



Figure 1: Analysis flow of the study, including network analysis in ALSPAC (a) and replication in TEDS (b)

ALSPAC: Avon Longitudinal Study of Parents and Children; TEDS: Twin Early Development Study; PGS: Polygenic Score; BMI: Body Mass Index; DEP: Depression; ANX: Anxiety; ADHD: attention deficit-hyperactivity disorder; EA: educational attainment; SDQ: Strength and Difficulties Questionnaire; SMFQ: Short Mood and Feelings Questionnaire; gLASSO: graphical least absolute shrinkage and selection operator; PC: principal component.