

Supplementary Materials

Complete model variable table

Table S1. Benchmark regression estimation results for household technology on child health
(Correspond to Table 3 in article).

VARIABLES	(1) HAZ	(2) WAZ	(3) BAZ
Rural * Post	0.059** (0.029)	0.083*** (0.030)	0.069** (0.031)
Rural	0.032* (0.019)	0.016** (0.013)	0.033* (0.021)
Post	0.059** (0.029)	0.083*** (0.030)	0.069** (0.031)
Age	-0.086*** (0.007)	-0.064*** (0.008)	-0.025*** (0.008)
Education	0.042*** (0.005)	0.023*** (0.005)	0.002 (0.005)
Insurance	0.109*** (0.030)	0.073** (0.032)	0.024 (0.032)
Sleep time	-0.064*** (0.011)	-0.060*** (0.012)	-0.029** (0.012)
Water	0.008 (0.034)	0.010 (0.036)	0.012 (0.037)
Toilet	0.165*** (0.031)	0.179*** (0.032)	0.116*** (0.033)
Ln(income)	0.021* (0.012)	0.013 (0.013)	0.007 (0.013)
P_H time	0.000 (0.000)	0.000* (0.000)	0.000 (0.000)
P_Smoke	-0.342*** (0.126)	0.020 (0.132)	-0.290** (0.136)
P_Education	0.018*** (0.003)	0.018*** (0.003)	0.012*** (0.003)
Constant	0.100 (0.176)	0.373** (0.185)	0.287 (0.189)
R-squared	0.081	0.061	0.023
Observations	5,085	5,085	5,085

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S2. Robustness checks for different indicators and estimation methods (Correspond to Table 4 in article).

	Alternative health	Alternative model (PSM-DID)		
	(1) SRH	(2) HAZ	(3) WAZ	(4) BAZ
Rural * Post	0.141*** (0.051)			
Pilot * After		0.099* (0.051)	0.087* (0.046)	0.167*** (0.056)
Age	-0.016 (0.014)	-0.101*** (0.009)	-0.077*** (0.010)	-0.030*** (0.010)
Education	-0.014 (0.008)	0.058*** (0.006)	0.033*** (0.006)	0.003 (0.006)
Insurance	0.013 (0.054)	0.095*** (0.032)	0.119*** (0.033)	0.088*** (0.034)
Sleep time	-0.028 (0.021)	-0.101*** (0.014)	-0.103*** (0.015)	-0.057*** (0.015)
Water	-0.120** (0.061)	-0.114*** (0.042)	-0.042 (0.043)	0.017 (0.044)

Toilet	0.084 (0.054)	0.017 (0.035)	0.005 (0.036)	-0.001 (0.037)
Ln(income)	-0.006 (0.022)	0.065*** (0.015)	0.066*** (0.016)	0.038** (0.016)
P_H time	-0.000 (0.000)	0.001*** (0.000)	0.001*** (0.000)	0.000*** (0.000)
P_Smoke	0.191 (0.233)	-0.079 (0.142)	0.190 (0.148)	0.322** (0.150)
P_Education	-0.003 (0.004)	0.041*** (0.003)	0.038*** (0.003)	0.024*** (0.003)
Constant	2.985*** (0.318)	-0.010 (0.029)	0.100*** (0.027)	0.282*** (0.031)
R-squared	0.011	0.140	0.002	0.811
Observations	4,797	1,562	1,562	1540

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S3. Household technology and child health status: gender heterogeneity (Correspond to Table 5 in article).

