.028 (1.007 to 1.045)	
GCST90001521 GCST90001533	20		and the second	
GCST90001533 GCST90001534	16		1.039 (1.009 to 1.070)	
and the state of t			1.023 (1.002 to 1.043)	
GCST90001555	25		1.020 (1.004 to 1.037)	and the second second
GCST90001598	20		1.055 (1.006 to 1.107)	
GCST90001610	22		0.947 (0.903 to 0.994)	
GCST90001621	35		0.969 (0.940 to 0.998)	
GCST90001688	109	1	1.002 (1.000 to 1.004)	
GCST90001770	7		- 1.087 (1.009 to 1.170)	
GCST90001807	19		1.055 (1.007 to 1.105)	
GCST90001811	17		1.061 (1.017 to 1.107)	
GCST90001816	26		1.038 (1.006 to 1.070)	1.9e-02
GCST90001817	15		0.943 (0.898 to 0.990)	1.9e-02
GCST90001906	20		0.949 (0.910 to 0.990)	1.5e-02
GCST90001951	19	-	1.022 (1.002 to 1.043)	3.4e-02
GCST90001973	25		1.028 (1.005 to 1.051)	1.6e-02
GCST90001977	17		1.034 (1.000 to 1.068)	4.9e-02
GCST90001998	28		1.048 (1.020 to 1.076)	5.7e-04
GCST90002087	31		0.971 (0.944 to 0.997)	3.2e-02
GCST90002091	20		1.029 (1.007 to 1.051)	1.1e-02