APPENDIX FIGURES AND TABLES (FOR ONLINE PUBLICATION)

Appendix A. Additional Results

Figure A1. Technology Presence in Biometric Centers over Time
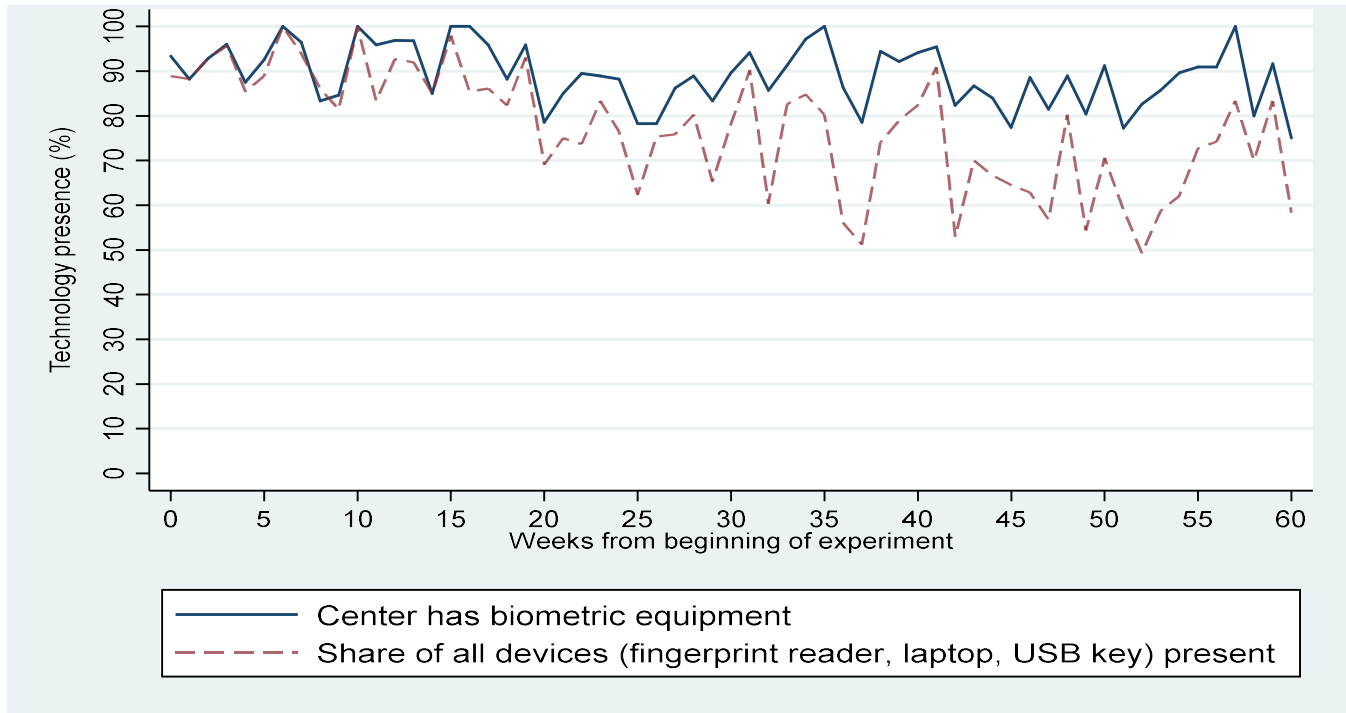
Table A1: Attrition Checks

Panel A: Impact on health worker attrition

	Treatment	Robust SE	Strata fixed effects	Health worker controls	R-squared	Observations	Mean in control group
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dropped out during intervention	-0.016	0.071	Yes	No	0.213	85	0.273
	-0.003	0.128	Yes	Yes	0.425	85	0.273

