

Table 4: Results of the multivariate analysis of explanatory variables' associated with JEE indicator

Variable	Coefficient (SE)	Odd Ratio (95% CI)	P value
Adolescent fertility rate (15-19 years)			
≤ 20		Reference	
> 20	1.53 (0.60)	4.65 (1.42 - 15.19)	0.01
Neonatal mortality ratio (per 100 000 live births)			
≤ 8		Reference	
> 8	-1.97 (0.52)	0.14 (0.05 - 0.39)	<0.01
Net primary school enrollment ration per 100 school- age children			
≤ 80		Reference	
> 80	2.97 (0.67)	19.54 (5.24 - 72.82)	<0.01
Random Effect (Variance)			
	Intercept (SE)	95% CI	
Country	0.27 (0.20)	0.06 - 1.13	
JEE technical area	0.46 (0.22)	0.18 - 1.16	