

Annex 4F. Factors Associated with Student Achievement in Grade 9 in Rajasthan and Orissa, India

Supplemental material for: Wu, K.B. 2017. "Measuring Impact: Education." In *Disease Control Priorities* (third edition), Volume 8, *Child and Adolescent Health and Development*, edited by D.A.P Bundy, N. de Silva, S. Horton, D.T. Jamison, and G. Patton. Washington DC: World Bank.

	Rajasthan		Orissa	
	Coefficient		Coefficient	
Grand Mean	33.01	***	36.57	***
<i>At the Student Level:</i>				
Student Characteristics and Background				
Girls (compared with boys)	-1.5	*	-2.78	***
Scheduled Caste			-1.65	**
Scheduled Tribes	-1.5	**		
Mother's education:				
Upper primary			1.44	**
Secondary			1.61	**
Senior Secondary			2.85	**
Graduate	2.8	*	7.85	***
Home resources:				
Basic resources			0.68	***
Newspaper at home			2.34	***
Parental expectation:				
Certificate	1.8	***	1.48	
Diploma	1.7	*	3.5	***
B.A	2.6	***	3.14	***
Graduate degree	1.8	***	3.66	***
Opportunity to learn				
Homework and exams	0.5	***		
<i>At the School Level:</i>				
Classroom Aggregate of Student Variables				
Class average of advanced home resources	5.62	**	18.13	***
School characteristics				
Private aided school	6.18	**		
Private unaided school	10.62	**		
Urban school	-4.83	**		
OTL: Frequency of missing math class	-1.39	**		

Source: Wu, K.B. D. Sankar, and M. Azam 2006. "Secondary Education in India." A World Bank Study, Washington, DC.

Note: *p<.1; **p<.05; ***p<.01