

Table 1: Change in anthropometric measurements according to their socio-demographic characteristics. / Association between the anthropometric indicators and socio-demographic variables of SAM children**Admission And Discharge**

Variable	Number of Children	Gain in weight * mean \pm SD	Gain in Height* mean \pm SD	Gain in MUAC* mean \pm SD
Age (months)				
6-12	31	0.63 \pm 0.34	0.02 \pm 0.10	0.41 \pm 0.34
>12	45	0.88 \pm 0.46	0.04 \pm 0.20	0.45 \pm 0.32
P value		0.01**	0.609	0.603
Gender				
Male	38	0.87 \pm 0.43	0.02 \pm 0.16	0.50 \pm 0.32
Female	38	0.69 \pm 0.42	0.04 \pm 0.18	0.38 \pm 0.32
P value		0.068	0.610	0.106
Religion				
Hindu	69	0.78 \pm 0.42	0.04 \pm 0.18	0.43 \pm 0.29
Muslim	7	0.76 \pm 0.56	0.00 \pm 0.00	0.50 \pm 0.58
P value		0.907	-	0.586
Socio-economic class				
Lower middle class and above	24	0.81 \pm 0.42	0.01 \pm 0.06	0.48 \pm 0.36
Lower class	52	0.76 \pm 0.44	0.04 \pm 0.20	0.42 \pm 0.31
P value		0.641	0.475	0.458
Residential Status				
Rural	37	0.78 \pm 0.47	0.06 \pm 0.24	0.47 \pm 0.34
Urban	25	0.79 \pm 0.42	0.01 \pm 0.06	0.42 \pm 0.36
Tribal	14	0.74 \pm 0.36	0.00 \pm 0.00	0.37 \pm 0.19
P value		0.48	0.351	0.563
F Value		0.74	1.06	0.58
Type of Family				
Nuclear	24	0.72 \pm 0.44	0.00 \pm 0.00	0.47 \pm 0.39
Joint	51	0.82 \pm 0.43	0.05 \pm 0.21	0.43 \pm 0.29
P value		0.354	-	0.620

*Gain is calculated by subtracting 'On Admission' weight/height/MUAC from 'Discharge' weight/height/MUAC respectively.

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Table 2: Change in anthropometric measurements according to their socio-demographic characteristics. / Association between the anthropometric indicators and socio-demographic variables of SAM children

Admission and 1st follow-up

<i>Variable</i>	<i>Number of Children</i>	<i>Gain in weight * mean ± SD</i>	<i>Gain in Height* mean ± SD</i>	<i>Gain in MUAC* mean ± SD</i>
Age (months)				
6-12	26	0.73±0.35	0.28±0.45	0.53±0.37
>12	36	0.96±0.59	0.19±0.40	0.52±0.42
<i>P value</i>		0.081	0.410	0.922
Gender				
Male	31	0.95±0.53	0.23±0.42	0.58±0.41
Female	31	0.79±0.50	0.24±0.42	0.47±0.38
<i>P value</i>		0.226	0.925	0.277
Religion				
Hindu	56	0.88±0.51	0.26±0.43	0.51±0.37
Muslim	6	0.81±0.58	0.00±0.00	0.70±0.63
<i>P value</i>		0.753	-	0.271
Socio-economic class				
Lower middle class and above	20	0.80±0.55	0.12±0.31	0.52±0.47
Lower class	42	0.90±0.50	0.28±0.45	0.53±0.37
<i>P value</i>		0.478	0.156	0.927
Residential Status				
Rural	29	0.87±0.56	0.34±0.48	0.59±0.45
Urban	21	0.82±0.53	0.07±0.23	0.51±0.42
Tribal	12	0.96±0.38	0.25±0.45	0.40±0.16
<i>P value</i>		0.763	0.632	0.768
<i>F value</i>		0.27	0.46	0.26
Type of Family				
Nuclear	18	0.83±0.47	0.33±0.48	0.60±0.43
Joint	43	0.89±0.54	0.19±0.39	0.50±0.39
<i>P value</i>		0.683	0.237	0.379

Gain is calculated by subtracting 'On Admission' weight/height/MUAC from '1st follow-up' weight/height/MUAC respectively.

Table 3: Change in anthropometric measurements according to their socio-demographic characteristics. / Association between the anthropometric indicators and socio-demographic variables of SAM children.