Panel B: Attritors and replacements' characteristics

	Attritors						Replacements					
	Control group		Treatment		P-value	Observ	Control group		Treatment		P-value	Observ
	Mean	SD	Mean	SD	T=C	ations	Mean	SD	Mean	SD	T=C	ations
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Male	1.000	0.000	0.700	0.483	0.226	22	0.700	0.483	0.700	0.483	1.000	20
Age	29.3	10.9	30.5	8.3	0.738	22	28.7	7.7	26.3	6.3	0.204	20
Caste												
General caste	0.250	0.452	0.400	0.516	0.567	22	0.400	0.516	0.500	0.527	0.717	20
Other Backward Class	0.500	0.522	0.500	0.527	1.000	22	0.300	0.483	0.500	0.527	0.457	20
Scheduled Caste	0.167	0.389	0.000	0.000	0.115	22	0.200	0.422	0.000	0.000	0.162	20
Scheduled Tribe	0.083	0.289	0.100	0.316	0.904	22	0.000	0.000	0.000	0.000	-	20
Minority	0.000	0.000	0.000	0.000	-	22	0.100	0.316	0.000	0.000	0.248	20
Religion												
Hindu	0.750	0.452	1.000	0.000	0.029	22	0.600	0.516	0.900	0.316	0.126	20
Muslim	0.083	0.289	0.000	0.000	0.260	22	0.100	0.316	0.100	0.316	1.000	20
Other	0.167	0.389	0.000	0.000	0.157	22	0.300	0.483	0.000	0.000	0.023	20
Highest education level achieved												
Class 12 and below	0.636	0.505	0.700	0.483	0.766	21	0.400	0.516	0.700	0.483	0.232	20
Tertiary	0.364	0.505	0.300	0.483	0.766	21	0.600	0.516	0.300	0.483	0.232	20
Other diploma/non-formal education	0.000	0.000	0.000	0.000	-	21	0.000	0.000	0.000	0.000	-	20
Work experience												
Any previous work experience	0.750	0.452	0.700	0.483	0.841	22	0.800	0.422	0.700	0.483	0.656	20
Number of years of work experience	9.091	5.166	10.200	4.341	0.571	21	7.200	4.566	8.700	5.293	0.563	20
Any previous working in a job related to TB	0.083	0.289	0.200	0.422	0.381	22	0.300	0.483	0.000	0.000	0.056	20
Any previous experience in the social/NGO sector	0.000	0.000	0.000	0.000	-	21	0.111	0.333	0.100	0.316	0.939	19
Any other income generating activity, in addition to OpASHA	0.000	0.000	0.100	0.316	0.350	22	0.000	0.000	0.000	0.000	-	19
Lives in one of the areas covered by the centers	0.545	0.522	0.500	0.527	0.862	21	0.400	0.516	0.222	0.441	0.529	19
Household size	5.6	2.5	5.0	3.2	0.645	22	5.3	2.3	5.9	1.9	0.273	20
Lives alone	0.000	0.000	0.100	0.316	0.350	22	0.100	0.316	0.000	0.000	0.248	20
Assets												
Has electricty	1.000	0.000	0.900	0.316	0.351	21	1.000	0.000	1.000	0.000	-	20
Has tap water	0.818	0.405	0.700	0.483	0.595	21	0.900	0.316	0.600	0.516	0.191	20
Has a television	0.818	0.405	0.900	0.316	0.634	21	0.900	0.316	1.000	0.000	0.248	20
Has a refrigerator	0.455	0.522	0.600	0.516	0.450	21	0.500	0.527	0.800	0.422	0.185	20
Rents an apartment or house to a third party	0.083	0.289	0.000	0.000	0.358	20	0.100	0.316	0.111	0.333	0.941	19
Owns her house	0.667	0.492	0.400	0.516	0.219	22	0.600	0.516	0.800	0.422	0.269	20
Exposure to technology												
Knows how to use a computer	0.750	0.452	0.600	0.516	0.434	22	0.500	0.527	0.800	0.422	0.131	20
Knows how to use the internet	0.727	0.467	0.600	0.516	0.534	21	0.500	0.527	0.700	0.483	0.330	20
Has an email account	0.583	0.515	0.300	0.483	0.187	22	0.500	0.527	0.700	0.483	0.330	20
Has a social networking account	0.583	0.515	0.300	0.483	0.139	22	0.500	0.527	0.500	0.527	1.000	20
Days spent in the experiment	138.3	114.3	113.8	108.2	0.638	22	185.1	114.1	218.9	123.0	0.605	20
Reported baseline number of detections per month per area	2.568	2.148	2.770	0.954	0.812	16						
Reported baseline number of defaults per month per area	0.038	0.060	0.014	0.015	0.286	16						
Center open	0.984	0.044	1.000	0.000	1.000	14						
Total time center was open	373.1	235.4	259.7	144.3	0.735	14						
Health worker present at the center	0.772	0.230	0.733	0.406	0.280	15						
Total time health worker was present at the center	96.4	66.5	96.4	73.5	0.374	15						
Visit by OpAsha	0.108	0.182	0.041	0.078	0.400	16						
Adherence 1: Patient came to center and took or picked up pill	0.318	0.279	0.482	0.287	0.374	16						
Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit	0.622	0.303	0.676	0.304	0.492	16						

