

Supplemental File A: Summary of publications excluded at the full-text level with rationale for exclusion

Title	Authors	Year	Rationale for Exclusion	Comments
Ratings of fetal alcohol syndrome facial features by medical providers and biomedical scientists	Abel et al.	1993	No usable data	
Sensory processing and ADHD in children with fetal alcohol spectrum disorder	Abele-Webster et al.	2012	No usable data	
Fetal alcohol spectrum disorders and assessment of maxillary and mandibular arc measurements	Abell et al.	2016	No usable data - experimental	
An investigation of intra-individual variability in children with fetal alcohol spectrum disorder (FASD)	Ali et al.	2018	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other).
Prenatal alcohol consumption and fetal growth restriction: Potentiation effect by concomitant smoking	Aliyu et al.	2009	Duplicate cohort	
Binge alcohol exposure once a week in early pregnancy predicts temperament and sleeping problems in the infant	Alvik et al.	2011	No usable data – binge only	
Early fetal binge alcohol exposure predicts high behavioural symptom scores in 5.5-year-old children	Alvik et al.	2013	No usable data – binge only	
Relationships between ophthalmological and neuropaediatric findings in children adopted from Eastern Europe	Andersson et al.	2010	No usable data - median (range)	
Different brain profiles in children with prenatal alcohol exposure with or without early adverse exposures	Andre et al.	2020	No usable data	
Dermatoglyphic fluctuating asymmetry and total a-b ridge count as biomarkers for foetal alcohol syndrome: Analysis of children in Eastern Europe	Andreu-Fernandez et al.	2020	No usable data	
Brain Dysmorphology in individuals with severe prenatal alcohol exposure	Archibald et al.	2001	No usable data	
Children of alcoholic mothers	Aronson et al.	1985	No usable data	
A fetal alcohol syndrome screening tool	Astley & Clarren	1995	No control	
Measuring the facial phenotype of individuals with prenatal alcohol exposure: Correlations with brain dysfunction	Astley & Clarren	2001	No control	
Analysis of facial shape in children gestationally exposed to marijuana, alcohol, and/or cocaine.	Astley et al.	1992	No usable data	

Functional magnetic resonance imaging outcomes from a comprehensive magnetic resonance study of children with fetal alcohol spectrum disorders	Astley et al.	2009	No usable data - experimental	
Magnetic resonance spectroscopy outcomes from a comprehensive magnetic resonance study of children with fetal alcohol spectrum disorders	Astley et al.	2009	No usable data - experimental	
Palpebral fissure length measurement: Accuracy of the FAS facial photographic analysis software and inaccuracy of the ruler	Astley	2015	No usable data	
A case definition and photographic screening tool for the facial phenotype of fetal alcohol syndrome	Astley et al.	1996	No control	
Profile of the first 1,400 patients receiving diagnostic evaluations for fetal alcohol spectrum disorder at the Washington state fetal alcohol syndrome diagnostic and prevention network	Astley et al.	2010	No control	
Canadian palpebral fissure length growth charts reflect a good fit for two school and FASD Clinic-based U.S. populations	Astley et al.	2011	No usable data	
The essential role of growth deficiency in the diagnosis of the fetal alcohol spectrum disorder	Astley et al.	2016	No control	
Fetal alcohol spectrum disorders in Finland: Clinical delineation of 77 older children and adolescents	Autti-Rämö et al.	2006	No control	
The psychomotor development during the first year of life of infants exposed to intrauterine alcohol of various duration	Autti-Rämö & Grandstrom	1991	Differed across outcomes	Duplicate cohort for physical size and head circumference. No control for functional neuro.
MRI findings in children with school problems who had been exposed prenatally to alcohol	Autti-Rämö et al.	2002	Differed across outcomes	No control for physical size and functional neuro. No usable data for physical size.
Mental development of 2-year-old children exposed to alcohol in utero	Autti-Rämö et al.	1992	Differed across outcomes	Duplicate cohort for physical size and head circumference. No control for functional neuro.
Prenatal exposure to binge drinking and cognitive and behavioural outcomes at age 7 years	Bailey et al.	2004	No usable data – binge only	
Evaluating alcohol use among Russian women at risk for an alcohol-exposed pregnancy: A comparison of three measures of alcohol use	Balachova et al.	2018	No usable data	
Ten-year experience of fetal alcohol spectrum disorder; diagnostic and resource challenges in Indigenous children	Banerji & Shah	2017	No usable data	

Prenatal exposure to alcohol, caffeine, tobacco, and aspirin: Effects on Fine and gross Motor Performance in 4-year-old children	Barr et al.	1990	No usable data	
Binge drinking during pregnancy as a predictor of psychiatric disorders of the structural clinical interview of DSM-IV in young adult offspring	Barr et al.	2006	No usable data – binge only	
Identifying maternal self-reported alcohol use associated with fetal alcohol spectrum disorders	Barr & Streissguth	2001	No usable data	
Alcohol and the fetus in the west of Scotland	Beattie et al.	1983	No control	
The remarkably high relevance of epilepsy and seizure history in fetal alcohol spectrum disorders	Bell et al.	2010	No control	
Association of attention deficit hyperactivity disorder and gestational alcohol exposure	Bhatara et al.	2006	No usable data	
Re-examining the core-features of autism: a comparison study of autism spectrum disorder and fetal alcohol spectrum disorder	Bishop et al.	2007	No usable data	
Asymmetry-index and orthodontic facial analysis of children with fetal alcohol syndrome using 3D-facial Scans	Blanck-Lubarsch et al.	2020	Critical risk of bias	
Altered neural oscillations during multi-sensory integration in adolescents in fetal alcohol spectrum disorder	Bolanos et al.	2017	Duplicate cohort	
Corpus callosum shape and neuropsychological deficits in adult males with heavy fetal alcohol exposure	Bookstein et al.	2002	No usable data	
Midline corpus callosum is a neuroanatomical focus of fetal alcohol damage	Bookstein et al.	2002	No usable data	
Geometric morphometrics of corpus callosum and subcortical structures in the fetal- alcohol- affected brain	Bookstein et al.	2001	No usable data	
Seizures and electroencephalography findings in 61 patients with fetal alcohol spectrum disorders	Boronat et al.	2017	No control	
Correlation between morphological MRI findings and specific diagnostic categories in fetal alcohol spectrum disorders	Boronat et al.	2017	No control	
Prenatal alcohol exposure and sustained attention in preschool years	Boyd et al.	1991	No usable data	
Fetal alcohol syndrome: neuropsychiatric phenomics	Burd et al.	2003	No control	
An event-related potential study of response inhibition in ADHD with and without prenatal alcohol exposure	Burden et al.	2010	Differed across outcomes	No control for functional neuro (IQ). No relevant data (experimental) for functional neuro (other).

