

Table 1. Biomedical, Psychosocial, and Potential Modifiable Protective Factors for the total Sample

Characteristic	All N=4356 N (%)	Development Sample N=2178 N (%)	Validation Sample N=2178 N (%)
Biomedical Variables			
Male	2178 (50)	1088 (50)	1096 (50)
Birth weight (grams)			
< 500	210 (5)	98 (5)	112 (5)
500-749	2001 (46)	1004 (46)	997 (46)
750-1000	1836 (42)	902 (41)	934 (43)
> 1000	309 (7)	174 (8)	135 (6)
Gestational age (weeks)			
22-23	612 (14)	285 (13)	327 (15)
24	977 (22)	502 (23)	475 (22)
25	1244 (29)	624 (29)	620 (28)
26	1523 (35)	767 (35)	756 (35)
Antenatal steroids	3698 (91)	1980 (91)	1988 (91)
Early-onset sepsis	111 (3)	57 (3)	54 (2)
Late-onset sepsis	1056 (24)	511 (23)	545 (25)
Proven NEC	404 (9)	191 (9)	213 (10)
BPD grade 3	422 (10)	188 (9)	234 (11)
IVH grade ≥3	697 (16)	334 (15)	363 (17)
PVL	253 (6)	130 (6)	123 (6)
ROP stage ≥3 or plus disease	960 (22)	458 (21)	502 (23)
Shunt for post-hemorrhagic hydrocephalus	92 (2)	42 (2)	50 (2)
Psychosocial Variables			
Maternal Age <20 years	293 (7)	147 (7)	146 (7)
Maternal education less than high school	617 (15)	317 (15)	300 (14)
Mother has public/no insurance	2664 (61)	1313 (60)	1351 (62)
Minoritized maternal race/ethnicity*	2640 (62)	1295 (61)	1345 (63)
No prenatal care	174 (4)	87 (4)	87 (4)
Single parent	2407 (56)	1171 (54)	1236 (57)
State supervision	194 (4)	101 (5)	93 (4)
Social worker for child	693 (16)	343 (16)	350 (16)
Potentially Modifiable Protective Factors			
Visiting or home nurse	1721 (40)	846 (39)	875 (40)
Physical or occupational therapy	3008 (69)	1492 (69)	1516 (70)
Early intervention	2890 (67)	1419 (65)	1471 (68)
Seen in NICU follow-up Clinic	3652 (84)	1800 (83)	1852 (85)
Neurodevelopmental/behavioral clinic evaluation	1259 (29)	627 (29)	632 (29)
Private insurance	1381 (32)	698 (32)	683 (31)
Second language spoken to child	1172 (27)	593 (27)	579 (27)
≤2 places lived since hospital discharge	1908 (44)	954 (44)	954 (44)

*Minoritized race includes self-reported races other than White, minoritized ethnicity includes Hispanic and will be used as a proxy for risk of experiencing racism/xenophobia.

Acronyms: NEC - Necrotizing Enterocolitis; BPD – Bronchopulmonary Dysplasia; IVH – Intraventricular Hemorrhage; PVL – Periventricular Leukomalacia, ROP – Retinopathy of Prematurity