



# **APPENDIX B:**

## **List of reviewed studies**

- 1. Angrist, J. D.; Lavy, V.**  
2002  
*New evidence on classroom computers and pupil learning*  
Journal article  
*Economic Journal*  
Israel
- 2. Araya, R.; Arias Ortiz, E.; Bottan, N. L.; Cristia, J. P.**  
2019  
*Does gamification in education work?: Experimental evidence from Chile*  
Working paper  
<https://publications.iadb.org/en/does-gamification-education-work-experimental-evidence-chile-o>  
Chile
- 3. Bando, R.; Gallego, F.; Gertler, P. J.; Romero, D**  
2017  
*Books or laptops? The cost-effectiveness of shifting from printed to digital delivery of educational content*  
Working paper  
<http://www.nber.org/papers/w22928.pdf>  
Honduras
- 4. Banerjee, A. V.; Cole, S.; Duflo, E.; Linden, L. L.**  
2007  
*Remedying education: Evidence from two randomized experiments in India*  
Journal article  
*The Quarterly Journal of Economics*  
<http://qje.oxfordjournals.org/content/122/3/1235.full.pdf+html>  
India

**5. Barrera-Osorio, F.; Linden, L. L.**

2009

*The use and misuse of computers in education: Evidence from a randomized experiment in Colombia*

Working paper

[http://documents.worldbank.org/curated/en/346301468022433230/pdf/](http://documents.worldbank.org/curated/en/346301468022433230/pdf/WPS4836.pdf)

WPS4836.pdf

Colombia

**6. Beg, S. A.; Lucas, A. M.; Halim, W.; Saif, U.**

2020

*Beyond the basics: Improving post-primary content delivery through classroom technology*

Working paper

Pakistan

**7. Berlinski, S.; Busso, M.**

2013

*Pedagogical change in mathematics teaching: Evidence from a randomized control trial*

Unpublished manuscript

[https://pdfs.semanticscholar.org/2cd6/62e39729f5f23fcd41da2b12e82abe](https://pdfs.semanticscholar.org/2cd6/62e39729f5f23fcd41da2b12e82abeb4475b.pdf)

b4475b.pdf

Costa Rica

**8. Beuermann, D. W.; Cristia, J. P.; Cruz-Aguayo, Y.; Cueto, S.; Malamud, O.**

2015

*One Laptop per Child at Home: Short-Term Impacts from a Randomized Experiment in Peru*

Journal article

*American Economic Journal: Applied Economics*<https://www.aeaweb.org/articles?id=10.1257/app.20130267>

Peru

- 9. Büchel, K.; Jakob, M.; Kühnhanss, C.; Steffen, D.; Brunetti, A.**  
2020  
*The relative effectiveness of teachers and learning software: Evidence from a field experiment in El Salvador*  
Working paper  
<https://ideas.repec.org/p/bss/wpaper/36.html>  
El Salvador
- 10. Carillo, P.; Onofa, M.; Ponce, J.**  
2011  
*Information technology and student achievement: Evidence from a randomized experiment in Ecuador*  
Working paper  
<https://publications.iadb.org/en/publication/10627/information-technology-and-student-achievement-evidence-randomized-experiment>  
Ecuador
- 11. Chemin, M.; Oledan, J.**  
2020  
*Does online tutoring work? Evidence from a cross-cultural tutoring experiment between Canada and Kenya*  
Unpublished manuscript  
Kenya

- 12. Chiplunkar, G.; Dhar, D.; Nagesh, R.**  
2020  
*Too little, too late: Improving post-primary learning outcomes in India*  
Working paper  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_riseprogramme.org\\_sites\\_default\\_files\\_inline-2Dfiles\\_Dhar.pdf&d=DwMFaQ&c=slrrB7dE8n7gBJbeOog-IQ&r=IFHfNpFB8qA6XTulbdqAhovWwVuox7Ruofv3AZVxgVo&m=UeiNQd yrC2Mlu5fgIWp-3EGAuj\\_jzQwXiF8Wx6MHPAs&s=FtKsLm2w1pww14Ez FBlcws UQe8rJgUfPdd5ddjYLbsY&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__riseprogramme.org_sites_default_files_inline-2Dfiles_Dhar.pdf&d=DwMFaQ&c=slrrB7dE8n7gBJbeOog-IQ&r=IFHfNpFB8qA6XTulbdqAhovWwVuox7Ruofv3AZVxgVo&m=UeiNQd yrC2Mlu5fgIWp-3EGAuj_jzQwXiF8Wx6MHPAs&s=FtKsLm2w1pww14Ez FBlcws UQe8rJgUfPdd5ddjYLbsY&e=)  
India
- 13. Cristia, J.; Ibararán, P.; Cueto, S.; Santiago, A.; Severín, E.**  
2017  
*Technology and child development: Evidence from the One Laptop per Child program*  
Journal article  
*American Economic Journal: Applied Economics*  
<https://www.aeaweb.org/articles?id=10.1257/app.20150385>  
Peru
- 14. de Barros, A.**  
2020  
*Do students benefit from blended instruction? Experimental evidence from public schools in India*  
Unpublished manuscript  
India
- 15. de Hoop, T.; Ring, H.; Siwach, G.; Dias, P.; Tembo, G.; Rothbard, V.; Toungui, A.**  
2020  
*Impact of e-learning technology and activity-based learning on learning outcomes: Experimental evidence from community schools in rural Zambia*  
Zambia