Relation of prenatal alcohol exposure to cognitive processing speed and efficiency in childhood	Burden et al.	2005	No usable data	
Sensory processing and adaptive behaviour deficits of children across the fetal alcohol spectrum disorder continuum	Carr et al.	2010	Differed across outcomes	No control for dysmorphology and functional neuro. No relevant data for dysmorphology
Fetal alcohol growth restriction and cognitive impairment	Carter et al.	2016	Duplicate cohort	
Alcohol-related alterations in placental imprinted gene expression in humans mediate effects of prenatal alcohol exposure in postnatal growth	Carter et al.	2018	Duplicate cohort	
Fetal alcohol-related growth restriction from birth through young adulthood and moderating effects of maternal pre-pregnancy weight	Carter et al.	2013	No usable data	
Fetal alcohol syndrome and fetal alcohol effects	Caruso & Bense	1993	No control	
Visual cognitive impairments in children at risk of prenatal alcohol exposure	Castillo Castejon et al.	2019	No usable data	
Prenatal exposure to alcohol and marijuana: effects on motor development of preschool children	Chandler et al.	1996	No usable data	
Neurodevelopmental functioning in children with FAS, pFAS, and ARND	Chasnoff et al.	2010	No control	
Maternal alcohol use during pregnancy, birth weight, and early behavioural outcomes	Chen	2012	No usable data	
Sleep problems in children with fetal alcohol spectrum disorders	Chen et al.	2012	No control	
Understanding specific effects of prenatal alcohol exposure on brain structure in young adults	Chen et al.	2012	Duplicate cohort	
Effects of maternal alcohol intake and smoking on neonatal electroencephalogram and anthropometric measurements	Chernick et al.	1983	No control	
Validity of the T-ACE in pregnancy in predicting child outcome and risk drinking	Chiodo et al.	2010	No usable data	
Hearing, language, speech, vestibular, and dentofacial disorders in fetal alcohol syndrome	Church et al.	1971	No control	
Facial effects of fetal alcohol exposure: assessment by photographs and morphometric analysis	Clarren et al.	1987	No usable data	
The association of prenatal alcohol exposure on the cognitive abilities and behaviour profiles of 4year old children: a prospective cohort study	Cluver et al.	2019	No usable data – binge only	
Primary visual response (M100) delays in adolescents with FASD as measured with MEG	Coffman et al.	2013	No usable data - experimental	

Characterising alcohol-related neurodevelopmental disorder: Prenatal alcohol exposure and the spectrum of outcomes	Coles et al.	2020	No usable data	
Early identification of risk for effects of prenatal alcohol exposure	Coles et al.	2000	No usable data – binge only	
Direct and indirect effects of prenatal alcohol damage on executive function	Connor et al.	2000	No usable data	
Effects of prenatal alcohol exposure on fine motor coordination and balance: A study of two adult samples	Connor et al.	2006	No usable data	
The demographic and neurocognitive profile of clients diagnosed with fetal alcohol spectrum disorder in patches paediatrics clinics across western australia and the northern territory	Connor et al.	2020	No control	
Neuropsychological deficits in fetal alcohol syndrome and fetal alcohol effects	Conry	1990	No usable data	
Alcohol, tobacco, and marijuana use among pregnant teenagers: 6-year follow-up of offspring growth effects	Cornelius et al.	2002	No usable data	
Prenatal alcohol use among teenagers: effects on neonatal outcomes	Cornelius et al.	1999	No control	
Casual inferences regarding prenatal alcohol exposure and childhood externalising problems	D’Onofrio et al.	2007	No usable data	
Cognitive functioning in children prenatally exposed to alcohol and psychotropic drugs	Dalen et al.	2009	No control	
Developmental delay of infants and young children with and without fetal alcohol spectrum disorder in North Cape Province, South Africa	Davies et al.	2011	No Control	
Prenatal exposure to alcohol: effect on infant growth and morphological characteristics	Day et al.	1989	No usable data	
The effects of prenatal alcohol use on the growth of children at three years of age	Day et al.	1991	No usable data	
Prenatal alcohol exposure and offspring growth at 18 months of age: the predictive validity of two measures of drinking	Day et al.	1991	No usable data	
Alcohol, marijuana, and tobacco: effects of prenatal exposure on offspring growth and morphology at age six	Day et al.	1994	No usable data	
Prenatal alcohol exposure predicts continued deficits in offspring size at 14 years of age	Day et al.	2002	No usable data	
Prenatal alcohol use and offspring size at 10 years of age	Day et al.	1999	No usable data	
Prenatal alcohol exposure, CYP17 gene polymorphisms and fetal growth restrictions	Delpisheh et al.	2008	No usable data	

Strengthening the case: prenatal alcohol exposure is associated with increased risk of conduct disorder	Disney et al.	2008	No usable data	
Differences in cortico-striatal-cerebellar activation during working memory in syndromal and nonsyndromal children with prenatal alcohol exposure	Diwadkar et al	2013	Differed across outcomes	Duplicate cohort for functional neuro. No relevant data for functional neuro and structural neuro.
Protective effects of the alcohol dehydrogenase-ADH1B*3 allele on attention and behaviour problems in adolescents exposure to alcohol during pregnancy	Dodge et al.	2014	No usable data	
Prenatal alcohol exposure and interhemispheric transfer of tactile information: detroit and cape town findings	Dodge et al.	2009	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (others)
A study on the effects of prenatal alcohol exposure on white matter microstructural integrity at birth	Donald et al.	2015	Duplicate cohort	
Eye feature extraction for diagnosing the facial phenotype associated with fetal alcohol syndrome	Douglas et al.	2003	No usable data	
Eye measurements in 7-year-old black South African children	Douglas & Viljoen	2006	No usable data	
Diagnosing fetal alcohol syndrome: new insights from newer genetic technology	Douzgou et al.	2012	No usable data	
Relation between oppositional/conduct behaviours and executive function among youth with histories of heavy prenatal alcohol exposure	Doyle et al.	2019b	Duplicate cohort	
An in-vivo 1H magnetic resonance spectroscopy study of the deep cerebellar	du Plessis et al.	2014	No usable data - experimental	
Functional handwriting performance in school-age children with fetal alcohol spectrum disorders	Duval-White et al.	2013	No control	
Magnetic resonance imaging (MRI) findings among children with fetal alcohol syndrome (FAS), partial fetal alcohol syndrome (pFAS) and alcohol related neurodevelopmental disorders	Dylag et al.	2016	No control	
Effects of prenatal alcohol consumption on cognition development and ADHD-related behaviour in primary-school age: a multilevel study based on menonium ethyl gulcurionide	Eichler et al.	2018	No usable data	
Maternal alcohol use during pregnancy and offspring attention-deficit hyperactivity (ADHD): a prospective sibling control study	Eilertsen et al.	2017	No usable data	

