

Table 4 Spearman's correlations matrix between density of physicians and nurses, life expectancy, infant mortality rate (IMR), under-5 years mortality rate (U5MR) and maternal mortality rate (MMR) for the 18 states in Sudan, 2016

Variable	Density of Physicians	Density of nurses	Life expectancy	IMR	U5MR
Density of nurses	0.847***				
Life expectancy	0.765***	0.522			
IMR	-0.658**	-0.572*	-0.449		
U5MR	-0.625*	-0.486	-0.645*	0.762***	
MMR	-0.732**	-0.646**	-0.687**	0.383	0.329

*P-value < 0.05, **P-value < 0.01, ***P-value < 0.001.