

Online Appendix: “Iron Deficiency and Schooling Attainment in Peru”

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Table O.A.1: Summary Statistics by Treatment Group

Variable	(1)	(2)	(3)	(4)	(5)	(6)
Treat 1 - Soccer (Mean)	Treat 2 - Physician (Mean)	Control (Mean)	Treat 1 vs Control (P-Value)	Treat 2 vs Control (P-Value)	N (Treat 1 / Treat 2 / Control)	
Male	0.514	0.452	0.597	0.323	0.081*	70/73/72
Age (months)	181.462	178.919	181.871	0.913	0.408	70/73/72
Distance to school (hours)	0.756	0.654	0.746	0.935	0.426	67/70/71
Baseline Hemoglobin Level	12.744	12.689	13.042	0.452	0.301	69/72/72
Baseline Anemia Status	0.391	0.458	0.403	0.890	0.504	69/72/72
Height (cm)	147.584	148.515	150.536	0.062*	0.166	68/72/72
Weight (kg)	46.675	46.136	47.879	0.440	0.188	69/72/72
No. Members in Household	6.114	5.507	5.764	0.308	0.414	70/73/72
2009 First Quarter Grades	12.031	12.266	11.917	0.527	0.073*	70/73/72
Grade at Baseline	2.700	2.685	2.764	0.778	0.724	70/73/72
Monthly Income (100 S/.)	8.228	7.126	8.340	0.945	0.284	70/73/72
Mother's Years of Education	3.429	3.500	3.319	0.809	0.721	70/72/72
Owms Land	.886	0.781	0.847	0.504	0.308	70/73/72
Father Present in HH	0.700	0.795	0.833	0.061*	0.552	70/73/72
Size of House (m2)	100.343	119.685	103.653	0.753	0.437	70/73/72
Perceived Upward Mobility ¹	1.672	1.648	1.629	0.649	0.832	67/71/70
Has Sibling	7.300	8.397	7.625	0.728	0.442	70/73/72
Total Computer Time (hours) ²	0.400	0.452	.444	0.595	0.927	70/73/72
Household Electricity	0.676	0.819	0.690	0.864	0.073*	68/72/71
Joint F-Test (Wald Test)	17.383	16.663		0.5639	0.6127	

¹ Perceived Upward Mobility is an index of whether the student plans to leave their hometown after graduation and whether they plan to continue their education after graduation.

² Total Computer Time refers to the number of hours spent on a computer through the program.

Table O.A.2: Family-Wise Error Rate Adjusted¹ p-values

	Anemic					
	Coefficient	Unadjusted	Adjusted	Coefficient	Unadjusted	Adjusted
		p-value	p-value		p-value	p-value
Average Grades	0.455	0.040	0.262	0.434	0.047	0.256
Cognitive Function	86.64	0.038	0.141	80.77	0.045	0.099
Promotion	0.114	0.050	0.262	0.105	0.075	0.256
Perceived Upward Mobility	0.175	0.006	0.047	0.170	0.010	0.074
Controls ²		No			Yes	

	Non-Anemic					
	Coefficient	Unadjusted	Adjusted	Coefficient	Unadjusted	Adjusted
		p-value	p-value		p-value	p-value
Average Grades	-0.098	0.591	0.956	-0.102	0.586	0.970
Cognitive Function	-11.62	0.698	0.967	-13.82	0.639	0.970
Promotion	0.044	0.356	0.494	0.042	0.397	0.481
Perceived Upward Mobility	0.008	0.889	0.967	0.025	0.662	0.970
Controls ²		No			Yes	

1 Adjusted p-values are estimated using Westfall and Young's free stepdown resampling algorithm (Kling, Liebman and Katz 2007; Liebman and Luttmer 2015).

2 All regressions include controls for sex and class. Some specifications include additional controls for household income, electricity at home, and mother's years of schooling.

References

- Kling, Jeffrey R., Jeffrey B. Liebman, and Lawrence F. Katz.** 2007. “Experimental Analysis of Neighborhood Effects.” *Econometrica*, 75(1): 83–119.
- Liebman, Jeffrey B., and Erzo F. P. Luttmer.** 2015. “Would People Behave Differently if They Better Understood Social Security? Evidence from a Field Experiment.” *American Economic Journal: Economic Policy*, 7(1): 275–299.