Fetal alcohol syndrome: a prospective national surveillance study	Elliott et al.	2008	No control	
Factors predictive of a fetal alcohol spectrum disorder: near psychological assessment	Enns & Taylor	2018	No Control	
Alcohol-related birth defects: syndromal anomalies, intrauterine growth retardation, and neonatal behavioral assessment	Ernhart et al.	1985	No usable data	
Teratogenicity in the human: A detailed assessment of specificity, critical period, and threshold	Ernhart et al.	1987	No usable data	
Mental illness in adults with fetal alcohol effects	Famy et al.	1998	No control	
White matter integrity of the cerebellar peduncles as a mediator of effects of prenatal alcohol exposure on eye blink conditioning	Fan et al.	2015	Duplicate cohort	
Automated diagnostic of fetal alcohol syndrome using 3D facial image analysis	Fang et al.	2008	No usable data - experimental	
Mental and motor development of children with preterm birth and children with fetal alcohol syndrome	Feldman & Girke	2015	No control	
Patterns of prenatal alcohol exposure and associated non-characteristic minor structural malformations: a prospective study	Feldman et al.	2011	No control	
Prenatal alcohol exposure patterns and alcohol-related birth defects and growth deficiencies: a prospective study	Feldman et al.	2012	No control	
Cortical thickness in fetal alcohol syndrome and attention deficit disorder	Fernandez-Jaen et al.	2011	No control	
Prevalence of fetal alcohol spectrum disorder among high-risk children and adolescents in a correctional facility	Fisher et al.	2019	No usable data	
Prevalence and profile of neurodevelopment and fetal alcohol spectrum disorder (fasd) amongst australian aboriginal children living in remote communities	Fitzpatrick et al.	2017	No usable data	
Prevalence of fetal alcohol syndrome in a population-based sample of children living in remote Australia: The Lililwan* Project	Fitzpatrick et al.	2015	No control	
Sensory processing in young children with fetal alcohol spectrum disorder	Fjeldsted & Xue	2019	No control	
Effects of ethanol consumption during pregnancy and lactation on the outcome and postnatal growth of the offspring	Flores-Huerta et al.	1992	No usable data	
Children with fetal alcohol spectrum disorders: problem behaviors and sensory processing	Franklin et al.	2008	No control	

Challenges in accurately assessing prenatal alcohol exposure in a study of fetal alcohol spectrum disorder in a youth detention center	Freeman et al.	2019	No usable data	
Prenatal alcohol exposure is associated with adverse cognitive effects and distinct whole-genome dna methylation patterns in primary school children	Frey et al.	2018	No usable data	
Evaluation of psychopathological conditions in children with heavy prenatal alcohol exposure	Fryer et al.	2007	Duplicate cohort	
Prenatal alcohol exposure affects frontal–striatal bold response during inhibitory control	Fryer et al.	2007	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (others)
Palpebral fissure size revisited	Fuchs et al.	1980	No usable data	
Overweight and obesity among children and adolescents with fetal alcohol spectrum disorders	Fugelstad et al.	2014	No control	
Executive functioning deficits in preschool children with fetal alcohol spectrum disorders	Fugelstad et al.	2015	No usable data	
Oral narrative of individuals with fetal alcohol spectrum disorder	Ganthous et al.	2017	Duplicate cohort	
Developmental trajectories for visuo-spatial attention are altered by prenatal alcohol exposure: a longitudinal fmri study	Gautam et al.	2015	No usable data - experimental	
An ERP study of response inhibition in the auditory domain in children with fetal alcohol spectrum disorders	Gerhold et al.	2017	No usable data - experimental	Control group includes exposure
A longitudinal analysis of the effect of prenatal alcohol exposure on growth	Geva et al.	1993	No usable data	
A cephalometrck assessment of children with fetal alcohol syndrome	Gir et al.	1989	Differed across outcomes	No control for physical size. No usable data for dysmorphology.
Exposure to alcohol in utero: Influence on cognitive function and learning in a northern elementary school population	Godel et al.	2000	No usable data	
A decision tree to identify children affected by prenatal alcohol exposure	Goh et al.	2016	Duplicate cohort	
Independent dysmorphology evaluations at birth and 4 years of age for children exposed to varying amounts of alcohol in utero	Graham et al.	1988	No usable data	
Diffusion tensor imaging correlates of saccadic reaction time in children with fetal alcohol spectrum disorder	Green et al.	2013	No usable data - experimental	
Executive function deficits in children with fetal alcohol spectrum disorders (FASD) measured using the Cambridge Neuropsychological Tests Automated Battery (CANTAB)	Green et al.	2009	No usable data	

Oculomotor control in children with fetal alcohol spectrum disorders assessed using a mobile eye-tracking laboratory	Green et al.	2009	No usable data	
Prenatal alcohol exposure and cognitive development in the preschool years	Greene et al.	1991	No usable data	
The Toronto experience in diagnosing alcohol-related neurodevelopmental disorder: A unique profile of deficits and assets	Greenbaum et al.	2002	No control	
Objective measures of executive functioning are highly discrepant with parent-report in fetal alcohol spectrum disorders	Gross et al.	2015	No control	
Bone age and growth in fetal alcohol syndrome	Habbick et al.	1998	No usable data	
Foetal alcohol syndrome in saskatchewan: unchanged incidence in a 20-year period	Habbick et al.	1996	No control	
Infant stress reactivity and prenatal alcohol exposure	Haley et al.	2006	No usable data	
Results of heavy drinking in pregnancy	Halliday et al.	1982	No control	
Alcohol counselling of 85 pregnant problem drinkers: effect on drinking and fetal outcome	Halmesmaki	1988	No control	
A retrospective study on the safety of prenatal ethanol treatment	Halmesmaki & Ylikorkala	1988	No usable data	
Ten years of evidence for the diagnostic assessment of preschoolers with prenatal alcohol exposure	Hanlon-Dearman et al.	2020	No control	
Fetal alcohol syndrome experience with 41 patients	Hanson et al.	1976	No control	
Electroencephalographic correlates of working memory deficits in children with fetal alcohol spectrum disorder using a single-electrode pair recording device	Hemington & Reynolds	2014	No usable data - experimental	
High facial specificity and positive predictive value are required to diagnose fetal alcohol syndrome when prenatal alcohol exposure is unknown	Hemingway	2020	No usable data	
Motor performance and sensory processing behaviors among children with fetal alcohol spectrum disorders compared to children with developmental coordination disorders	Hen-Herbst et al.	2020	No control	
Two-year cortical trajectories are abnormal in children and adolescents with prenatal alcohol exposure	Hendrickson et al.	2018	Differed across outcomes	No usable data for physical size. Duplicate cohort for dysmorphology and head circumference.
Gender and attention deficits in children diagnosed with a fetal alcohol spectrum disorder	Herman et al.	2008	No usable data	

