

Supplemental Information

SUPPLEMENTAL TABLE 3 Summary of SEED 2 Verbatim Responses on Nonfood Items Child Ingested

Item	<i>n</i> (Not Mutually Exclusive)
Paper, tissue, and related products	67
Dirt, sand, etc	36
Small toys	37
Hygiene and beauty products, including lotions, toothpaste, deodorant, foot powder, soap, bubbles, lipstick, and nail polish	27
Crayons, chalk, and Play-Doh	26
Rocks and shells	21
Tree bark, acorns, flowers, leaves, grass, and wood chips	20
Dirty water, including puddles, bathwater, pools, etc	20
Straws and small plastic items	16
String (including strings from clothes and blankets) and buttons	15
Coins, nails, bottle caps, and metal	12
Rubber bands and balloons	8
Paint and drywall	7
Housecleaning products, including dryer sheets and dishwasher soap	6
Foam, furniture stuffing, and sponges	6
Hair	6
Glue	5
Pencils, pens, and erasers	5
Feces	4
Ashes and coal	3
Batteries	3
Pet food	2
Candles and wax	2
Medicine	2
Wire	2
Diaper	1
Chlorine tablet	1
Trash	1
Other general responses, such as anything, everything, stuff on floor, puts everything in mouth, chews nonfood items, puts objects in mouth, liquid in bottles	33

SUPPLEMENTAL TABLE 4 Stratified Analyses of the Associations Between Study Case Classification and Pica: ASD Groups and Subgroups Compared With POP Group

	ASD (All) ^a Versus POP		ASD + ID Versus POP		ASD Without ID Versus POP	
	Stratum-Specific PR (95% CI)	Weighted MH-Adjusted PR (95% CI)	Stratum-Specific PR (95% CI)	Weighted MH-Adjusted PR (95% CI)	Stratum-Specific PR (95% CI)	Weighted MH-Adjusted PR (95% CI)
Child sex						
Male	6.3 (4.3–9.2)	6.9 (5.2–9.2)	7.7 (5.3–11.2)	8.2 (6.1–11.1)	3.6 (2.3–5.6)	4.1 (2.9–5.9)
Female	8.3 (5.5–12.7)		9.7 (6.3–15.0)		6.0 (3.5–10.3)	
Child age, mo						
30–48	8.7 (5.1–15.1)	6.7 (5.1–8.8)	9.8 (5.6–17.1)	8.0 (6.1–10.6)	6.5 (3.5–12.1)	4.0 (2.9–5.6)
48–68	6.1 (4.4–8.4)		7.6 (5.5–10.4)		3.3 (2.2–5.0)	
Maternal age, y						
<30	3.7 (2.1–6.5)		4.1 (2.3–7.4)		2.2 (1.0–5.0)	
30–34	9.8 (5.2–18.5)	6.6 (5.0–8.7)	11.8 (6.2–22.5)	7.9 (6.0–10.4)	5.3 (2.5–11.2)	4.0 (2.9–5.6)
≥35	6.9 (4.8–9.9)		8.5 (5.8–12.2)		4.3 (2.8–6.7)	
Maternal race or ethnicity						
NHW	7.5 (5.1–10.9)		9.5 (6.4–13.9)		4.8 (3.1–7.5)	
NHB	5.0 (2.8–9.2)		5.4 (3.0–10.0)		3.3 (1.5–7.2)	
Hispanic	6.2 (2.7–14.0)	6.2 (4.7–8.2)	7.4 (3.3–16.8)	7.3 (5.5–9.7)	3.2 (1.2–8.9)	3.9 (2.8–5.5)
Other or multiracial	4.1 (1.9–8.9)		5.0 (2.3–11.1)		2.3 (0.9–6.2)	
Maternal education						
<Bachelor's degree	4.2 (2.9–6.1)	5.9 (4.5–7.8)	4.9 (3.4–7.1)	6.9 (5.3–9.1)	2.7 (1.7–4.2)	3.7 (2.7–5.2)
Bachelor's degree or higher	8.8 (5.9–13.4)		11.1 (7.3–16.9)		5.4 (3.3–8.7)	
Family income, \$						
<50 000	5.0 (3.3–7.7)		5.4 (3.5–8.3)		3.7 (2.2–6.2)	
50–89 999	7.9 (4.0–15.6)	6.3 (4.8–8.4)	11.1 (5.6–21.9)	7.4 (5.7–9.9)	3.7 (1.6–8.2)	4.2 (3.0–5.8)
90 000+	7.5 (4.7–11.8)		9.5 (5.9–15.2)		5.0 (2.9–8.6)	

