

SUPPLEMENTARY MATERIALS

Supplementary Table 1. <i>ABCD data release 3.0 variables used in current analysis</i>	1
Supplementary Table 2. <i>Generalized Linear Mixed Modelling results using full healthy control sample (n = 1597) after controlling for age, sex, race, and site</i>	2
Supplementary Figure 1. <i>Results of the p factor and the internalizing factor distinguishing between remitted depression patients and full sample healthy controls (n = 1597)</i>	3

Supplementary Table 1. *ABCD data release 3.0 variables used in current analysis*

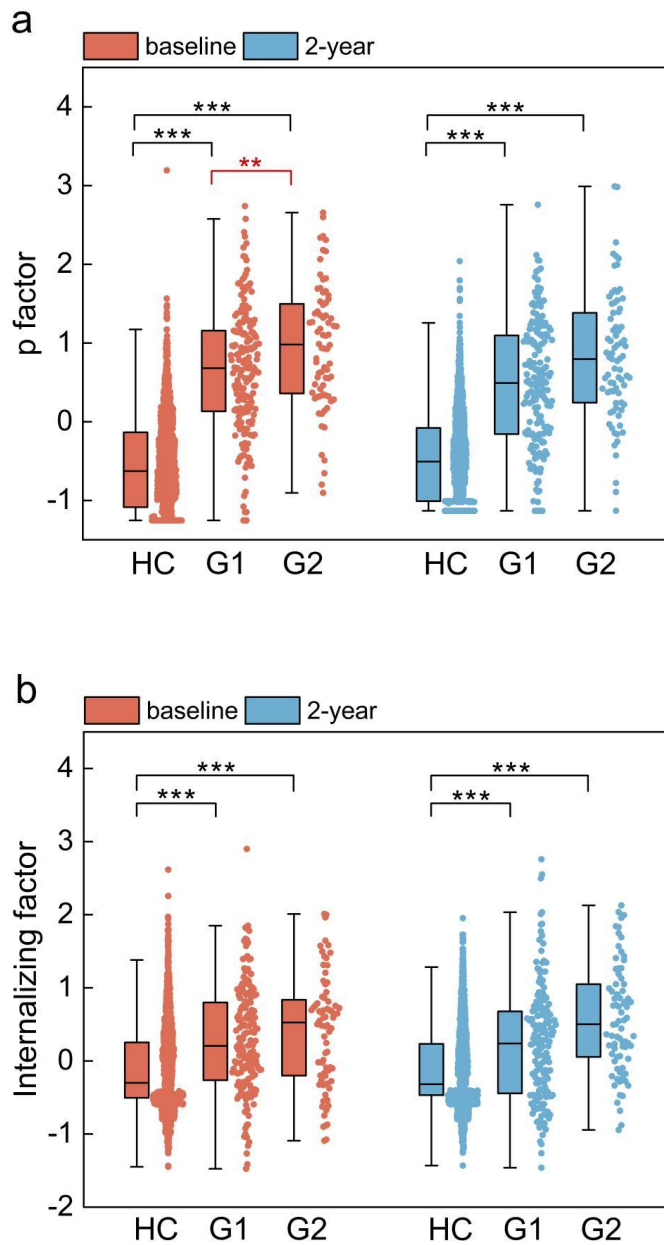
Variable labels in current report	Variable labels in dataset	Scales in dataset
Sex	sex	pdem02
Age	interview_age	pdem02
Site	site_id_1	abcd_lt01
Race/Ethnicity	race_ethnicity	acspsw03

Supplementary Table 2. *Generalized Linear Mixed Modelling results using full healthy control sample (n = 1597) after controlling for age, sex, race, and site*

Metrics	Distinguish between remitted depression patients and HC															
	HC vs. G1								HC vs. G2							
	Baseline				2-year				Baseline				2-year			
	β	<i>SE</i>	<i>p</i>	<i>p</i> _{FDR}	β	<i>SE</i>	<i>p</i>	<i>p</i> _{FDR}	β	<i>SE</i>	<i>p</i>	<i>p</i> _{FDR}	β	<i>SE</i>	<i>p</i>	<i>p</i> _{FDR}
P factor	1.71	0.11	<2×10 ⁻¹⁶	7.66×10 ⁻⁵²	1.37	0.096	<2×10 ⁻¹⁶	3.63×10 ⁻⁴⁶	2.00	0.18	<2×10 ⁻¹⁶	1.48×10 ⁻²⁹	1.75	0.15	<2×10 ⁻¹⁶	7.45×10 ⁻³¹
Internalizing factor	0.57	0.074	8.35×10 ⁻¹⁵	2.51×10 ⁻¹⁴	0.55	0.074	1.20×10 ⁻¹³	2.41×10 ⁻¹³	0.71	0.10	8.97×10 ⁻¹²	1.35×10 ⁻¹¹	0.98	0.11	<2×10 ⁻¹⁶	9.83×10 ⁻¹⁹

Note: *SE = Standard Error, p values in this table are the original p values before FDR correction.*

Supplementary Figure 1. Results of the *p* factor and the internalizing factor distinguishing between remitted depression patients and full sample healthy controls ($n = 1597$)



Note: (a) represents the distribution of the *p* factor in each group at both baseline and 2-year-follow-up measurements. (b) represents the distribution of the specific internalizing factor in each group at both baseline and 2-year-follow-up measurements. *** = $p < .001$, ** = $p < .01$. HC = full Healthy Control group. G1 = Remission group, G2 = Recurrence group.