

Supplementary Table S3: Estimated Means, Standard Errors, and 95% Confidence Intervals for main outcomes¹

Outcomes	Baseline				Post-Intervention				12-month follow-up				Group Size
	Mean	Std. Error	95 % C.I.		Mean	Std. Error	95 % C.I.		Mean	Std. Error	95 % C.I.		
			Lower Bound	Upper Bound			Lower Bound	Upper Bound			Lower Bound	Upper Bound	
Child development													
ASQ-3													
Gross motor z-score													
Usual Care	-1.373	0.077	-1.523	-1.223	-1.269	0.074	-1.414	-1.124	-1.776	0.102	-1.977	-1.576	525
Sugira Muryango	-1.656	0.080	-1.812	-1.500	-1.046	0.069	-1.182	-0.911	-1.460	0.094	-1.644	-1.276	559
Fine Motor z- score													
Usual Care	-1.539	0.065	-1.667	-1.411	-1.349	0.061	-1.469	-1.230	-1.064	0.052	-1.167	-0.962	525
Sugira Muryango	-1.660	0.069	-1.795	-1.525	-1.162	0.057	-1.275	-1.049	-1.067	0.054	-1.173	-0.961	559
Communication z- score													
Usual Care	-1.556	0.076	-1.705	-1.407	-1.411	0.073	-1.554	-1.268	-0.731	0.069	-0.866	-0.596	525
Sugira Muryango	-1.597	0.072	-1.739	-1.456	-1.130	0.063	-1.254	-1.006	-0.513	0.069	-0.648	-0.377	559
Prob. Solving z- score													
Usual Care	-1.084	0.066	-1.214	-0.955	-1.228	0.062	-1.350	-1.107	-0.815	0.059	-0.930	-0.700	525
Sugira Muryango	-1.274	0.070	-1.411	-1.138	-0.888	0.060	-1.007	-0.770	-0.637	0.055	-0.745	-0.530	559
Social emotional z- score													
Usual Care	-1.018	0.064	-1.145	-0.892	-1.087	0.064	-1.213	-0.962	-0.764	0.057	-0.875	-0.653	525
Sugira Muryango	-1.171	0.068	-1.304	-1.037	-0.801	0.065	-0.928	-0.673	-0.679	0.055	-0.787	-0.570	559
MDAT													
Gross motor z- score													
Usual Care	0.960	0.064	0.834	1.085	1.232	0.063	1.109	1.355	1.480	0.058	1.366	1.593	525
Sugira Muryango	0.878	0.063	0.754	1.002	1.199	0.063	1.075	1.323	1.455	0.061	1.335	1.575	559
Fine motor z- score													
Usual Care	0.124	0.057	0.011	0.236	0.340	0.061	0.221	0.459	0.990	0.081	0.830	1.149	525
Sugira Muryango	-0.038	0.058	-0.152	0.077	0.317	0.060	0.199	0.434	1.014	0.080	0.858	1.171	559
Language z- score													
Usual Care	-0.163	0.058	-0.277	-0.048	0.040	0.058	-0.073	0.153	0.371	0.061	0.251	0.491	525
Sugira Muryango	-0.050	0.058	-0.164	0.063	0.115	0.060	-0.004	0.233	0.441	0.059	0.326	0.557	559
Socioemotional z- score													
Usual Care	0.924	0.050	0.825	1.023	0.649	0.044	0.563	0.735	0.454	0.056	0.343	0.564	525
Sugira Muryango	0.967	0.051	0.868	1.066	0.805	0.048	0.712	0.899	0.617	0.053	0.513	0.722	559

Father engagement in childcare²													
Usual Care	0.590	0.030	0.530	0.650	0.590	0.030	0.530	0.650	0.604	0.031	0.544	0.664	261
Sugira Muryango	0.624	0.030	0.565	0.682	0.748	0.027	0.695	0.800	0.748	0.027	0.695	0.801	263
Child growth outcomes													
Height for Age (HAZ)													
Usual Care	-2.050	0.055	-2.157	-1.943	-2.032	0.052	-2.134	-1.930	-1.993	0.049	-2.090	-1.897	525
Sugira Muryango	-2.001	0.052	-2.103	-1.899	-2.012	0.049	-2.109	-1.916	-2.012	0.045	-2.101	-1.923	559
Weight for Age (WAZ)													
Usual Care	-1.069	0.048	-1.163	-0.975	-1.013	0.045	-1.101	-0.926	-1.003	0.040	-1.082	-0.924	525
Sugira Muryango	-0.986	0.047	-1.077	-0.894	-0.964	0.044	-1.051	-0.877	-0.994	0.042	-1.075	-0.912	559
Weight for Height (WHZ)													
Usual Care	0.047	0.044	-0.039	0.134	0.101	0.041	0.020	0.182	0.205	0.039	0.128	0.281	525
Sugira Muryango	0.090	0.046	0.001	0.180	0.136	0.045	0.048	0.224	0.220	0.043	0.136	0.304	559
Middle Upper Arm Circumference (MUAC)													
Usual Care	0.005	0.046	-0.086	0.096	-0.337	0.042	-0.420	-0.255	-0.356	0.039	-0.432	-0.280	525
Sugira Muryango	0.052	0.045	-0.036	0.141	-0.345	0.043	-0.430	-0.260	-0.370	0.040	-0.449	-0.292	559
Violence and safety													
Harsh discipline (MICS ³)													
Usual Care	1.082	0.069	0.946	1.218	1.035	0.065	0.907	1.163	1.110	0.068	0.977	1.244	525
Sugira Muryango	1.108	0.067	0.977	1.239	0.589	0.048	0.494	0.683	0.736	0.055	0.629	0.843	559
Victimization ⁴													
Usual Care	0.596	0.083	0.433	0.759	0.573	0.090	0.395	0.750	0.619	0.095	0.433	0.805	261
Sugira Muryango	0.862	0.107	0.652	1.071	0.459	0.073	0.316	0.603	0.467	0.081	0.309	0.626	262
Perpetration ⁵													
Usual Care	0.126	0.028	0.071	0.180	0.102	0.033	0.036	0.167	0.145	0.043	0.061	0.230	223
Sugira Muryango	0.242	0.047	0.149	0.335	0.130	0.034	0.063	0.196	0.092	0.028	0.036	0.147	227

ASQ-3=Agencies and Stages Questionnaire; MDAT=Malawi Developmental Assessment Tool 1: Estimates from multiple-imputed datasets.

2: Among households with a father, displayed as proportions.

3: MICS: UNICEF's Multiple Indicator Cluster Survey

4: Among female caregivers reporting a current intimate partner at baseline.

5: Among male caregivers reporting a current intimate partner at baseline.