

Appendix E Metadata for the ZIMPHIA 2015-2016 Geomasked Cluster Centroid Dataset

Country	Zimbabwe			
Survey	ZIMPHIA 2015-2016			
Filename	zimphia2015centroids			
File types	csv, dta, sas7bdat			
CRS	WGS 84 (EPSG:4326)			
Variables	Name	Description	Type	Units
	centroidid	geomasked cluster centroid unique identifier	text	N/A
	longitude	geomasked cluster centroid longitude	numeric	decimal degrees
	latitude	geomasked cluster centroid latitude	numeric	decimal degrees
Number of clusters	500			
Summary statistics for D _{displacement}	D _{displacement} (meters)	Overall	Urban	Rural
	Minimum	200	200	1,006
	P25	438	259	1,439
	Median	1,480	335	1,850
	Mean	1,583	378	2,130
	P75	2,115	417	2,251
	Maximum	13,989	1,563	13,989
Summary of spatial coincidence analysis results	Result code		Number of clusters	
	1		429	
	3		63	
	7		2	
	8		3	
	15		3	
Missing data	None			
Discrepancies: geospatial versus household/individual datasets	The province variable for one household (householdid = ZW000000010077) and the individuals associated with that household is mis-specified as Mashonaland East. The correct province is Mashonaland West.			
Stratum-level administrative area boundary dataset	Each geomasked cluster centroid is constrained to remain inside the stratum-level administrative area in which the cluster is located, which correspond to provinces. The stratum-level administrative area boundary shapefile is available at: https://gadm.org/download_country_v3.html .			
Major water body dataset	Geomasked cluster centroids are constrained to not be displaced inside a major water body, such as a large lake or an ocean, as defined by the World Water Bodies 2016-11-30 Data and Maps for ArcGIS.			