

Supplementary Tables.

Table S1. Comparisons of the Major Depression Disorder (MDD) and Schizophrenia (SCZ) polygenic risk scores in the Mexican population.

	Bipolar Disorder		p-value	Schizophrenia		p-value
	No Substance Use	Dual Diagnosis		No Substance Use	Dual Diagnosis	
SCZ-PRS	0.0010 (0.0005 to 0.0014)	0.0011 (0.0008 to 0.0013)	0.6392	0.0011 (0.0008 to 0.0016)	0.0012 (0.0008 to 0.0015)	0.7409
MDD-PRS	-0.0047 (-0.0058 to -0.0035)	-0.0028 (-0.0041 to -0.0014)	0.0005	-0.0041 (-0.0054 to -0.0032)	-0.0040 (-0.0053 to -0.0027)	0.6099

Dual diagnosis was considered if a patient has a psychiatric disease diagnosed (BD or SCZ). SCZ-PRS: schizophrenia polygenic risk score, MDD-PRS: major depression disorder polygenic risk score. The reported p-value is result of a Mann-Whitney test.

Table S2. Total individuals by ancestry proportion classification.

MA global ancestry proportions (%)	Total sample	Bipolar Disorder	Schizophrenia	Controls
100 to 80], (n, %)	20 (10.42)	2 (10.00)	11 (55.00)	7 (35.00)
(80 to 60], (n, %)	50 (26.04)	14 (28.00)	17 (34.00)	19 (38.00)
(60 to 40], (n, %)	88 (45.83)	21 (23.86)	33 (37.50)	34 (38.64)
(40 to 20], (n, %)	25 (13.02)	10 (40.00)	8 (32.00)	7 (28.00)
(20 to 0], (n, %)	9 (4.69)	6 (66.67)	3 (33.33)	0 (0.00)

MA: Mexican Amerindian global ancestry.

Table S3. Comparisons of SCZ and MDD PRS by ancestry group.

SCZ-PRS	100 a 80	80 a 60	60 a 40	40 a 20
80 a 60	0.2188	-	-	-
60 a 40	0.00015	0.00142	-	-
40 a 20	1.8e-08	1.2e-07	0.00256	-
20 a 0	1.6e-08	2.0e-07	0.00041	0.2188
MDD-PRS				
	100 a 80	80 a 60	60 a 40	40 a 20
80 a 60	1.00	-	-	-
60 a 40	1.00	1.00	-	-
40 a 20	0.23	0.23	0.37	-
20 a 0	0.21	0.23	0.31	1.00

The reported are the p-values of a Mann-Whitney test between each group.