**16. Fabregas, R.**

2019

*Broadcasting human capital? The long term effects of Mexico's telesecundarias*

Unpublished manuscript

Mexico

**17. Ferman, B.; Finamor, L.; Lima, L.**

2019

*Are public schools ready to integrate math classes with Khan Academy?*

Working paper

[https://www.povertyactionlab.org/sites/default/files/research-paper/Are-Public\\_Schools-Ready-toIntegrate-Math-Classes-with-KhanAcademy\\_ferman\\_etal\\_June2019.pdf](https://www.povertyactionlab.org/sites/default/files/research-paper/Are-Public_Schools-Ready-toIntegrate-Math-Classes-with-KhanAcademy_ferman_etal_June2019.pdf)

Brazil

**18. He, F.; Linden, L. L.; MacLeod, M.**

2008

*How to teach English in India: Testing the relative productivity of instruction methods with Pratham English Language Education Program*

Unpublished manuscript

<http://www.leighlinden.com/PicTalk%20Working%20Paper%202008-07-02.pdf>

India

**19. Huang, W.; Mo, H.; Shi, Y.; Zhang, L.; Boswell, M.; Rozelle, S.**

2015

*Computer technology in education: Evidence from a pooled study of computer assisted learning programs among rural students in China*

Journal article

*China Economic Review*

<https://www.sciencedirect.com/science/article/pii/S1043951X15001133>

China

**20. Johnston, J.; Ksoll, C.**

2017

*Effectiveness of interactive satellite-transmitted instruction: Experimental evidence from Ghanaian primary schools*

Working paper

<https://files.eric.ed.gov/fulltext/ED579066.pdf>

Ghana

**21. Lai, F.; Luo, R.; Zhang, L.; Huang, X.; Rozelle, S.**

2015

*Does computer-assisted learning improve learning outcomes? Evidence from a randomized experiment in migrant schools in Beijing*

Journal article

*Economics of Education Review*<https://www.sciencedirect.com/science/article/pii/S027277571500045X>

China

**22. Lai, F.; Zhang, L.; Hu, X.; Qu, Q.; Shi, Y.; Qiao, Y.; Boswell, M.; Rozelle, S.**

2013

*Computer assisted learning as extracurricular tutor? Evidence from a randomised experiment in rural boarding schools in Shaanxi*

Journal article

*Journal of Development Effectiveness*<https://www.tandfonline.com/doi/abs/10.1080/19439342.2013.780089>

China

- 23. Lai, F.; Zhang, L.; Qu, Q.; Hu, X.; Shi, Y.; Boswell, M.; Rozelle, S.**  
2012  
*Does computer-assisted learning improve learning outcomes? Evidence from a randomized experiment in public schools in rural minority areas in Qinghai, China*  
Working paper  
[https://reap.fsi.stanford.edu/publications/does\\_computerassisted\\_learning\\_improve\\_learning\\_outcomes\\_evidence\\_from\\_a\\_randomized\\_experiment\\_in\\_public\\_schools\\_in\\_rural\\_minority\\_areas\\_in\\_qinghai\\_china](https://reap.fsi.stanford.edu/publications/does_computerassisted_learning_improve_learning_outcomes_evidence_from_a_randomized_experiment_in_public_schools_in_rural_minority_areas_in_qinghai_china)  
China
- 24. Linden, L. L.**  
2008  
*Complement or substitute? The effect of technology on student achievement in India*  
Unpublished manuscript  
[http://www.leighlinden.com/Gyan\\_Shala\\_CAL\\_2008-06-03.pdf](http://www.leighlinden.com/Gyan_Shala_CAL_2008-06-03.pdf)  
Mexico
- 25. Ma, Y.; Fairlie, R. W.; Loyalka, P.; Rozelle, S.**  
2020  
*Isolating the “tech” from edtech: Experimental evidence on computer assisted learning in China*  
Working paper  
<https://www.nber.org/papers/w26953>  
China
- 26. Malamud, O.; Pop-Eleches, C.**  
2011  
*Home computer use and the development of human capital*  
Journal article  
*The Quarterly Journal of Economics*  
<https://academic.oup.com/qje/article-abstract/126/2/987/1868417>  
Romania



