Supplementary Table 1: Demographic features associated with Norovirus detection in the Ghanaian pediatric population between 2008 and 2017.

Parameters	Total Tested	NoV Pos (%)	OR (95% CI)	*p*-Value
All Study Samples	1337	485 (36.3)	-	-
Study Period				
Pre-vaccine Years (2008–2012)	652	154 (23.6)	Ref	
Post-Vaccine Years (2013–2017)	685	331 (48.3)	3.02 (2.391–3.824)	0.000
Study Site				
Middle Belt	58	17 (29.3)	Ref	
Southern Belt	506	232 (45.8)	2.04 (1.130–3.690)	0.018
Northern Belt	773	236 (30.5)	1.06 (0.590–1.903)	0.846
Gender				
Male	663	251 (37.9)	Ref	
Female	534	196 (36.7)	0.95 (0.752–1.205)	0.682
* Unknown	140	38 (27.1)	-	-
Age (Months)				
>36	46	17 (37.0)	Ref	
25–36	74	29 (39.2)	1.10 (0.514–2.349)	0.807
19–24	115	49 (42.6)	1.27 (0.627–2.559)	0.510
12–18	371	136 (36.7)	0.99 (0.523–1.863)	0.968
6–11	382	135 (35.3)	0.93 (0.494–1.758)	0.829
<6	209	81 (38.8)	1.08 (0.558–2.089)	0.820
* Unknown	140	38 (27.1)	-	-
GC of Patient				
Normal	392	115 (29.3)	Ref	
Irritable	461	164 (35.6)	1.33 (0.996–1.776)	0.053
Drowsy and Lethargic	51	27 (52.9)	2.71 (1.500–4.895)	0.001
Unconscious	1	0	-	-

* Missing data excluded from all statistical analysis; CI: Confidence Interval; OR: Odds Ratio; NoV: Norovirus; GC: General Condition of patient; Ref: Reference.

Supplementary Table 2a: Age-stratified norovirus genotypes detected in children with AGE in Ghana.

	Age (Months)				Total No. of Cases
	<6	6–24	>24	* Unknown	
No. of typed samples	34	126	7	7	174
GI Genotypes					18
Cap/Pol					14
GI.4[P4]	3	1	1	0	5
GI.7[P7]	2	2	0	0	4
GI.3[P3]	0	2	0	0	2
GI.1[P1]	1	0	0	0	1
GI.3[P13]	0	1	0	0	1
GI.3[P14]	0	1	0	0	1
Cap/Pol[nd]					4
GI.7	0	2	0	1	3
GI.4	0	1	0	0	1
GII Genotypes					152
Cap/Pol					109
GII.4[P4]	9	34	2	0	45
GII.4[P16]	3	13	0	0	16
GII.3P[21]	0	10	1	0	11
GII.4[P31]	2	4	0	2	8
GII.6[P7]	1	6	0	0	7
GII.21[P21]	0	5	0	0	5
GII.17[P17]	0	3	0	0	3
GII.9[P7]	0	1	1	0	2
GII.8[P8]	0	2	0	0	2
GII.1[P33]	0	1	0	0	1
GII.2[P30]	0	1	0	0	1
GII.2[P31]	0	1	0	0	1
GII.3[P16]	0	1	0	0	1
GII.3[P30]	0	1	0	0	1
GII.4[P7]	0	1	0	0	1
GII.5[P16]	0	1	0	0	1
GII.17[P3]	0	1	0	0	1
GII.17[P13]	0	1	0	0	1
GII.17[P31]	1	0	0	0	1
Cap/Pol[nd]					43
GII.4	4	13	2	3	22
GII.5	4	2	0	0	6
GII.12	1	2	0	1	4
GII.2	1	2	0	0	3
GII.13	1	1	0	0	2
GII.17	0	2	0	0	2
GII.6	0	2	0	0	2
GII.7	0	1	0	0	1
GII.10	0	1	0	0	1
Total	**33**	**123**	**7**	**7**	**170**

No. of typed samples: Number samples genotyped; * Unknown: Information on Age was not available; Cap: Capsid genotype; Pol: Polymerase genotype; P[nd]: Polymerase genotyped not determined; NB: Four (4) capsid sequences presumptively typed as other non-human calicivirus were excluded from subsequent analysis.

Supplementary Table 2b: Age-stratified norovirus genogroups detected in children with AGE in Ghana.

	Age (Months)				Total N (%)
	< 6 N (%)	**6–24** N (%)	**> 24** N (%)	*** Unknown** N (%)	
No. Pos Samples	**81 (16.7)**	**320 (66.0)**	**46 (9.5)**	**38 (7.8)**	**485 (100)**
NoV Genogroups					
GI	14 (20.6)	43 (63.2)	11 (16.2)	2 (2.9)	70 (14.4)
GII	60 (17.8)	248 (73.6)	29 (8.6)	35 (9.4)	372 (76.7)
GI/GII	7 (16.7)	29 (69.1)	6 (14.3)	1 (2.3)	43 (8.9)

No. Pos Samples: Number of positive samples; * Unknown: Information on Age was not available.