

Supplementary Table 1. Eigenvalues and Variance Explained for PCA Dimensions

Dimension	Eigenvalue (PC1)	% Variance Explained (PC1)
Nutritional Status	1.36	45.39%
Disease Incidence	1.55	51.51%
Water & Sanitation	1.55	77.60%
Access to Financial Services	1.02	51.14%
Access to Digital Services	1.23	41.05%
Health Service Access for Mother	1.06	35.41%
Combined Index (Household Well-being)	1.30	21.60%

Supplementary Table 2: PCA Adequacy Measures by Dimension

Dimension	KMO-Criterion	Bartlett's X²	df	p-value
Nutritional Status	0.54	391.38	3	< 0.001
Disease Incidence	0.51	2453.99	3	< 0.001
Water & Sanitation	0.50	10933.62	1	< 0.001
Access to Financial Services	0.50	10.42	1	0.0012
Access to Digital Services	0.51	2590.21	3	<0.001
Health Service Access for Mother	0.49	27.44	3	< 0.001
Combined Index (Household Well-being)	0.52	2404.72	15	< 0.001