

Supplemental Table 1. Data availability across included ECHO cohorts.

Cohort	NICU-HEALTH (N = 380)	ECHO-NOVI (N = 567)	ELGAN (N = 1089)
<i>Sample Size (%) with Outcome Variable</i>			
Bayley	298 (78%)	438 (77%)	965 (89%)
CBCL	142 (37%)	550 (97%)	698 (64%)
CP	86 (23%)	439 (77%)	952 (87%)
MCHAT	196 (51%)	563 (99%)	1051 (97%)
<i>Sample Size (%) with Each Number of Outcome Variable</i>			
1	180 (47%)	10 (2%)	46 (4%)
2	59 (16%)	109 (19%)	94 (9%)
3	141 (37%)	30 (5%)	364 (33%)
4	0 (0%)	418 (74%)	585 (54%)

CBCL, Child Behavior Checklist for Ages 1½-5; CP, cerebral palsy; M-CHAT, Modified Checklist for Autism in Toddlers.

Supplemental Table 2. Characteristics of study sample by ECHO cohort

Variable	NICU-HEALTH	ECHO-NOVI	ELGAN
	(<i>N</i> = 380)	(<i>N</i> = 567)	(<i>N</i> = 1089)
	<i>M (SD) or %</i>	<i>M (SD) or %</i>	<i>M (SD) or %</i>
<i>Neonatal characteristics</i>			
Gestational age at birth (weeks)	26.6 (2.4)	26.6 (1.9)	25.6 (1.2)
Birth weight (grams)	952 (427)	943 (280)	835 (193)
Small for gestational age	21%	16%	13%
Male sex	49%	54%	52%
Female sex	51%	46%	48%
Infant admitted to NICU	100%	100%	100%
Infant race			
American Indian/Alaskan Native	<1%	<1%	<1%
Asian	2.9%	5.1%	2.4%
Black	23%	20%	27%
Multiple Races	4.2%	19%	<1%
Native Hawaiian/Pacific Islander	<1%	<1%	<1%
Other Race	<1%	7.6%	7.0%
Race Unknown	<2%	<1%	2.3%
White	68%	48%	60%
Infant ethnicity			
Hispanic/Latino/a	10%	23%	12%
Not Hispanic/Latino/a	90%	77%	88%
	NICU-HEALTH	ECHO-NOVI	ELGAN
	(<i>N</i> = 334)	(<i>N</i> = 498)	(<i>N</i> = 929)
	<i>M (SD) or %</i>	<i>M (SD) or %</i>	<i>M (SD) or %</i>
<i>Maternal demographics</i>			
Age at birth (years)	30.5 (6.1)	29.1 (6.4)	28.6 (6.7)
4-year college degree	34%	24%	31%
Married/partnered	56%	77%	77%
<i>Maternal medical problems</i>			
Gestational diabetes	12%	8.8%	6.6%
Pre-eclampsia	20%	25%	18%
<i>Perinatal maternal substance use</i>			
Tobacco	5.7%	16%	14%
Alcohol	2.6%	4.0%	--
Opioid	25%	14%	--
Marijuana	3.5%	9.3%	--
Illicit drugs	3.1%	4.6%	--

NICU, neonatal intensive care unit.

No data were available from ELGAN for prenatal alcohol, opioid, marijuana, or illicit drug use.