

**Table S1.** Table demonstrating covariates used in SS model and how variables were measured in individual studies and re-categorized for the current analysis.

Variable	CHARGE	NHANES	Re-categorization
Maternal Education	Mom's education 1. High school diploma/GED or less 2. Some college (incl. vocational. 2-yr degree) 3. Bachelor's degree 3. Graduate or professional degree	Female household ref's education 1. Less than 9 <sup>th</sup> grade 1. 9-11 <sup>th</sup> Grade (no diploma) 1. High school Grad/GED equivalent 2. Some college or AA degree 3. College graduate or above Race/Ethnicity 3. Mexican American 3. Other Hispanic	1. High school diploma/ GED or less 2. Some college 3. College graduate or above
Child's Race	Child's Race 1. White (non-Hispanic) 2. Non-White (non-Hispanic) 3. Hispanic Race	1. Non-Hispanic White 2. Non-Hispanic Black 2. Other Race / Multi-Racial	1. White (non-Hispanic) 2. Non-White (non-Hispanic)/ Other 3. Hispanic Race
Birth Place of Mother	Birth Place of Mother 1. USA 2. Mexico 3. Outside USA or Mexico	Female household ref's country of birth 1. USA 2. Mexico 3. Other Spanish speaking country 3. Other non-Spanish speaking country	1. USA 2. Mexico 3. Outside USA or Mexico
Homeowner status	Homeowner 1. Yes 2. No	Homeowner 1. Owned or being bought 2. Rented 2. Other arrangement	1. Homeowner 2. Not a homeowner
Sex of child	1. Male 2. Female	1. Male 2. Female	
Maternal age	Maternal age in years	Age of Female household – participant's age (in years)	
Child's age	Child's age in months	Participant's age in months	
Year of birth	Year of birth as provided	Estimated year of birth: 2 <sup>nd</sup> year of NHANES cycle – participant's age (in years)	

Abbreviations: USA= United States of America; GED= General education diploma; AA=Associate of Arts; ref=Reference; CHARGE= Childhood Autism Risks from Genetics and the Environment; NHANES= the National Health and Nutrition Examination Survey

**Figure S1.** Flowchart of participant inclusion and exclusion criteria for CHARGE and NHANES samples.