CI, confidence interval; MH, Mantel-Haenszel; NHB, non-Hispanic Black;

^a This includes children missing data on IQ, as noted in Fig 1.

SUPPLEMENTAL TABLE 5 Stratified Analyses of the Associations Between Study Case Classification and Pica: DD Groups and Subgroups Compared

	With POP Group				DD (All) ^a Versus POP				DD With ASD Characteristics, No ID Versus POP				DD With ID, No ASD Characteristics Versus POP				DD With No ASD Characteristics Versus POP			
	Stratum-Specific PR (95% CI)		Weighted MH-Adjusted PR (95% CI)		Stratum-Specific PRs (95% CI)		Weighted MH-Adjusted PR (95% CI)		Stratum-Specific PRs (95% CI)		Weighted MH-Adjusted PR (95% CI)		Stratum-Specific PR (95% CI)		Weighted MH-Adjusted PR (95% CI)		Stratum-Specific PR (95% CI)		Weighted MH-Adjusted PR (95% CI)	
	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)	PR (95% CI)	Weighted PR (95% CI)
Child sex																				
Male	2.4 (1.6–3.6)	2.4 (1.8–3.3)	7.3 (4.6–11.7)	7.6 (5.2–11.0)	3.1 (1.9–5.1)	3.5 (2.4–5.1)	2.3 (1.2–4.4)	2.8 (1.7–4.5)	1.1 (0.6–1.9)	0.9 (0.6–1.4)										
Female	2.5 (1.5–3.9)		8.1 (4.5–14.6)		4.2 (2.4–7.4)		3.6 (1.9–7.1)		0.6 (0.3–1.4)											
Child age, mo																				
30–48	3.4 (1.9–6.1)	2.4 (1.8–3.3)	9.6 (4.7–19.6)	7.5 (5.2–10.7)	6.0 (3.1–11.6)	3.4 (2.4–5.0)	3.2 (1.3–8.0)	2.8 (1.7–4.5)	1.1 (0.4–2.6)	0.9 (0.6–1.4)										
48–68	2.1 (1.5–3.0)		7.0 (4.6–10.6)		2.7 (1.7–4.2)		2.6 (1.5–4.6)		0.9 (0.5–1.5)											
Maternal age, y																				
<30	1.9 (1.1–3.5)		4.7 (2.3–9.3)		2.1 (1.0–4.2)		2.1 (0.8–5.5)		0.8 (0.3–2.0)											
30–34	3.4 (1.7–6.7)	2.3 (1.7–3.1)	8.0 (3.6–18.0)	6.9 (4.8–9.9)	4.9 (2.2–11.0)	3.1 (2.1–4.5)	3.1 (1.0–9.5)	2.7 (1.7–4.3)	1.5 (0.6–3.8)	0.9 (0.6–1.4)										
≥35	2.1 (1.4–3.2)		8.6 (5.2–14.0)		3.3 (1.9–5.6)		2.9 (1.5–5.3)		0.8 (0.4–1.5)											
Maternal race or ethnicity																				
NHW	2.0 (1.3–3.1)		8.3 (4.6–15.0)		3.7 (2.1–6.3)		3.0 (1.5–6.0)		0.7 (0.4–1.4)											
NHB	2.3 (1.2–4.4)	2.1 (1.5–2.9)	5.5 (2.7–11.1)	6.3 (4.2–9.3)	2.5 (1.2–5.2)	3.0 (2.1–4.5)	2.8 (1.2–6.9)	2.6 (1.6–4.1)	0.8 (0.3–2.1)	0.8 (0.5–1.3)										
Hispanic	3.0 (1.3–6.9)		6.0 (2.4–14.9)		4.8 (1.9–12.5)		2.1 (0.6–7.1)		1.5 (0.5–4.1)											
Other or multiracial	1.2 (0.5–3.1)		5.1 (1.7–15.6)		0.6 (0.07–4.6)		1.0 (0.1–7.8)		0.8 (0.2–2.8)											
Maternal education																				
<Bachelor's degree	2.0 (1.3–2.9)	2.0 (1.5–2.7)	4.6 (3.0–7.2)	5.0 (3.4–7.4)	2.2 (1.4–3.6)	2.6 (1.8–3.8)	1.8 (1.0–3.4)	2.3 (1.5–3.8)	0.8 (0.4–1.4)	0.9 (0.5–1.3)										
Bachelor's degree or higher	2.1 (1.3–3.4)		7.6 (3.6–16.0)		3.8 (2.0–7.2)		3.4 (1.6–7.2)		0.9 (0.5–1.8)											
Family income, \$																				
<50 000	2.0 (1.3–3.2)		4.2 (2.5–7.0)		2.3 (1.4–4.0)		1.8 (0.9–3.7)		0.9 (0.5–1.8)											
50–89 999	2.8 (1.3–5.8)	2.0 (1.5–2.8)	15.6 (7.1–34.6)	5.5 (3.7–8.2)	4.1 (1.6–10.2)	2.6 (1.7–3.9)	4.0 (1.4–11.6)	2.4 (1.4–3.9)	0.6 (0.2–2.1)	0.9 (0.6–1.4)										
90 000+	1.6 (0.9–2.9)		5.6 (1.8–17.3)		2.6 (1.1–6.2)		2.7 (1.1–7.0)		1.0 (0.5–2.1)											