Notes: In Panel A, the unit of observation is the health worker. ***, **, * indicate significance at 1, 5, and 10 percent, respectively. We include all health workers who were part of the experiment. Health worker controls as in Table IV.

In Panel B, the means and standard deviations in the control and treatment groups are calculated based on the subsample of attritors (health workers who left the sample over the course of the experiment) and replacements (health workers who entered the sample over the course of the experiment) respectively (col. 1–4 and 7–10). We also report the p-value of the difference with clustered standard errors (col. 5 and 11).

In the last ten lines of Panel B, the unit of observation is the cluster of areas allocated to a health worker. The sample includes all clusters in which the initial health worker attrited. Baseline detection and default outcomes are computed based on six months of OpASHA center-wise data sheets prior to the experiment. Baseline observation days outcomes are computed based on observation days that took place before the beginning of the experiment.

Table A2: Availability of Various Data Sources

Panel A: Patient data

	Entry survey complete	Exit survey complete	Verification data available	At least one observation day	Total number of observation days
	(source: patient surveys)		*(source: government registers)*	*(source: observation days)*	
	(1)	(2)	(3)	(4)	(5)
Treatment	0.024	0.007	0.025	-0.006	0.4
	(0.019)	(0.017)	(0.022)	(0.014)	(0.1)**
Strata fixed effects	Yes	Yes	Yes	Yes	Yes
Observations	3393	3393	3057	3393	3393
R-squared	0.476	0.131	0.111	0.064	0.300
Mean in control group	0.607	0.725	0.946	0.896	3.6

Panel B: Healthworker data

	Baseline survey complete	Midline survey complete	Endline survey complete	Number of months of salary data
	(source: healthworker surveys)			*(source: salary data from OpAsha)*
	(1)	(2)	(3)	(4)
Treatment	0.000	-0.038	0.050	-0.2
	--	(0.064)	(0.080)	(0.9)
Strata fixed effects	Yes	Yes	Yes	Yes
Observations	85	85	85	85
R-squared	--	0.282	0.181	0.400
Mean in control group	1.000	0.818	0.727	11.1

Panel C: Area-level data

	At least one observation day	Total number of observation days	At least one random spot check	Total number of random spot checks	Number of months of program data
	(source: observation days)		*(source: random spot checks)*		*(source: program data)*
	(1)	(2)	(3)	(4)	(5)
Treatment	0.000	0.0	0.011	0.9	-0.3
	--	(0.7)	(0.009)	(0.4)**	(0.2)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes
Observations	122	122	122	122	122
R-squared	--	0.800	0.728	0.600	0.900
Mean in control group	1.000	25.0	0.906	7.1	15.1

Notes: Clustered standard errors are in parentheses (***, **, * indicate significance at 1, 5, and 10 percent, respectively). In Panel A, the unit of observation is a verified patient. We use the full sample of verified patients, whether enrolled before or after the beginning of the experiment, and control for a dummy indicating whether the patient was enrolled after the beginning of the experiment. In column 3, we exclude Indore, where we did not obtain access to the TB register. In Panel B, the unit of observation is a healthworker. In Panel C, the unit of observation is a treatment area. While there are 129 areas, the number of observations is 122 because the data for the seven mobile health workers is not area-specific.

