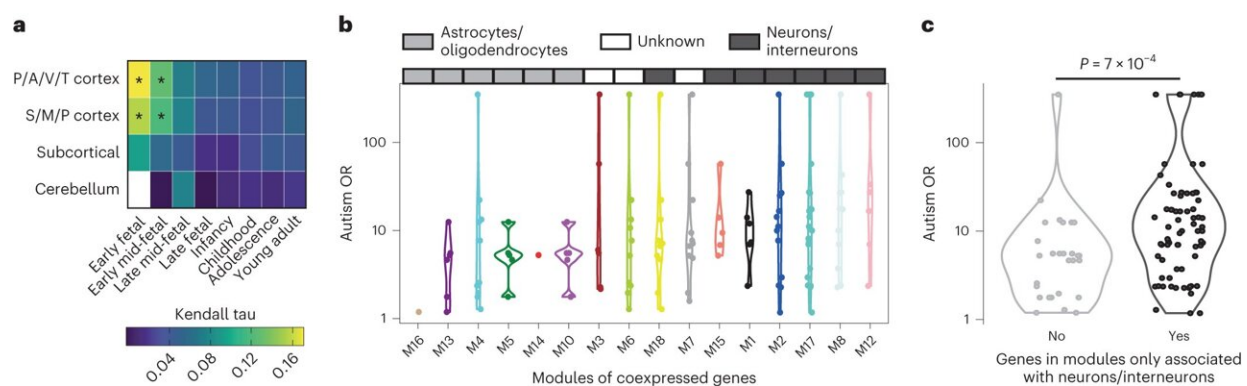


Autism-related genes in non-autistic individuals show a long-term socioeconomic influence

June 30 2023, by Justin Jackson



Relationship between gene expression profile and autism odds ratio (OR). a, Correlation between autism OR and gene expression in distinct brain regions and developmental periods for 130 genes for which at least one variant was identified among individuals with autism. Cortical regions were grouped as follows: posterior inferior parietal cortex, primary auditory cortex, primary visual cortex, superior temporal cortex and inferior temporal cortex (P/A/V/T cortex); primary somatosensory cortex, primary motor cortex, orbital prefrontal cortex, dorsolateral prefrontal cortex, medial prefrontal cortex and ventrolateral prefrontal cortex (S/M/P cortex). Correlations and P values measured by two-sided Kendall correlation tests between autism OR and gene expression (*nominal P

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