	Boys			Girls		
	(1) HAZ	(2) WAZ	(3) BAZ	(4) HAZ	(5) WAZ	(6) BAZ
Rural * Post	0.035 (0.039)	0.066 (0.041)	0.052 (0.042)	0.077* (0.043)	0.093** (0.045)	0.078* (0.046)
Age	-0.084*** (0.010)	-0.050*** (0.010)	-0.003 (0.011)	-0.091*** (0.011)	-0.080*** (0.012)	-0.051*** (0.012)
Education	0.044*** (0.006)	0.014** (0.006)	-0.011* (0.007)	0.042*** (0.007)	0.034*** (0.007)	0.018** (0.007)
Insurance	0.123*** (0.042)	0.100** (0.044)	0.053 (0.045)	0.093** (0.044)	0.043 (0.046)	-0.005 (0.047)
Sleep time	-0.066*** (0.015)	-0.061*** (0.016)	-0.030* (0.017)	-0.067*** (0.017)	-0.063*** (0.018)	-0.033* (0.019)
Water	0.004 (0.046)	-0.009 (0.049)	-0.017 (0.050)	0.020 (0.051)	0.042 (0.053)	0.056 (0.055)
Toilet	0.164*** (0.042)	0.171*** (0.044)	0.113** (0.045)	0.163*** (0.045)	0.175*** (0.047)	0.102** (0.048)
Ln(income)	0.036** (0.017)	0.037** (0.018)	0.027 (0.018)	0.002 (0.018)	-0.015 (0.019)	-0.015 (0.019)
P_H time	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000** (0.000)	0.000* (0.000)
P_Smoke	-0.508** (0.217)	-0.109 (0.228)	0.222 (0.233)	-0.233 (0.156)	0.107 (0.163)	0.348** (0.168)
P_Education	0.016*** (0.003)	0.021*** (0.004)	0.017*** (0.004)	0.021*** (0.004)	0.015*** (0.004)	0.006 (0.004)
Constant	0.001 (0.238)	0.108 (0.250)	-0.015 (0.255)	0.278 (0.264)	0.689** (0.276)	0.638** (0.284)
R-squared	0.080	0.066	0.029	0.084	0.061	0.023
Observations	2,716	2,716	2,716	2,369	2,369	2,369

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S4. Household technology and child health status: age heterogeneity (Correspond to Table 6 in article).

	Age<12			Age>12		
	(1) HAZ	(2) WAZ	(3) BAZ	(4) HAZ	(5) WAZ	(6) BAZ
Rural * Post	0.044 (0.041)	0.055 (0.042)	0.052 (0.043)	0.108** (0.047)	0.145*** (0.049)	0.110** (0.050)
Education	0.021*** (0.005)	0.011** (0.005)	0.003 (0.005)	0.026*** (0.006)	0.006 (0.007)	-0.005 (0.007)
Insurance	0.153***	0.048	-0.038	0.051	0.066	0.046

	(0.045)	(0.047)	(0.048)	(0.044)	(0.047)	(0.048)
Sleep time	-0.083***	-0.072***	-0.030*	-0.050***	-0.042**	-0.019
	(0.017)	(0.018)	(0.018)	(0.017)	(0.018)	(0.018)
Water	0.017	-0.016	-0.020	-0.001	0.068	0.075
	(0.049)	(0.051)	(0.051)	(0.054)	(0.057)	(0.058)
Toilet	0.168***	0.220***	0.164***	0.122**	0.146***	0.104**
	(0.043)	(0.045)	(0.045)	(0.048)	(0.051)	(0.052)
Ln(income)	0.018	0.012	0.010	0.047**	0.029	0.009
	(0.017)	(0.018)	(0.018)	(0.020)	(0.021)	(0.022)
P_H time	0.000*	0.000**	0.000	-0.000	0.000	0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
P_Smoke	-0.297	0.026	0.327	-0.513***	-0.192	0.065
	(0.217)	(0.225)	(0.227)	(0.170)	(0.179)	(0.183)
P_Education	0.016***	0.022***	0.017***	0.022***	0.012***	0.000
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
Constant	-0.190	0.010	-0.035	-1.225***	-0.385	0.128
	(0.248)	(0.258)	(0.259)	(0.286)	(0.301)	(0.307)
R-squared	0.058	0.054	0.025	0.073	0.039	0.012
Observations	2,564	2,564	2,564	2,099	2,099	2,099

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S5. Mechanism analysis: impact of the household technology on parental time allocation (Correspond to Table 7 in article).

