

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

<b>Height-for-age z-scores</b>	-0.085	0.13	-0.035	0.42	0.015	0.73	-0.092	0.06	-0.023	0.57	-0.048	0.56
<b>Weight -for-age z-scores</b>	-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*