Title: ALTERED NEURONAL NETWORK CONNECTIVITY IN CHILDREN WITH FETAL ALCOHOL SPECTRUM DISORDER

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NON-EXPERT SUMMARY:
We investigated how Fetal Alcohol Spectrum Disorder (FASD) affects brain connections in children 6-8 years of age using noninvasive brain imaging. Comparing 52 children, half with FASD, we found differences in brain connectivity patterns. Children with FASD showed reduced connections in areas related to thinking and movement, while typically developing children had stronger connections in sensory and movement areas. These findings help us understand how FASD affects the brain's wiring and functioning.