CI, confidence interval; MH, xxx; NHB, non-Hispanic Black.

^a This includes children missing data on IQ, as noted in Fig 1.

SUPPLEMENTAL TABLE 6 Prevalence of Pica and Associations Between Study Case Classification and Pica by Using a More Restrictive Pica Definition (Pica = Very True or Often True)

Study Case Classification	Total, <i>n</i>	Pica = Yes, <i>n</i> (%)	PR ^a (95% CI)	aPR ^b (95% CI)
POP	1578	11 (0.7)	Reference	Reference
ASD (all) ^c	1426	138 (9.7)	13.9 (7.5–25.5)	12.1 (6.5–22.7)
ASD + ID	880	110 (12.5)	17.9 (9.7–33.1)	16.1 (8.5–30.6)
ASD without ID	529	25 (4.7)	6.8 (3.4–13.7)	5.9 (2.9–12.1)
DD (all) ^c	1735	49 (2.8)	4.1 (2.1–7.8)	3.1 (1.6–6.0)
DD with both ID and some ASD characteristics	175	15 (8.6)	12.3 (5.7–26.4)	8.0 (3.0–21.4)
DD with ASD characteristics but without ID	392	20 (5.1)	7.3 (3.5–15.1)	5.8 (2.6–12.7)
DD with ID but without ASD characteristics	227	7 (3.1)	4.4 (1.7–11.3)	3.5 (1.2–10.4)
DD with neither ID nor ASD characteristics	932	7 (0.8)	1.1 (0.4–2.8)	0.9 (0.4–2.3)

CI, confidence interval.

^a PRs derived in which the prevalence of pica (very true or often true) for each ASD and DD group and subgroup was compared with the prevalence for the POP group.

^b aPRs derived from modified Poisson regression models in which ASD and DD groups and subgroups (8 models) were compared with the POP group. All models included adjustment for child sex, child age, maternal age, maternal race or ethnicity, maternal education, and household income.

^c This includes children missing data on IQ, as noted in Fig 1.