Maternal smoking and drinking during pregnancy and the risk for child and adolescent psychiatric disorders	Hill et al.	2000	No usable data	
Prenatal alcohol exposure and childhood balance ability: findings from a UK birth cohort study	Humphriss et al	2013	No usable data	
Objective assessment of ADHD core symptoms in children with heavy prenatal alcohol exposure	Infante et al.	2015	Duplicate cohort	
Prediction of subsequent motor and mental retardation in newborn infants exposed to alcohol in utero by computerized eeg analysis	Ioffe & Chernick	1990	No control	
Teratogenic effects of alcohol on infant development	Jacobson et al.	1993	No usable data	
Impaired eyeblink conditioning in children with fetal alcohol syndrome	Jacobson et al.	2008	No control	
Number processing in adolescents with prenatal alcohol exposure and adhd: differences in the neurobehavioral phenotype	Jacobson et al.	2011	No usable data	
Evolution of the physical phenotype of fetal alcohol spectrum disorders from childhood through adolescence	Jacobson et al.	2021	No usable data	
Human brain abnormalities associated with prenatal alcohol exposure and fetal alcohol spectrum disorder	Jarmasz et al.	2017	No control	
The effect of low to moderate prenatal alcohol exposure and binge drinking episodes on draw-a- person at age 5 years	Jensen et al.	2015	Duplicate cohort	
Occurrence of central nervous system malformation in fetal alcohol syndrome	Jhaveri et al.	1997	No usable data	
Parenting stress and sensory processing: children with fetal alcohol spectrum disorders	Jirikowic et al.	2012	No control	
Regulatory behaviors and stress reactivity among infants at high risk for fetal alcohol spectrum disorders: an exploratory study	Jirikowic et al.	2016	No control	
Prevalence and patterns of sensory processing behaviors in a large T clinical sample of children with prenatal alcohol exposure	Jirikowic et al.	2020	No control	
Accuracy of motor assessment in the diagnosis of fetal alcohol spectrum disorder	Johnston	2019	No usable data	
Fetal alcohol spectrum disorders: extending the range of structural defects	Jones et al.	2010	No control	
Amplitude by peak interaction but no evidence of auditory mismatch response deficits to frequency change in preschool-aged children with fetal alcohol spectrum disorders	Kabella et al.	2018	No usable data - experimental	

The impact of prenatal alcohol exposure on neurophysiological encoding of environmental events at six months	Kable & Coles	2004	No control	
Cardiac orienting responses differentiate the impact of prenatal alcohol exposure in ukrainian toddlers	Kable et al.	2016	Duplicate cohort	
Prefrontal cortical responses in children with prenatal alcohol-related neurodevelopmental impairment: A functional near-infrared spectroscopy study	Kable et al.	2017	Duplicate cohort	
Neurodevelopmental outcomes associated with prefrontal cortical deoxygenation in children with fetal alcohol spectrum disorders	Kable et al.	2020	Differed across outcomes	No usable data for physical size. No control group for all outcomes. Duplicate cohort for functional neuro.
Comparison of motor delays in young children with fetal alcohol syndrome to those with prenatal alcohol exposure and with no prenatal alcohol exposure	Kalberg et al.	2006	No usable data	
Early-life predictors of fetal alcohol spectrum disorders	Kalberg et al.	2019	No control	
Association of adverse childhood experiences and neurodevelopmental disorders in people with fetal alcohol spectrum disorders (FASD) and non-FASD controls	Kambeitz et al.	2019	No usable data	
Auditory event-related potentials in fetal alcohol syndrome and down's syndrome children	Kaneko et al.	1996	Duplicate cohort	
EEG findings in fetal alcohol syndrome and Down syndrome children	Kaneko et al.	1996	Duplicate cohort	
Neurobehavioral effects of prenatal alcohol exposure at 26 months	Kaplan-Estrin et al.	1999	No control	
Cognitive deficits in nonretarded adults with fetal alcohol syndrome	Kerns et al.	1997	No usable data	
Are low-to-moderate average alcohol consumption and isolated episodes of binge drinking in early pregnancy associated with facial features related to fetal alcohol syndrome in 5-year-old children?	Kesmodel et al.	2019	No usable data	
Low to moderate average alcohol consumption and binge drinking in early pregnancy: effects on choice reaction time and information processing time in five- year-old children	Kilburn et al.	2015	Differed across outcomes	Duplicate cohort for physical size. No usable data for functional neuro.
Validation of the polish version of the washington 4-digit diagnostic code for the assessment of fetal alcohol spectrum disorders	Klecka et al.	2017	No usable data	
Prenatal alcohol exposure alters the patterns of facial asymmetry	Klingenberg et al.	2010	No usable data	
Body mass index in fetal alcohol syndrome	Klug et al.	2003	No control	

Differential recruitment of brain regions during response inhibition in children prenatally exposed to alcohol	Kodali et al.	2017	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other)
Differing attention deficits in children with fatal alcohol spectrum disorder or attention deficit hyperactivity disorder	Kooistra et al.	2010	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (figures) for functional neuro (other)
Comparing attentional networks in fetal alcohol spectrum disorder and the inattentive and combined subtypes of attention deficit hyperactivity disorder	Kooistra et al.	2011	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other)
Impairments of number processing induced by prenatal alcohol exposure	Kopera-Frye	1996	No usable data	
Cognitive impairments at two years of age after prenatal alcohol exposure or perinatal asphyxia	Korkman et al.	1994	Differed across outcomes	No control for functional neuro. No usable data for functional neuro. Duplicate cohort for physical size.
Neurocognitive impairment in early adolescence following prenatal alcohol exposure of varying duration	Korkman et al.	2003	No control	
Source monitoring in children with and without fetal alcohol spectrum disorders	Kully-Martens et al.	2012	Differed across outcomes	No control for physical size and dysmorphology. No usable data (experimental) for functional neuro.
Affective decision-making on the iowa gambling task in children and adolescents with fetal alcohol spectrum disorders	Kully-Martens et al.	2013	No usable data	
Characteristics of children who have full or incomplete fetal alcohol syndrome	Kvigne et al.	2004	Critical risk of bias	
Behavioral correlates of prenatal alcohol exposure: a four-year follow-up study	Landesman-Dwyer & Ragozin	1981	No usable data	
Prenatal alcohol exposure and neurodevelopmental disorders in children adopted from eastern europe	Landgren et al.	2010	No control	
Fetal alcohol spectrum disorder: neurodevelopmentally and behaviorally indistinguishable from other neurodevelopmental disorders	Lange et al.	2019	No usable data	