Table A3: Impact on Likelihood to Default Predicted Based on Observables

Panel A: Multivariate regression of control group patients' defaults on observables

	Default			
	(1)	(2)	(3)	(4)
Male	0.024	0.022	0.021	0.025
	(0.016)	(0.017)	(0.014)	(0.016)
Age	0.000	0.000	0.000	0.000
	(0.001)	(0.001)	(0.000)	(0.000)
Caste: doesn't know	-0.054	0.015	-0.049	0.027
	(0.052)	(0.051)	(0.054)	(0.043)
Other Backward Class	0.010	0.018	-0.022	-0.003
	(0.027)	(0.022)	(0.028)	(0.020)
Scheduled Caste	-0.001	0.006	-0.019	-0.010
	(0.023)	(0.016)	(0.027)	(0.019)
Scheduled Tribe	0.013	0.007	-0.015	0.008
	(0.039)	(0.034)	(0.036)	(0.033)
Minority	-0.025	0.011	-0.051	0.008
	(0.065)	(0.046)	(0.041)	(0.035)
Muslim	0.014	-0.014	0.003	-0.034
	(0.062)	(0.041)	(0.036)	(0.029)
Other religion	-0.091	-0.090	-0.078	-0.018
	(0.031)***	(0.020)***	(0.023)***	(0.045)
Can read but not write	-0.101	-0.079	-0.119	-0.052
	(0.031)***	(0.036)**	(0.028)***	(0.052)
Can read and write	-0.031	-0.028	-0.056	-0.037
	(0.041)	(0.036)	(0.041)	(0.033)
Primary education	0.005	-0.009	0.057	0.032
	(0.044)	(0.044)	(0.038)	(0.037)
Secondary education	-0.001	-0.010	0.049	0.024
	(0.051)	(0.045)	(0.045)	(0.037)
Undergraduate and more	-0.005	0.007	0.028	0.017
	(0.057)	(0.052)	(0.045)	(0.043)
Size of the Household	-0.004	0.001	-0.004	0.000
	(0.004)	(0.003)	(0.004)	(0.003)
Lives alone	-0.007	-0.035	-0.034	-0.053
	(0.094)	(0.055)	(0.074)	(0.047)
Has tap water	-0.026	-0.036	-0.026	-0.035
	(0.023)	(0.021)*	(0.019)	(0.016)**
Has a television	-0.029	0.009	-0.013	0.011
	(0.033)	(0.023)	(0.023)	(0.016)
Has a refrigerator	0.039	0.025	0.012	0.015
	(0.041)	(0.032)	(0.033)	(0.025)
Owns her house	0.011	0.007	0.011	0.003
	(0.027)	(0.021)	(0.019)	(0.016)
Has lived in the area for more than 6 years (but not always)	-0.038	-0.015	-0.020	-0.007
	(0.023)	(0.028)	(0.019)	(0.021)
Has lived there for less than 5 years	-0.004	-0.013	0.022	0.000
	(0.029)	(0.026)	(0.022)	(0.018)
Is currently working	0.037	0.032	0.029	0.024
	(0.027)	(0.018)*	(0.018)	(0.015)
Time to go to the center	-0.001		-0.001	
	(0.002)		(0.001)	
Distance to the center	0.007		0.004	
	(0.003)***		(0.003)	
Including patients enrolled before the beginning of the experiment	No	No	Yes	Yes
Observations	593	965	882	1378
R-squared	0.046	0.023	0.031	0.016

Panel B: Impact on likelihood to default predicted based on observables

	Predicted likelihood to default			
	(1)	(2)	(3)	(4)
Treatment	0.003	-0.002	0.006	0.000
	(0.005)	(0.002)	(0.004)	(0.002)
Panel A regression includes patients enrolled before the beginning of the experiment	No	No	Yes	Yes
Panel A regression includes time to the center and distance to the center	Yes	No	Yes	No
Strata fixed effects	Yes	Yes	Yes	Yes
Observations	1374	2210	1374	2210
R-squared	0.109	0.078	0.083	0.103
Mean in control group	0.075	0.079	0.070	0.077

Notes: Clustered standard errors are in parentheses (***, **, * indicate significance at 1, 5, and 10 percent, respectively). The unit of observation is a verified patient.
In Panel A, we regress control group verified patients' likelihood to default on patient-level observables. Col. 1 and 2 use the subsample of verified patients enrolled after the beginning of the experiment and col. 3 and 4 use the full sample of verified patients, whether enrolled before or after the beginning of the experiment. Col. 1 and 3 use all patient-level observables shown in Tables II and IV except for "Has electricity," which is equal to 1 for all patients, and col. 2 and 4 drop variables observed for fewer than 90 percent of patients: time to go to the center and distance to the center. Omitted categories are general caste, Hindu, cannot read or write, pre-primary education, and has always lived in the area.
In Panel B, we predict the likelihood to default of all treatment and control group patients enrolled after the beginning of the experiment, based on the coefficients estimated in Panel A, and using all specifications shown in Panel A in turn.