- 27. Mo, D., Bai, Y.; Shi, Y.; Abbey, C.; Zhang, L.; Rozelle, S.; Loyalka, P.**  
2020  
*Institutions, implementation, and program effectiveness: Evidence from a randomized evaluation of computer-assisted learning in rural China*  
Journal article  
*Journal of Development Economics*  
<https://www.sciencedirect.com/science/article/abs/pii/S0304387820300626>  
China
- 28. Mo, D., Zhang, L., Wang, J., Huang, W., Shi, Y., Boswell, M., & Rozelle, S. (). . Stanford, CA: Stanford University Rural Education Action Program (REAP).**  
2014  
*Persistence of learning gains from computer assisted learning: Experimental evidence from China*  
Journal article  
*Journal of Computer Assisted Learning*  
<https://onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12106>  
China
- 29. Mo, D.; Swinnen, J.; Zhang, L.; Yi, H.; Qu, Q.; Boswell, M.; Rozelle, S.**  
2013  
*Can one-to-one computing narrow the digital divide and the educational gap in China? The case of Beijing migrant schools*  
Journal article  
*World Development*  
<https://www.sciencedirect.com/science/article/pii/S0305750X13000077>  
China

- 30. Mo, D.; Zhang, L.; Lui, R.; Qu, Q.; Huang, W.; Wang, J.; Qiao, Y.; Boswell, M.; Rozelle, S.**  
2014  
*Integrating computer assisted learning into a regular curriculum: Evidence from a randomized experiment in rural schools in Shaanxi*  
Journal article  
*Journal of Development Effectiveness*  
<https://www.tandfonline.com/doi/abs/10.1080/19439342.2014.911770>  
China
- 31. Muralidharan, K.; Singh, A.; Ganimian, A. J.**  
2019  
*Disrupting education? Experimental evidence on technology-aided instruction in India*  
Journal article  
*American Economic Review*  
<https://www.aeaweb.org/articles?id=10.1257/aer.20171112>  
India
- 32. Naik, G.; Chitre, C.; Bhalla, M.; Rajan, J.**  
2019  
*Impact of use of technology on student learning outcomes: Evidence from a large-scale experiment in India*  
Unpublished manuscript  
[https://manaswinibhalla.weebly.com/uploads/4/8/g/2/489264/ict\\_paper-iim\\_b.pdf](https://manaswinibhalla.weebly.com/uploads/4/8/g/2/489264/ict_paper-iim_b.pdf)  
India

- 33. Naslund-Hadley, E.; Parker, S. W.; Hernandez-Agramonte, J. M.**  
2014  
*Fostering early math comprehension: Experimental evidence from Paraguay*  
Journal article  
*Global Education Review*  
<http://ger.mercy.edu/index.php/ger/article/view/53>  
Paraguay
- 34. Navarro-Sola, L.**  
2019  
*Secondary school expansion through televised lessons: The labor market returns of the Mexican Telesecundaria*  
Unpublished manuscript  
[https://laianaso.github.io/laianavarrosola.com/Navarro-Sola\\_JMP.pdf](https://laianaso.github.io/laianavarrosola.com/Navarro-Sola_JMP.pdf)  
Mexico
- 35. Pitchford, N. J.**  
2015  
*Development of early mathematical skills with a tablet intervention: a randomized control trial in Malawi*  
Journal article  
*Frontiers in Psychology*  
<https://www.frontiersin.org/articles/10.3389/fpsyg.2015.00485/full>  
Malawi
- 36. Seo, H. K.**  
2017  
*Do school electrification and provision of digital media deliver educational benefits? First-year evidence from 164 Tanzanian secondary schools*  
Working paper  
[https://www.theigc.org/wp-content/uploads/2017/10/IGC\\_Final-report\\_cover2.pdf](https://www.theigc.org/wp-content/uploads/2017/10/IGC_Final-report_cover2.pdf)  
Tanzania

**37. Yang, Y.; Zhang, L.; Zeng, J.; Pang, X.; Lai, F.; Rozelle, S.**

2013

*Computers and the academic performance of elementary school-aged girls in China's poor communities*

Journal article

*Computers & Education*

<https://www.sciencedirect.com/science/article/pii/S0360131512001972>

China