Prenatal alcohol exposure is associated with conduct disorder in adolescence: findings from a birth cohort	Larkby et al.	2011	No usable data	
Moderate prenatal alcohol exposure and psychomotor development at preschool age	Larroque et al.	1995	No control	
Prenatal alcohol exposure and signs of minor neurological dysfunction at preschool age	Larroque et al.	2000	No control	
The medical symptom validity test measures effort not ability in children: a comparison between mild tbi and fetal alcohol spectrum disorder samples	Larson et al.	2015	No control	
Prospective study of children exposed to variable amounts of alcohol in utero	Larsson et al.	1985	No control	
Brain diffusion abnormalities in children with fetal alcohol spectrum disorder	Lebel et al.	2008	No control	
Brain microstructure is related to math ability in children with fetal alcohol spectrum disorder	Lebel et al.	2010	Duplicate cohort	
Association of fatty acid ethyl esters in meconium of neonates with growth deficits at birth: a prospective, single-centre cohort study	Lee et al.	2018	No usable data	
Prenatal substance exposure: effects on attention and impulsivity of 6-year-olds	Leech et al.	1999	No usable data	
Maternal drug or alcohol abuse is associated with decreased head size from mid-pregnancy to childhood	Lehikoinen et al.	2016	No usable data	
Infant irritability: the impact of fetal alcohol exposure, maternal depressive symptoms, and low emotional support from the husband	Lemola et al.	2009	No usable data	
Cortical miscommunication after prenatal exposure to alcohol	Lewis et al.	2016	No usable data - experimental	
Prospective memory impairment in children with prenatal alcohol exposure	Lewis et al.	2016	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (others)
Fetal alcohol exposure alters bold activation patterns in brain regions mediating the interpretation of facial affect	Lindinger et al.	2021	No usable data - experimental	
Altered functional connectivity observed at rest in children and adolescents prenatally exposed to alcohol	Little et al.	2018	Duplicate cohort	
Altered brain white matter connectome in children and adolescents with prenatal alcohol exposure	Long et al.	2020	No usable data - experimental	

The prevalence of fetal alcohol syndrome and its impact on a child's classroom performance: a case study of a rural south african school	Lubbe et al.	2017	No control	
The bruininks-oseretsky test of motor proficiency-short form is reliable in children living in remote australian aboriginal communities	Lucas et al.	2013	No usable data	
Pre-natal exposures to cocaine and alcohol and physical growth patterns to age 8 years	Lumeng et al.	2007	No usable data	
Evaluation of spatial working memory function in children and adults with fetal alcohol spectrum disorders: a functional magnetic resonance imaging study	Malisza et al.	2005	No usable data	
Prenatal alcohol exposure and the facial phenotype in adolescents: a study based on meconium ethyl glucuronide	Maschke et al.	2021	No usable data	
Focused and shifting attention in children with heavy prenatal alcohol exposure	Mattson et al.	2006	No usable data - experimental	
Verbal learning and memory in children with fetal alcohol syndrome	Mattson et al.	1996	Duplicate cohort	
Neuropsychological comparison of alcohol-exposed children with or without physical features of fetal alcohol syndrome	Mattson et al.	1998	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (other)
Executive functioning in children with heavy prenatal alcohol exposure	Mattson et al.	1999	Duplicate cohort	
Global — local processing in children prenatally exposed to alcohol	Mattson et al.	1996	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other)
Maternal alcohol consumption producing fetal alcohol spectrum disorders (FASD): Quantity, frequency, and timing of drinking	May et al.	2013	No usable data	
Maternal risk factors predicting child physical characteristics and dysmorphology in fetal alcohol syndrome and partial fetal alcohol syndrome	May et al.	2011	No usable data	
Who is most affected by prenatal alcohol exposure: Boys or girls?	May et al.	2017	No usable data	
Prevalence of fetal alcohol spectrum disorders in 4 us communities	May et al.	2018	No usable data	
Deficits in social problem solving in adolescents with prenatal exposure to alcohol	McGee et al.	2009	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (other)
Evaluating the psycholegal abilities of young offenders with fetal alcohol spectrum disorder	McLachlan et al.	2014	No usable data	

Assessing fasd in young children: exploring clinical complexities and diagnostic challenges	McLachlan et al.	2015	No control	
Difficulties in daily living experienced by adolescents, transition-aged youth, and adults with fetal alcohol spectrum disorder	McLachlan et al.	2020	No control	
The importance of psychosocial variables in predicting low birth weight	Mehl-Madrone	2004	No usable data	
The use of cardiac orienting responses as an early and scalable biomarker of alcohol-related neurodevelopmental impairment	Mesa et al.	2017	No usable data	
Association of fatty acid ethyl esters in meconium and cognitive development during childhood and adolescence	Min et al.	2015	No usable data	
Comparisons of the BRIEF parental report and neuropsychological clinical tests of executive function in Fetal Alcohol Spectrum Disorders: data from the UK national specialist clinic	Mohamed et al.	2019	No control	
Infant emotional withdrawal: a precursor of affective and cognitive disturbance in fetal alcohol spectrum disorders	Molteno et al.	2014	No control	
The prevalence of fetal alcohol spectrum disorders in an american indian community	Montag et al.	2019	No usable data	
The subtle facial signs of prenatal exposure to alcohol: An anthropometric approach	Moore et al.	2001	No usable data	
Unique facial features distinguish fetal alcohol syndrome patients and controls in diverse ethnic populations	Moore et al.	2007	No control	
Pituitary lacks sexual dimorphism and displays reduced signal intensity on T1-weighted MRI in adolescents with histories of heavy prenatal alcohol exposure	Moore et al.	2016	No usable data	
Autism and autistic traits in people exposed to heavy prenatal alcohol: data from a clinical series of 21 individuals and nested case control study	Mukherjee et al.	2011	No usable data	
Neurodevelopmental outcomes in individuals with fetal alcohol spectrum disorder (FASD) with and without exposure to neglect: Clinical cohort data from a national FASD diagnostic clinic	Mukherjee et al.	2019	No usable data	
Morphometric analysis of facial landmark data to characterize the facial phenotype associated with fetal alcohol syndrome	Mutsvangwa & Douglas	2007	No usable data - experimental	
Morphometric analysis and classification of the facial phenotype associated with fetal alcohol syndrome in 5- and 12-year-old children	Mutsvangwa et al.	2010	No usable data - experimental	
Attention deficits in children exposed to alcohol prenatally	Nanson & Hiscock	1990	No usable data	