Admission and 2nd follow-up

Variable	Number of Children	Gain in weight * mean \pm SD	Gain in Height* mean \pm SD	Gain in MUAC* mean \pm SD
Age (months)				
6-12	26	0.95 \pm 0.37	0.53 \pm 0.48	0.64 \pm 0.42
>12	30	1.16 \pm 0.63	0.60 \pm 0.49	0.63 \pm 0.53
<i>P value</i>		0.141	0.592	0.938
Gender				
Male	28	1.09 \pm 0.60	0.61 \pm 0.49	0.69 \pm 0.52
Female	28	1.04 \pm 0.45	0.54 \pm 0.49	0.58 \pm 0.43
<i>P value</i>		0.725	0.595	0.392
Religion				
Hindu	51	1.05 \pm 0.53	0.61 \pm 0.48	0.60 \pm 0.44
Muslim	5	1.20 \pm 0.49	0.20 \pm 0.44	1.02 \pm 0.68
<i>P value</i>		0.546	0.07	0.06
Socio-economic class				
Lower middle class and above	18	1.01 \pm 0.63	0.47 \pm 0.49	0.57 \pm 0.58
Lower class	38	1.09 \pm 0.48	0.62 \pm 0.48	0.66 \pm 0.42
<i>P value</i>		0.601	0.282	0.511
Residential Status				
Rural	26	0.99 \pm 0.49	0.63 \pm 0.48	0.70 \pm 0.51
Urban	19	1.04 \pm 0.57	0.45 \pm 0.49	0.64 \pm 0.51
Tribal	11	1.27 \pm 0.52	0.63 \pm 0.50	0.49 \pm 0.31
<i>P value</i>		0.706	0.635	0.721
<i>F value</i>		0.35	0.46	0.33
Type of Family				
Nuclear	15	0.94 \pm 0.43	0.80 \pm 0.41	0.73 \pm 0.47
Joint	40	1.11 \pm 0.56	0.50 \pm 0.49	0.61 \pm 0.48
<i>P value</i>		0.293	0.03**	0.39

Gain is calculated by subtracting 'On Admission' weight/height/MUAC from '2nd follow-up' weight/height/MUAC respectively.

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Table 4: Change in anthropometric measurements according to their socio-demographic characteristics. / Association between the anthropometric indicators and socio-demographic variables of SAM children.

Admission and 3rd follow-up

<i>Variable</i>	<i>Number of Children</i>	<i>Gain in weight * mean ± SD</i>	<i>Gain in Height* mean ± SD</i>	<i>Gain in MUAC* mean ± SD</i>
<i>Age (months)</i>				
6-12	22	1.23±0.44	0.71±0.45	0.82±0.49
>12	23	1.46±0.70	0.80±0.61	0.75±0.49
<i>P value</i>		0.196	0.577	0.634
<i>Gender</i>				
Male	21	1.40±0.63	0.76±0.54	0.88±0.61
Female	24	1.31±0.57	0.75±0.55	0.70±0.33
<i>P value</i>		0.617	0.951	0.217
<i>Religion</i>				
Hindu	42	1.36±0.61	0.76±0.54	0.77±0.48
Muslim	3	1.19±0.30	0.67±0.57	0.97±0.61
<i>P value</i>		0.637	0.782	0.495
<i>Socio-economic class</i>				
Lower middle class and above	14	1.34±0.78	0.57±0.51	0.80±0.67
Lower class	31	1.36±0.50	0.84±0.54	0.78±0.38
<i>P value</i>		0.917	0.121	0.899
<i>Residential Status</i>				
Rural	22	1.25±0.51	0.82±0.61	0.82±0.58
Urban	14	1.40±0.75	0.64±0.49	0.75±0.46
Tribal	9	1.53±0.52	0.78±0.44	0.75±0.25
<i>P value</i>		0.362	0.458	0.605
<i>F value</i>		1.04	0.80	0.51
<i>Type of Family</i>				
Nuclear	11	1.26±0.48	0.82±0.40	0.93±0.57
Joint	33	1.38±0.64	0.76±0.57	0.74±0.46
<i>P value</i>		0.572	0.748	0.270

Gain is calculated by subtracting 'On Admission' weight/height/MUAC from '3rd follow-up' weight/height/MUAC respectively.