Table 3. Correlation of JEE scores percentage and demographic, socioeconomic, mortality, universal health coverage and political instability indicators in the 14 EMR countries

Indicator list	Indicator	Spearman rank correlation coefficient with JEE Overall mean score
Health determinant and risks		
Demographic and socioeconomic determinants	Total population (000s)	-0.49
	Annual popuation growth (%)	0.08
	Total fertility rate	-0.58*
	Adolescent fertility rate (15-19 years)	-0.30
	Net primary school enrollment ration per 100 school- age children	0.60*
	Literacy rate (15-24 years), both sexes (%)	0.71*
Health Risks	Access to improved drinking water (%)	0.66**
	Access to improved sanitation facilities (%)	0.77***
Health Status		
Life expectancy and Mortality	Life expectancy at birth, both sexes	0.71***
	neonatal mortality rate (per 1000 live births), 2015	-0.83***
	Infant mortality rate (per 1000 live births), 2015	-0.80***
	Under-five mortality rate (per 1000 live births), 2015	-0.77***
	Maternal mortality ratio (per 100 000 live births)	-0.84***
	CD mortality (%)	-0.51
	NCD mortality (%)	-0.58*
	Mortality rate attributed to exposure to unsafe WASH services (per 100 000 population)	-0.77***
	Mortality rate attributed to household and ambient air pollution (per 10 000 population)	-0.81***
	Tuberculosis, case notification rate per 100 000, 2015	-0.64**
Morbidity	HIV, number of newly reported cases,	-0.47
	Hepatitis B, incidence rate per 100 000	-0.75***
Health System Response		
Health Finance	Health expenditure per capita (USD)	0.87**
	General government expenditure on health as % of general government expenditure	-0.14
	Out of pocket expenditure as % of total health expenditure	-0.66**
Service delivery	Hospital bed density (per 1000 population)	0.52
	Primary health care facilities (per 1000 population)	-0.45
	Annual outpatient visit per capita, Ratio	0.18
Service coverage	Proportion of births attended by skilled health personnel	0.72**
	Tuberculosis success rate of new bacteriology confirmed cases, 2015	-0.26
	Suspected malaria cases that have had a diagnostic test	0.75***
	Adults and children currently receiving ARV therapy among all living with HIV estimates	0.66**
Political instability	Estimated direct deaths from major conflicts/100000s	0.56*
	Global Peace Index	0.62**