Identifying the behavioural phenotype in fetal alcohol spectrum disorder: sensitivity, specificity and screening potential	Nash et al.	2006	No usable data	
A differential approach for examining the behavioral phenotype of fetal alcohol spectrum disorders	Nash et al.	2011	No usable data	
Towards identifying a characteristic neuropsychological profile for fetal alcohol spectrum disorders	Nash et al.	2013	No control	
A case for early screening: prenatal alcohol risk exposure predicts risk for early childhood communication delays	Netelenbos et al.	2020	No usable data	
Children with heavy prenatal alcohol exposure have different frequency domain signal characteristics when producing isometric force	Nguyen et al.	2013	Duplicate cohort	
Children with heavy prenatal alcohol exposure experience reduced control of isotonic force	Nguyen et al.	2013	Duplicate cohort	
Seizures in fetal alcohol spectrum disorders: Evaluation of clinical, electroencephalographic, and neuroradiologic features in a pediatric case series	Nicita et al.	2014	No control	
Parental alcoholism and early child development	Nordberg et al.	1994	No usable data	
An fmri study of spatial working memory in children with prenatal alcohol exposure: contribution of familial history of alcohol use disorders	Norman et al.	2013	Duplicate cohort	
Neurobehavioural and medical effects of prenatal alcohol and cigarette use: data from the Dublin child development study	Nugent et al.	1991	No usable data	
Effect of predictive cuing on response inhibition in children with heavy prenatal alcohol exposure	O'Brien et al.	2013	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other)
Prenatal alcohol exposure and depressive features in children	O'Connor & Kasari	2000	No usable data	
Alcohol use in primiparous women older than 30 years of age: relation to infant development	O'Connor et al.	1986	No control	
Psychiatric illness in a clinical sample of children with prenatal alcohol exposure	O'Connor et al.	2002	No control	
Mapping cerebellar vermal morphology and cognitive correlates in prenatal alcohol exposure	O'Hare et al.	2005	No usable data	

A new method of prenatal alcohol classification accounting for dose, pattern and timing of exposure: improving our ability to examine fetal effects from low to moderate alcohol	O'Leary et al.	2010	Duplicate cohort	
Differential neuroimaging indices in prefrontal white matter in prenatal alcohol-associated ADHD versus idiopathic ADHD	O'Neill et al.	2019	No usable data - experimental	
Effects on the child of alcohol abuse during pregnancy	Olegvård et al.	1979	No usable data	
Burden of fetal alcohol syndrome in a rural West Coast area of South Africa	Olivier et al.	2013	No usable data	
Is moderate alcohol intake in pregnancy associated with the craniofacial features related to the fetal alcohol syndrome?	Olsen & Tuntiseranee	1995	No usable data	
Prenatal exposure to alcohol and school problems in late childhood: A longitudinal prospective study	Olson et al.	1992	No usable data	
Association of prenatal alcohol exposure with behavioural and learning problems in early adolescence	Olson et al.	1997	No usable data	
Prenatal alcohol use as a risk for attention-deficit/hyperactivity disorder	Pagnin et al.	2019	No usable data	
Prenatal alcohol exposure, child externalizing behavior, and maternal stress	Paley et al.	2005	No usable data	
Eye movements reveal sexually dimorphic deficits in children with fetal alcohol spectrum disorder	Paolozza et al.	2015	No usable data - experimental	
Immediate neural plasticity involving reaction time in a saccadic eye movement task is intact in children with fetal alcohol spectrum disorder	Paolozza et al.	2016	No usable data - experimental	
Diffusion tensor imaging of white matter and correlates to eye movement control and psychometric testing in children with prenatal alcohol exposure	Paolozza et al.	2017	No usable data	
Altered accuracy of saccadic eye movements in children with fetal alcohol spectrum disorder	Paolozza et al.	2013	No usable data	
The language profile of school-aged children with fetal alcohol spectrum disorder (FASD)	Proven et al.	2014	No control	
Intelligence, behavior, and dysmorphogenesis in the fetal alcohol syndrome: A report on 20 patients	Pytkowicz Streissguth et al.	1978	No control	
Fetal alcohol syndrome in adolescents and adults	Pytkowicz Streissguth et al.	1991	No control	
Comparisons of intelligence and behavior in children with fetal alcohol spectrum disorder and adhd	Raldiris et al.	2018	No control	
Cognitive and executive functions, social cognition and sense of coherence in adults with fetal alcohol syndrome	Rangmar et al.	2015	No usable data	

Memory strategy development in children with foetal alcohol spectrum disorders	Rasmussen et al.	2009	No control	
Executive functioning in children with fetal alcohol spectrum disorders: profiles and age- related differences	Rasmussen & Bisanz	2009	No control	
The relation between mathematics and working memory in young children with fetal alcohol spectrum disorders	Rasmussen & Bisanz	2011	No control	
The impact of an adhd co-morbidity on the diagnosis of fasd	Rasmussen et al.	2010	No control	
Neurobehavioral functioning in children with fetal alcohol spectrum disorder	Rasmussen et al.	2006	No control	
Profile of children diagnosed with a fetal alcohol spectrum disorder: A retrospective chart review	Reid et al.	2017	No control	
The effect of prenatal alcohol, marijuana, and tobacco exposure on neonatal behavior	Richardson et al.	1989	No usable data	
Prenatal alcohol, marijuana, and tobacco use: infant mental and motor development	Richardson et al.	1995	No usable data	
Prenatal alcohol and marijuana exposure: Effects on neuropsychological outcomes at 10 years	Richardson et al.	2002	No usable data	
Brain perfusion SPECT and MRI in foetal alcohol syndrome	Riikonen et al.	1999	No control	
Deep serotonergic and dopaminergic structures in fetal alcoholic syndrome: a study with nor--cit- single-photon emission computed tomography and magnetic resonance imaging volumetry	Riikonen et al.	2005	No control	
Low-moderate prenatal alcohol exposure and risk to child behavioural development: a prospective cohort study	Robinson et al.	2010	No control	
Maternal alcohol use and children's emotional and cognitive outcomes in rural South Africa	Rochat et al.	2019	No usable data	
Is prenatal alcohol exposure related to inattention and hyperactivity symptoms in children? Disentangling the effects of social adversity	Rodriguez et al.	2009	No usable data	
Prenatal exposure to alcohol affects the ability to maintain postural balance	Roebuck et al.	1998	Differed across outcomes	Duplicate cohort for physical size. No usable data for functional neuro.
Neuromuscular responses to disturbance of balance in children with prenatal exposure to alcohol	Roebuck et al.	1998	Differed across outcomes	Duplicate cohort for physical size. No usable data for functional neuro.
Behavioral and psychosocial profiles of alcohol-exposed children	Roebuck et al.	1999	Duplicate cohort	