	(1) P_H time	(2) P_C time
Rural * Post	-13.854** (6.643)	5.949*** (0.465)
Insurance	26.744*** (2.278)	5.831*** (1.961)
Water	4.421* (2.576)	2.484 (2.130)
Toilet	9.033*** (2.370)	-2.160 (1.934)
Ln(income)	-1.087 (1.004)	0.193 (0.828)
P_Smoke	3.317 (10.559)	-12.374 (16.540)
P_Education	2.601*** (0.179)	0.092 (0.167)
Constant	124.753*** (2.291)	6.705*** (0.259)
R-squared	0.587	0.022
Observations	5,085	5,085

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S6. Mechanism analysis: the impact of the household technology on nutrition intake (Correspond to Table 8 in article).

	(1) Kcal	(2) Carbohydrate	(3) Fat	(4) Protein
Rural * Post	143.138*** (46.808)	21.570*** (7.015)	5.605** (2.711)	14.667*** (0.968)
Age	54.107*** (5.630)	9.356*** (0.858)	1.077*** (0.323)	1.674*** (0.207)
Education	10.196*** (3.542)	0.569 (0.539)	0.765*** (0.204)	0.291** (0.130)
Insurance	-38.679* (20.555)	-17.055*** (3.112)	2.959** (1.190)	1.275* (0.754)
Sleep time	11.243 (8.655)	2.458* (1.312)	0.171 (0.500)	-0.191 (0.318)
Water	-31.139 (24.782)	-15.517*** (3.795)	3.359** (1.410)	0.387 (0.914)
Toilet	50.316**	-11.442***	8.741***	5.231***

	(21.743)	(3.331)	(1.237)	(0.802)
Ln(income)	22.675**	-2.340*	2.653***	1.810***
	(9.255)	(1.410)	(0.531)	(0.340)
P_H time	-0.027	-0.027**	0.005	0.008**
	(0.090)	(0.014)	(0.005)	(0.003)
P_Smoke	-146.497*	-20.319	-4.578	-4.569
	(88.518)	(13.529)	(5.058)	(3.262)
P_Education	1.954	-0.966***	0.521***	0.293***
	(1.893)	(0.291)	(0.107)	(0.070)
Constant	1,628.123***	233.022***	54.160***	49.036***
	(12.483)	(1.871)	(0.723)	(0.344)
Control variables	Y	Y	Y	Y
R-squared	0.635	0.640	0.573	0.593
Observations	5,085	5,085	5,085	5,085

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

Table S7. Mechanism analysis: impact of household technology on nutrition intake (Correspond to Table 9 in article).

	(1) HAZ	(2) HAZ	(3) BAZ
TV_color	0.050 (0.060)	-0.037 (0.063)	-0.048 (0.064)
Washing_machine	0.131*** (0.036)	0.084** (0.037)	0.017* (0.038)
Refrigerator	0.199*** (0.033)	0.259*** (0.035)	0.216*** (0.036)
Age	-0.083*** (0.007)	-0.062*** (0.008)	-0.024*** (0.008)
Education	0.041*** (0.004)	0.022*** (0.005)	0.001 (0.005)
Insurance	0.088*** (0.028)	0.062** (0.029)	0.021 (0.030)
Sleep time	-0.060*** (0.011)	-0.055*** (0.012)	-0.026** (0.012)
Water	-0.036 (0.034)	-0.033 (0.036)	-0.017 (0.037)
Toilet	0.093*** (0.032)	0.101*** (0.033)	0.059* (0.034)
Ln(income)	0.008 (0.012)	0.001 (0.013)	-0.001 (0.013)
P_H time	0.000 (0.000)	0.000* (0.000)	0.000 (0.000)
P_Smoke	-0.300** (0.126)	0.066 (0.132)	0.322** (0.135)
P_Education	0.013*** (0.003)	0.013*** (0.003)	0.008*** (0.003)
Constant	0.131 (0.180)	0.495*** (0.189)	0.407** (0.195)
R-squared	0.094	0.075	0.100
Observations	5,085	5,085	5,085

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.