

Supplementary Table 3: Association between enteric viral pathogens and child growth (Anthropometry: HAZ/LAZ, WAZ, and WHZ): results of multiple linear regression modeling and mixed effect model (dependent variables— HAZ/LAZ, WAZ, and WHZ) among the different age groups in South Asia and sub-Saharan Africa

HAZ		Mixed effect model			Multiple linear regression		
Predictors	Estimates	CI	p	Estimates	CI	p	
Symptomatic MSD children							
Rotavirus							
0-11 months	0.1	0.01 – 0.19	0.033	0.11	0.05 – 0.18	0.001	
11-23 months	0.16	0.04 – 0.28	0.01	0.16	0.07 – 0.25	<0.001	
24-59 months	0.05	-0.15 – 0.26	0.607	0.06	-0.08 – 0.21	0.392	
Norovirus							
0-11 months	0.1	-0.04 – 0.24	0.181	0.09	-0.01 – 0.20	0.085	
11-23 months	0.06	-0.10 – 0.23	0.468	0.05	-0.07 – 0.17	0.389	
24-59 months	0.08	-0.13 – 0.29	0.475	0.08	-0.07 – 0.23	0.315	
Adenovirus							
0-11 months	-0.06	-0.28 – 0.17	0.629	-0.03	-0.19 – 0.14	0.727	
11-23 months	-0.09	-0.36 – 0.19	0.535	-0.08	-0.28 – 0.12	0.418	
24-59 months	0.08	-0.41 – 0.56	0.761	0.08	-0.27 – 0.43	0.659	
Astrovirus							
0-11 months	-0.23	-0.45 – 0.00	0.052	-0.24	-0.41 – -0.07	0.005	
11-23 months	0.03	-0.26 – 0.33	0.815	0.04	-0.17 – 0.25	0.708	
24-59 months	-0.37	-0.78 – 0.04	0.077	-0.37	-0.67 – -0.08	0.014	
Sapovirus							
0-11 months	0.03	-0.18 – 0.24	0.766	0.01	-0.15 – 0.16	0.92	
11-23 months	0.02	-0.21 – 0.25	0.863	0.02	-0.15 – 0.19	0.82	
24-59 months	0.13	-0.20 – 0.47	0.43	0.13	-0.11 – 0.37	0.287	
		Mixed effect model			Multiple linear regression		
Predictors	Estimates	CI	p	Estimates	CI	p	
Asymptomatic Children							
Rotavirus							
0-11 months	-0.19	-0.35 – -0.03	0.023	-0.19	-0.31 – -0.07	0.002	
11-23 months	0.01	-0.19 – 0.21	0.918	0.01	-0.14 – 0.15	0.922	
24-59 months	0.23	-0.01 – 0.47	0.057	0.23	0.06 – 0.40	0.008	
Norovirus							
0-11 months	-0.07	-0.20 – 0.07	0.319	-0.06	-0.16 – 0.04	0.259	
11-23 months	-0.05	-0.19 – 0.09	0.481	-0.05	-0.15 – 0.05	0.321	
24-59 months	-0.06	-0.21 – 0.08	0.399	-0.05	-0.16 – 0.05	0.309	
Adenovirus							
0-11 months	0.05	-0.34 – 0.44	0.81	0.05	-0.24 – 0.34	0.745	
11-23 months	-0.32	-0.71 – 0.07	0.108	-0.32	-0.61 – -0.04	0.028	
24-59 months	0.001	-0.59 – 0.59	0.995	0	-0.42 – 0.42	0.993	
Astrovirus							
0-11 months	0.02	-0.23 – 0.27	0.858	0.02	-0.16 – 0.21	0.807	
11-23 months	-0.24	-0.51 – 0.04	0.088	-0.24	-0.44 – -0.04	0.019	
24-59 months	0.12	-0.15 – 0.38	0.39	0.12	-0.07 – 0.31	0.232	
Sapovirus							
0-11 months	0.07	-0.12 – 0.26	0.442	0.07	-0.07 – 0.21	0.346	
11-23 months	-0.04	-0.23 – 0.15	0.686	-0.04	-0.18 – 0.10	0.56	
24-59 months	-0.34	-0.56 – -0.11	0.004	-0.34	-0.50 – -0.18	<0.001	