Bimanual coordination in alcohol-exposed children: Role of the corpus callosum	Roebuck-Spencer et al.	2004	No usable data - experimental	
Structural and functional brain network alterations in prenatal alcohol exposed neonates	Roos et al.	2020	No usable data	Duplicate cohort
Alcohol use in pregnancy, craniofacial features, and fetal growth	Rostand et al.	1990	No control	
Frontostriatal connectivity in children during working memory and the effects of prenatal methamphetamine, alcohol, and polydrug exposure	Roussotte et al.	2012	No usable data	
Abnormal brain activation during working memory in children with prenatal exposure to drugs of abuse: The effects of methamphetamine, alcohol, and polydrug exposure	Roussotte et al.	2011	Duplicate cohort	
Measures of maternal alcohol use as predictors of development in early childhood	Russell et al.	1991	No usable data	Unusable PAE measure (pre-pregnancy)
Behaviour and adaptive functioning in children and young people with fetal alcohol spectrum disorders: a UK study	Sakano et al.	2019	No control group	
Biopsychosocial effects of foetal alcohol syndrome among children from the Interventional Care Facility in Otwork	Sek et al.	2017	No usable data	
Neurobehavioral effects of prenatal alcohol: part ii. partial least squares analysis	Sampson et al.	1989	No usable data	
The effects of prenatal alcohol exposure on adolescent cognitive processing: a speedy-accuracy tradeoff	Sampson et al.	1997	No usable data - experimental	
Prenatal alcohol exposure, birthweight, and measures of child size from birth to age 14 years	Sampson et al.	1994	No usable data	
Construct and factorial validity of Neurobehavioral Disorder associated with Prenatal Alcohol Exposure (ND-PAE)	Sanders et al.	2020	No usable data	
Effects of prenatal alcohol exposure on brain activation during an arithmetic task: an fmri study	Santhanam et al.	2009	No usable data	
Default mode network dysfunction in adults with prenatal alcohol exposure	Santhanam et al.	2011	Differed Across Outcomes	Duplicate cohort for functional neuro (IQ and others). No usable data for structural neuro.
Prenatal alcohol consumption and infant and child behavior: Evidence from T the Growing Up in New Zealand Cohort	Schoeps et al.	2018	No usable data	
Alcohol exposure in utero and child academic achievement	Scholder et al.	2014	No usable data	

Executive functioning predicts social skills following prenatal alcohol exposure	Schonfeld et al.	2006	No control group	
Maternal prenatal substance use and behavior problems among children in the u.s.	Sen & Swaminathan	2007	No usable data	
Association between prenatal exposure to alcohol and tobacco and neonatal brain activity	Shuffrey et al.	2020	No usable data	
Motor response programming and movement time in children with heavy prenatal alcohol exposure	Simmons et al.	2010	No usable data - experimental	
Fractionated simple and choice reaction time in children with prenatal exposure to alcohol	Simmons et al.	2002	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (other).
Motor response selection in children with fetal alcohol spectrum disorders	Simmons et al.	2006	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for functional neuro (other).
Association of fatty acid ethyl esters in meconium with behavior during childhood	Singer et al.	2021	No usable data	
Intrinsic defects in the fetal alcohol syndrome: studies on 76 cases from British Columbia and the Yukon territory	Smith et al.	1981	No usable data	
The effect of volume and duration of prenatal ethanol exposure on neonatal physical and behavioral development	Smith et al.	1986	Duplicate cohort	
Morphometry of the neonatal fetal alcohol syndrome face from snapshots	Sokol et al.	1991	No usable data	
Significant determinants of susceptibility to alcohol teratogenicity	Sokol et al.	1986	No control group	
Voxel-based morphometric analyses of the brain in children and adolescents prenatally exposed to alcohol	Sowell et al.	2001	No usable data	
Mapping cortical gray matter asymmetry patterns in adolescents with heavy prenatal alcohol exposure	Sowell et al.	2002	No usable data - experimental	
Functional magnetic resonance imaging of verbal learning in children with heavy prenatal alcohol exposure	Sowell et al.	2007	Duplicate cohort	
Differentiating prenatal exposure to methamphetamine and alcohol versus alcohol and not methamphetamine using tensor-based brain morphometry and discriminant analysis	Sowell et al.	2010	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data for structural neuro.

BOLD response during spatial working memory in youth with heavy prenatal alcohol exposure	Spadoni et al.	2009	Duplicate cohort	
Follow-up studies of children with fetal alcohol syndrome	Spohr & Steinhausen	1987	No usable data	
Correlates of psychopathology and intelligence in children with fetal alcohol syndrome	Steinhausen et al.	1994	No usable data	
Long-term outcome of children with fetal alcohol syndrome: psychopathology, behavior, and intelligence	Steinhausen & Spohr	1998	No control group	
Development and psychopathology of children with the fetal alcohol syndrome	Steinhausen et al.	1982	No control group	
Psychopathology in the offspring of alcoholic parents	Steinhausen et al.	1984	No usable data	
Long-Term psychopathological and cognitive outcome of children with fetal alcohol syndrome	Steinhausen et al.	1993	No control group	
Behavioural phenotype in foetal alcohol syndrome and foetal alcohol effects	Steinhausen et al.	2003	No control group	
Delays in auditory processing identified in preschool children with FASD	Stephen et al.	2012	No usable data - experimental	
Differences in MEG gamma oscillatory power during performance of a prosaccade task in adolescents with FASD	Stephen et al.	2013	Duplicate cohort	
Autism characteristics in children with fetal alcohol spectrum disorders	Stevens et al.	2013	Duplicate cohort	
Towards identifying a characteristic neuropsychological profile for fetal alcohol spectrum disorders 2. specific caregiver- and teacher-rating	Stevens et al.	2013	No control	
Recognition of facial features of fetal alcohol syndrome in the newborn	Stoler & Holmes	2004	No usable data	
Neurobehavioral effects of prenatal alcohol: part iii. pls analyses of neuropsychologic tests	Streissguth et al.	1989	No usable data	
Prenatal alcohol and offspring development: the first fourteen years	Streissguth et al.	1994	No usable data	
Offspring effects of prenatal alcohol exposure from birth to 25 years: the seattle prospective longitudinal study	Streissguth	2007	No usable data	
Neurobehavioral effects of prenatal alcohol: part i. research strategy	Streissguth et al.	1989	No usable data – binge only	
Drinking during pregnancy decreases word attack and arithmetic scores on standardized tests: adolescent data from a population-based prospective study	Streissguth Barr et al.	1994	No usable data	
Attention: Prenatal alcohol and continuities of vigilance and attentional problems from 4 through 14 years	Streissguth et al.	1985	No control	