Table A4: Responsiveness of OpAsha Visits to Patients' Treatment Adherence and Health Workers' Presence at the Center

| | Visit by OpAsha | | | | | |
	(1)	(2)	(3)	(4)	(5)	(6)
Patient adherence lagged	0.041	0.031				
	(0.027)	(0.023)				
Patient adherence lagged * Treatment	-0.103	-0.079				
	(0.048)**	(0.045)*				
Health worker present at the center lagged			0.032	0.022		
			(0.026)	(0.024)		
Health worker present at the center lagged * Treatment			-0.081	-0.066		
			(0.044)*	(0.047)		
Total time health worker was present at the center lagged					0.007	0.002
					(0.006)	(0.005)
Total time health worker was present at the center lagged * Treatment					-0.004	0.000
					(0.006)	(0.006)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes
Observations	2692	2692	2776	2776	2773	2773
R-squared	0.024	0.032	0.023	0.033	0.022	0.032

Notes: Clustered standard errors are in parentheses (***, **, * indicate significance at 1, 5, and 10 percent, respectively). The unit of observation is an observation day. All regressions control for the direct influence of Treatment. Health worker controls as in Table IV.
Patient adherence measures average adherence of all the center's patients. Individual patient adherence is equal to 1 if the patient came to the center and took or picked up the pill, their relative came to the center and picked up the pill, or the patient or their relative was given the pill during a home visit (in line with the definition of Adherence 2 in Table III). The total time the health worker was present at the center is computed net of breaks and measured in number of hours. The lagged values of patient adherence, health worker presence at the center, and the total time the health worker was present at the center are computed over the four previous observation days.

Table A5: Impact on Quality of Reporting on Patient Detection, Baseline

Panel A: Impact on survey outcomes, individual level (sources: program data, patient surveys)

	Patient verified (found and surveyed)	Survey not completed: Patient refused to answer	Survey not completed: Patient not found	Survey not completed: Health worker warning	Survey not completed: Patient death	Survey not completed: Other reasons
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	-0.025	0.007	0.031	-0.002	-0.005	-0.006
	(0.030)	(0.014)	(0.028)	(0.012)	(0.011)	(0.006)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1251	1251	1251	1251	1251	1251
R-squared	0.027	0.026	0.013	0.055	0.020	0.030
Mean in control group	0.637	0.081	0.150	0.044	0.058	0.029

Panel B. Impact on the fraction of patients reported in the government registers which are verified (sources: government registers, patient surveys)

	Likelihood to find the patient in government registers
	(1)
Treatment	-0.044
	(0.034)
Strata fixed effects	Yes
Observations	950
R squared	0.030
Mean in control group	0.676

Notes: Clustered standard errors are in parentheses (***, **, * indicate significance at 1, 5, and 10 percent, respectively). In Panel A, the unit of observation is a patient reported in the program data. We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table VIII.

Table A6: Changes in Impact on Treatment Interruption and Adherence over Time

Panel A: Impact on treatment interruption, or default (source: patient surveys)

	Treatment complete		Treatment ongoing		Default		Died		Outcome unknown	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	-0.001	-0.003	0.017	0.013	-0.023	-0.022	-0.003	-0.002	0.011	0.014
	(0.031)	(0.030)	(0.031)	(0.031)	(0.010)**	(0.010)**	(0.004)	(0.004)	(0.012)	(0.011)
Treatment x time	0.003	0.000	0.002	0.003	0.006	0.008	0.002	0.002	-0.013	-0.013
	(0.017)	(0.016)	(0.019)	(0.019)	(0.008)	(0.008)	(0.003)	(0.003)	(0.010)	(0.009)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	2802	2802	2802	2802	2802	2802	2802	2802	2802	2802
R squared	0.088	0.107	0.101	0.111	0.020	0.033	0.014	0.025	0.055	0.106
Mean in control group	0.507	0.507	0.299	0.299	0.073	0.073	0.016	0.016	0.105	0.105

Panel B: Impact on treatment adherence (source: observation days)

