

Supporting information for Malmborg et al.

S1 Table. Specification of raster layers and calculations used for generating livelihood benefit maps.

Weight rasters	Homestead buffer zones	0-500 meters from homestead = weight 1.2 500-1000 meters from homestead = weight 1.1 1000-2000 meters from homestead = weight 1.0 2000-3000 meters from homestead = weight 0.9 > 3000 meters from homestead = weight 0.8
	Shrubland area categories	0-1 km ² of shrubland in a village = weight 0.8 1-2 km ² of shrubland in a village = weight 1.2 2-3 km ² of shrubland in a village = weight 1.1 3-5 km ² of shrubland in a village = weight 1.0 >5 km ² of shrubland in a village = weight 0.9
Livelihood benefit maps	Annual crops for consumption	Depression * 62.4 + Homesteads * 75.2 + Fields * 37.6 * Homestead buffer zone weights
	Nutritional diversity and medical uses	Depression * 23.0 + Homesteads * 23.7 + Fields * 21.3 * Homestead buffer zone weights + Shrubland * 18.5 * Homestead buffer zone weights * Shrubland area weights
	Material assets and energy	Depression * 18.1 + Homesteads * 10.4 + Fields * 16.6 * Homestead buffer zone weights + Shrubland * 36.1 * Homestead buffer zone weights * Shrubland area weights + Bare soil * 0.6
	Saving / Insurance	Depression * 21.5 + Homesteads * 18.3 + Fields * 23.7 + Shrubland * 18.3 * Shrubland area weights + Bare soil * 2.7
	Income	Depression * 17.1 + Homesteads * 30.3 + Fields * 31.9 * Homestead buffer zone weights + Shrubland * 9.0 * Homestead buffer zone weights + Bare soil * 0.4