Attention, distraction and reaction time at age 7 years and prenatal alcohol exposure	Streissguth et al.	1986	No control	
Neurobehavioral dose-response effects of prenatal alcohol exposure in humans from infancy to adulthood	Streissguth et al.	1989	No control	
Moderate prenatal alcohol exposure: effects on child iq and learning problems at age 7.5 years	Streissguth et al.	1990	No usable data	
Attention: Prenatal alcohol and continuities of vigilance and attentional problems from 4 through 14 years	Streissguth et al.	1995	No usable data	
Maternal drinking during pregnancy: attention and short-term memory in 14-year-old offspring-a longitudinal prospective study	Streissguth et al.	1994	No usable data – binge only	
Fetal alcohol spectrum disorders among children in a brazilian orphanage	Stromland et al.	2015	No control	
Facial curvature detects and explicates ethnic differences in effects of prenatal alcohol exposure	Suttie et al.	2017	No usable data - experimental	
Neuropsychological impairments and age-related differences in children and adolescents with fetal alcohol spectrum disorders	Tamana et al.	2014	No control	
The fetal alcohol syndrome in Japan	Tanaka et al.	1981	No usable data	
Age-related differences in neuropsychological assessment of fetal alcohol spectrum disorder: a cross-sectional study	Taylor & Enns	2018	No control	
Factors predictive of a fetal alcohol spectrum disorder diagnosis: Parent and teacher ratings	Taylor & Enns	2019	No control	
Comparing daily living skills in adults with fetal alcohol spectrum disorder (fasd) to an iq matched clinical sample	Temple et al.	2011	No usable data	
Mental health and affect regulation impairment in fetal alcohol spectrum disorder (fasd): results from the canadian national fasd database	Temple et al.	2019	No usable data	
Speech impairment in boys with fetal alcohol spectrum disorders	Terband et al.	2018	No usable data	
Comparison of social abilities of children with fetal alcohol syndrome to those of children with similar iq scores and normal controls	Thomas et al.	1998	Duplicate cohort	
Exploring the utility of narrative analysis in diagnostic decision making: picture-bound reference, elaboration, and fetal alcohol spectrum disorders	Thorne et al.	2007	No usable data - experimental	
A diagnostically promising technique for tallying nominal reference errors in the narratives of school-aged children with foetal alcohol spectrum disorders (fasd)	Thorne & Coggins	2008	No usable data - experimental	

Cohesive referencing errors during narrative production as clinical evidence of central nervous system abnormality in school-aged children with fetal alcohol spectrum disorders	Thorne et al.	2016	No usable data - experimental	
Longitudinal MRI reveals impaired cortical thinning in children and adolescents prenatally exposed to alcohol	Treit et al.	2014	Duplicate cohort	
Longitudinal MRI reveals altered trajectory of brain development during childhood and adolescence in fetal alcohol spectrum disorders	Treit et al.	2013	No control	
Digital assessment of the fetal alcohol syndrome facial phenotype: reliability and agreement study	Tsang et al.	2017	No usable data	
Behaviour in children with fetal alcohol spectrum disorders in remote australia: a population-based study	Tsang et al.	2017	No control	
The relationship between socioeconomic status and brain volume in children and adolescents with prenatal alcohol exposure	Uban et al.	2020	No usable data	
Spatial but not object memory impairments in children with fetal alcohol syndrome	Uecker & Nadel	1998	Duplicate cohort	
Abberant development of post-movement beta rebound in adolescents and young adults with fetal alcohol spectrum disorders	Vakhtin et al.	2015	No usable data - experimental	
Infants exposed to alcohol prenatally: outcome at 3 and 7 months of age	van der Leeden et al.	2001	No control	
Differences in executive functioning in children with heavy prenatal alcohol exposure or attention-deficit/hyperactivity disorder	Vaurio et al.	2008	Duplicate cohort	
Children with fetal alcohol spectrum disorder show an amblyopia-like pattern of vision deficit	Vernescu et al.	2012	No usable data	
A semiquantitative score system for epidemiologic studies of fetal alcohol syndrome	Vitez et al.	1984	No usable data	
Effects of prenatal alcohol exposure and attention-deficit/hyperactivity disorder on adaptive functioning	Ware et al.	2014	Duplicate cohort	
An fMRI study of behavioural response inhibition in adolescents with and without histories of heavy prenatal alcohol exposure	Ware et al.	2015	Duplicate cohort	
The impact of prenatal alcohol exposure on frontal cortex development in utero	Wass et al.	2001	No usable data	

Timing accuracy and variability in children with prenatal exposure to alcohol	Wass et al.	2002	Differed across outcomes	Duplicate cohort for functional neuro (IQ). No usable data (experimental) for functional neuro (other).
Communicaty-based child development service fetal alcohol spectrum disorder assessment: A retrospective clinic audit	Webster et al.	2020	No control	
Effects of prenatal tobacco, alcohol, and marijuana exposure of processing speed, visual-motor coordination, and interhemispheric transfer	Willford et al.	2010	No usable data	
Verbal and visuospatial learning and memory function in children with moderate prenatal alcohol exposure	Willford et al.	2004	No usable data – binge only	
Sensory-motor deficits in children with fetal alcohol spectrum disorder assessed using a robotic virtual reality platform	Williams et al.	2014	No usable data - experimental	
Unusable PAE measure (pre-pregnancy)	Woods et al.	2015	Duplicate cohort	
Altered parietal activation during non-symbolic number comparison in children with prenatal alcohol exposure	Woods et al.	2018	No usable data - experimental	
Prenatal alcohol exposure affects brain function during place learning in virtual environment differently in boys and girls	Woods et al.	2018	Duplicate cohort	
Inter-hemispheric functional connectivity disruption in children with prenatal alcohol exposure	Wozniak et al.	2011	Differed across outcomes	No usable data for dysmorphology. Duplicate cohort for functional neuro.
Functional connectivity abnormalities and associated cognitive deficits in fetal alcohol spectrum disorders (FASD)	Wozniak et al.	2017	Differed across outcomes	Duplicate cohort for dysmorphology and head circumference. No usable data for physical size.
Language impairments in children with fetal alcohol spectrum disorder	Wyper & Rasmussen	2011	No usable data - units unclear	
Detection of children/youth with fetal alcohol spectrum disorder through eye movement, psychometric, and neuroimaging data	Zhang et al.	2019	No usable data - experimental	
Developmental cortical thinning in fetal alcohol spectrum disorders	Zhou et al.	2011	No control	
Prenatal alcohol exposure and offspring cognition and school performance. A 'Mendelian randomization' natural experiment.	Zuccolo et al.	2013	Duplicate cohort	