

Online Supplemental Data: Online Table 1. Comparisons of the proportional distribution of the HMC variant across age groups. HMC = hand motor cortex.

	Preterm neonates		Term neonates		Infants		Toddlers		Preschool children		School-age children		Adolescents	
	Statistics	<i>P</i>	Statistics	<i>P</i>	Statistics	<i>P</i>	Statistics	<i>P</i>	Statistics	<i>P</i>	Statistics	<i>P</i>	Statistics	<i>P</i>
Preterm neonates	-	-	34.34	<0.001*	39.75	<0.001*	47.59	<0.001*	45.37	<0.001*	72.18	<0.001*	58.87	<0.001*
Term neonates	-	-	-	-	9.79	0.058	15.65	0.002*	13.38	0.006	72.18	<0.001*	58.87	<0.001*
Infants	-	-	-	-	-	-	8.01	0.069	7.07	0.100	24.17	<0.001*	21.84	<0.001*
Toddlers	-	-	-	-	-	-	-	-	2.11	0.685	8.93	0.061	10.49	0.020
Preschool children	-	-	-	-	-	-	-	-	-	-	2.75	0.417	7.71	0.026
School-age children	-	-	-	-	-	-	-	-	-	-	1.08	0.785	2.48	0.286
Adolescents	-	-	-	-	-	-	-	-	-	-	-	-	2.66	0.468

*Monte Carlo method

Online Supplemental Data: Online Table 2. Clinical history of participants.

	No. of Subjects (Column-Based Percentage)						
	All age stages (n=542)	Neonates (n=237)	Infants (n=46)	Toddlers (n=49)	Preschool children (n=47)	School-age children (n=94)	Adolescents (n=69)
Healthy examination	265 (48.89%)	49 (20.68%)	38 (82.61%)	22 (44.90%)	33 (70.21%)	64 (68.09%)	59 (85.5%)
Neonatal pneumonia	108 (19.93%)	108 (45.57%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Neonatal / infantile diarrhea	5 (0.92%)	4 (1.69%)	1 (2.17%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Neonatal anemia	67 (12.36%)	66 (27.85%)	1 (2.17%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Scalp hematomas	10 (1.85%)	10 (4.22%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
ABO hemolytic disease of newborn	27 (4.98%)	27 (11.39%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Hydrocele of tunica vaginalis	6 (1.11%)	6 (2.53%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Neonatal physiologic jaundice	48 (8.86%)	48 (20.25%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Viral gastroenteritis/ Acute gastroenteritis	5 (0.92%)	2 (0.84%)	0 (0%)	0 (0%)	1 (2.13%)	2 (2.13%)	0 (0%)
Thrush	7 (1.29%)	4 (1.69%)	2 (4.35%)	1 (2.04%)	0 (0%)	0 (0%)	0 (0%)

Pneumonia	16 (2.95%)	0 (0%)	3 (6.52%)	8 (16.33%)	3 (6.38%)	2 (2.13%)	0 (0%)
Developmental dysplasia of the hip	3 (0.55%)	0 (0%)	3 (6.52%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Exanthema subitum	2 (0.37%)	0 (0%)	2 (4.35%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Acute tonsillitis	16 (2.95%)	0 (0%)	0 (0%)	5 (10.20%)	5 (10.64%)	3 (3.19%)	3 (4.35%)
Upper respiratory tract infection	18 (3.32%)	0 (0%)	0 (0%)	7 (14.29%)	0 (0%)	9 (9.57%)	2 (2.90%)
Bronchitis	13 (2.40%)	0 (0%)	0 (0%)	3 (6.12%)	5 (10.64%)	2 (2.13%)	3 (4.35%)
Laryngitis	2 (0.37%)	0 (0%)	0 (0%)	2 (4.08%)	0 (0%)	0 (0%)	0 (0%)
Facial paralysis	18 (3.32%)	0 (0%)	0 (0%)	6 (12.24%)	2 (4.26%)	5 (5.32%)	5 (7.25%)
Nasosinusitis	5 (0.92%)	0 (0%)	0 (0%)	0 (0%)	2 (4.26%)	0 (0%)	3 (4.35%)
Chronic gastritis	4 (0.74%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2 (2.13%)	2 (2.90%)
Schoenlein- Henoch purpura	4 (0.74%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	4 (4.26%)	0 (0%)
Urinary tract infection	2 (0.37%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2 (2.13%)	0 (0%)