

Figure S1. Global Moran's I statistic across five spatial lag orders.

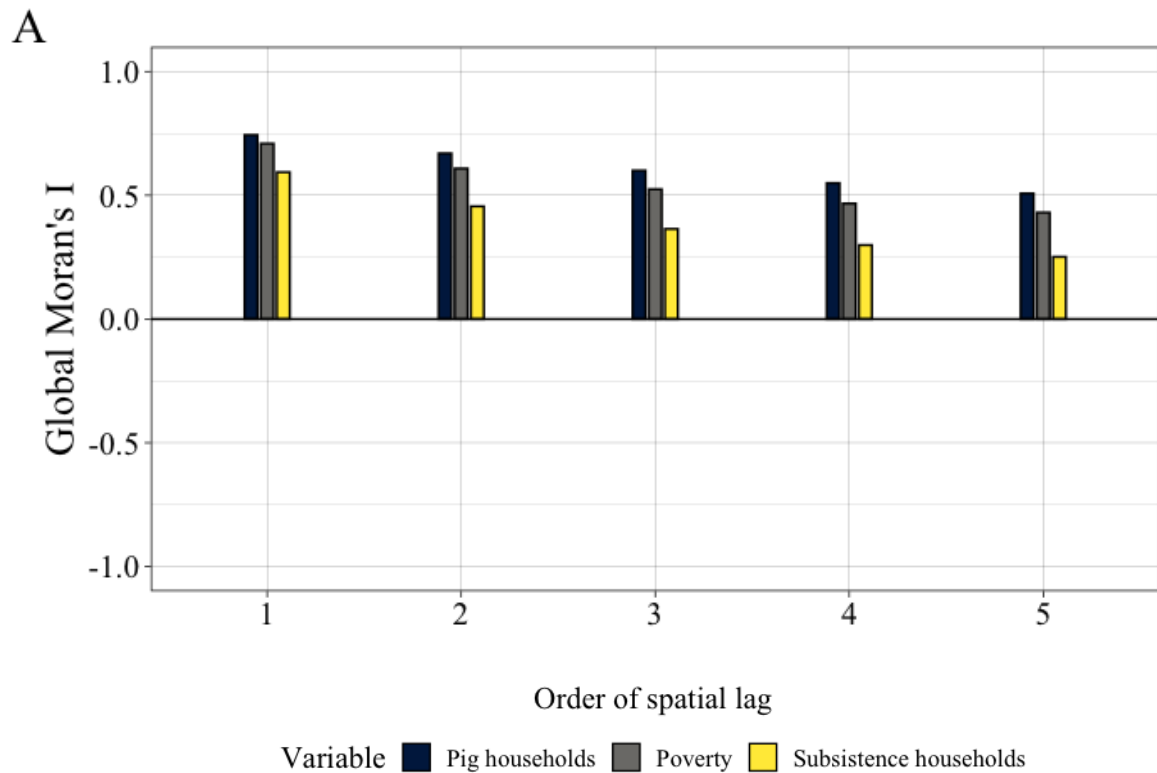


Table S1. Global join-count statistics for binary variables

Risk factor	Global join count statistic		
	Expected	Result	p-value
Main sanitation type			
<i>Improved-Improved</i>	10,641	13,108	<0.001
<i>Unimproved-Unimproved</i>	2,899	5,587	<0.001
Main water source			
<i>Improved-Improved</i>	4,837	8,148	<0.001
<i>Unimproved-Unimproved</i>	7,647	11,220	<0.001