	Adherence 1: Patient came to the center and took or picked up the pill		Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit		Compliance with treatment verified (as per adherence 1)		Compliance with treatment verified (as per adherence 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.197	0.186	0.118	0.113	0.034	0.036	0.021	0.022
	(0.045)***	(0.040)***	(0.044)***	(0.037)***	(0.012)***	(0.012)***	(0.014)	(0.013)*
Treatment x time	-0.026	-0.028	-0.020	-0.025	0.004	0.002	0.003	0.001
	(0.018)	(0.016)*	(0.019)	(0.017)	(0.007)	(0.007)	(0.008)	(0.008)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	12844	12844	12810	12810	3041	3041	3043	3043
R-squared	0.091	0.137	0.109	0.163	0.039	0.056	0.061	0.077
Mean in control group	0.542	0.542	0.692	0.692	0.046	0.046	0.078	0.078

Panel C: Impact on patient compliance (source: patient surveys)

	Occasionally sent someone else to get the pills		Ever picked up medicine for one week or more during one visit	
	(1)	(2)	(3)	(4)
Treatment	-0.227	-0.226	-0.086	-0.086
	(0.027)***	(0.027)***	(0.024)***	(0.023)***
Treatment x time	0.008	0.007	0.006	0.006
	(0.013)	(0.013)	(0.015)	(0.013)
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	3352	3352	3295	3295
R-squared	0.130	0.149	0.090	0.103
Mean in control group	0.367	0.367	0.283	0.283

Notes: We control for time lapsed between the beginning of the experiment and the patient's treatment start date in Panels A and C as well as Panel B, col. 5–8, and for time lapsed between the beginning of the experiment and the observation date, in Panel B, col. 1–4 (in hundreds of days). We interact treatment with time. Other notes as in Table III.

Appendix B. Patients Enrolled Before the Beginning of the Experiment

Table B1: Impact on Treatment Interruption and Adherence (Patients Enrolled Before the Beginning of the Experiment)

Panel A: Impact on treatment interruption, or default (source: patient surveys)

	Treatment complete		Treatment ongoing		Default		Outcome unknown	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	-0.026	-0.024	0.046	0.044	-0.016	-0.017	-0.004	-0.002
	(0.045)	(0.044)	(0.042)	(0.041)	(0.018)	(0.018)	(0.006)	(0.007)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	788	788	788	788	788	788	788	788
R squared	0.027	0.068	0.031	0.070	0.030	0.053	0.047	0.077
Mean in control group	0.604	0.604	0.321	0.321	0.065	0.065	0.010	0.010

Panel B: Impact on treatment adherence (source: observation days)

	Adherence 1: Patient came to the center and took or picked up the pill		Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit		Compliance with treatment verified (as per adherence 1)		Compliance with treatment verified (as per adherence 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.158	0.162	0.041	0.046	-0.009	-0.005	-0.026	-0.022
	(0.038)***	(0.034)***	(0.038)	(0.035)	(0.010)	(0.008)	(0.011)**	(0.011)*
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	1812	1812	1819	1819	634	634	636	636
R-squared	0.086	0.136	0.114	0.176	0.027	0.103	0.079	0.137
Mean in control group	0.539	0.539	0.710	0.710	0.031	0.031	0.055	0.055

Panel C: Impact on patient compliance (source: patient surveys)

	Occasionally sent someone else to get the pills		Ever picked up medicine for one week or more during one visit	
	(1)	(2)	(3)	(4)
Treatment	-0.222	-0.215	-0.103	-0.107
	(0.038)***	(0.038)***	(0.030)***	(0.029)***
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls				
Observations	770	770	764	764
R-squared	0.113	0.162	0.080	0.128
Mean in control group	0.414	0.414	0.291	0.291

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. In Panel A, we don't report regression results for "Died" because this outcome takes value 0 for all patients in this subsample. Other notes as in Table III.

