

Supplementary Table 2: Association between change in z-scores and baseline risk factors

Variables	RV diameter		LV diameter		IVS diameter		LVPW diameter		LA diameter		TAPSE diameter	
	Coefficient	P-value	Coefficient	P-value	Coefficient	P-value	Coefficient	P-value	Coefficient	P-value	Coefficient	P-value
Age												
6 – 9 years	1	0.78	1	0.69	1	0.80	1	0.80	1	0.26	1	0.46
10 -12 years	-0.080		-0.071		-0.004		-0.089		-0.167		0.006	
13 – 16 years	-0.099		-0.117		-0.087		0.198		-0.081		-0.027	
Viral load												
≤ 400 copies/ml	1											
> 400 copies/ml	-0.119	0.41	0.034	0.79	0.170	0.20	0.080	0.55	0.002	0.99	-0.120	0.41
CD4 count												
≥ 350 cell/μl	1											
<350 cell/μl	0.202	0.32	0.154	0.39	0.110	0.55	0.060	0.75	0.041	0.78	-0.275	0.30
Duration on ART												
0 – 3 years	1	0.96	1	0.34	1	0.68	1	0.43	1	0.40	1	0.60
4 – 7 years	0.009		0.171		-0.093		0.155		-0.067		0.174	
8 – 12 years	0.054		0.126		0.019		0.098		0.201		0.126	
Age at ART initiation												
0 -5 years	1	0.07	1	0.65	1	0.80	1	0.92	1	0.75	1	0.06
6 – 10 years	0.320		-0.035		0.040		0.009		-0.056		0.196	
11 – 15 years	0.169		-0.184		0.133		0.265		0.050		-0.531	

Height-for-age z-scores	-0.085	0.13	-0.035	0.42	0.015	0.73	-0.092	0.06	-0.023	0.57	-0.048	0.56
Weight -for-age z-scores	-0.001	1.00	-0.008	0.86	0.044	0.33	-0.062	0.22	-0.049	0.23	-0.032	0.67

RV, right ventricle; LV, left ventricle; IVS, interventricular septum, LVPW, left ventricular posterior wall; LA, left atrium, TAPSE, tricuspid annular plane systolic excursion