Table B2: Impact on Patients' Health (Patients Enrolled Before the Beginning of the Experiment)

Panel A: Impact on patients' physical health (source: patient surveys)

	Cured		Patient's ranking of their health		Index of no difficulty in performing activities		Index of health symptoms		Index of severe health symptoms		Index of increased health symptoms	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Treatment	0.037	0.042	-0.062	-0.032	-0.046	-0.052	-0.010	-0.004	-0.055	-0.054	-0.007	-0.011
	(0.044)	(0.040)	(0.126)	(0.114)	(0.057)	(0.048)	(0.034)	(0.031)	(0.043)	(0.040)	(0.027)	(0.028)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes		Yes
Observations	770	770	776	776	782	782	783	783	783	783	782	782
R-squared	0.063	0.101	0.043	0.136	0.052	0.196	0.311	0.368	0.159	0.213	0.016	0.044
Mean in control group	0.406	0.406	7.178	7.178	--	--	--	--	--	--	--	--

Panel B: Impact on patients' emotional health (source: patient surveys)

	Thinks that household situation will improve in the future		Has a project to improve their life and their family's life		Index of emotional distress		Overall somewhat or very happy		Overall satisfaction with their life	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	-0.031	-0.022	-0.019	-0.018	-0.043	-0.045	-0.034	-0.033	-0.282	-0.241
	(0.024)	(0.024)	(0.020)	(0.020)	(0.041)	(0.039)	(0.022)	(0.021)	(0.125)**	(0.114)**
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	686	686	772	772	780	780	774	774	775	775
R-squared	0.057	0.108	0.145	0.182	0.081	0.128	0.051	0.079	0.139	0.209
Mean in control group	0.864	0.864	0.144	0.144	--	--	0.947	0.947	7.252	7.252

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table V.

Table B3: Impact on Health Worker Activities as Reported by Patients (Patients Enrolled Before the Beginning of the Experiment)

	Health worker gives advice related to TB		Frequency of interactions with health worker		Health worker supports patient during treatment		Health worker sometimes or often delivers pills at patient's home	
	(source: patient surveys)							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	-0.012	-0.013	-0.027	-0.008	-0.017	-0.011	0.076	0.073
	(0.023)	(0.023)	(0.100)	(0.101)	(0.036)	(0.034)	(0.043)*	(0.042)*
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	759	759	730	730	761	761	761	761
R-squared	0.084	0.114	0.075	0.096	0.421	0.444	0.340	0.363
Mean in control group	0.915	0.915	1.403	1.403	0.227	0.227	0.448	0.448

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table VI.

Table B4: Impact on Quality of Reporting on Default (Patients Enrolled Before the Beginning of the Experiment)

	Actual likelihood to default		Default as reported in the government registers	
	(source: patient surveys)		*(source: government registers)*	
	(1)	(2)	(3)	(4)
Treatment	-0.016	-0.017	0.008	0.007
	(0.018)	(0.018)	(0.011)	(0.010)
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	788	788	643	643
R-squared	0.030	0.053	0.011	0.053
Mean in control group	0.065	0.065	0.023	0.023
Test: Treatment = Treatment(1) (or (2))				
P-value	--	--	0.169	0.156
F-statistic	--	--	1.93	2.06

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table VII.

Table B5: Impact on Patients' Satisfaction with Healthcare Received (Patients Enrolled Before the Beginning of the Experiment)

	Satisfied with their interaction with their health worker		Would refer a TB suspect to an OpAsha health worker	
	(source: patient surveys)			
	(1)	(2)	(3)	(4)
Treatment	0.003	0.005	-0.020	-0.019
	(0.014)	(0.014)	(0.024)	(0.022)
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	752	752	778	778
R-squared	0.032	0.060	0.393	0.419
Mean in control group	0.965	0.965	0.227	0.227

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table IX.

Table B6: Changes in Impact on Treatment Interruption and Adherence over Time (Patients Enrolled Before the Beginning of the Experiment)

Panel A: Impact on treatment interruption, or default (source: patient surveys)

	Treatment complete		Treatment ongoing		Default		Outcome unknown	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.018	0.018	-0.019	-0.014	0.004	-0.002	-0.004	-0.002
	(0.072)	(0.070)	(0.057)	(0.055)	(0.040)	(0.040)	(0.014)	(0.014)
Treatment x time	0.059	0.057	-0.086	-0.078	0.027	0.021	0.000	0.000
	(0.079)	(0.082)	(0.068)	(0.070)	(0.043)	(0.046)	(0.015)	(0.014)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	788	788	788	788	788	788	788	788
R squared	0.027	0.069	0.034	0.072	0.033	0.056	0.053	0.083
Mean in control group	0.604	0.604	0.321	0.321	0.065	0.065	0.010	0.010

Panel B: Impact on treatment adherence (source: observation days)

	Adherence 1: Patient came to the center and took or picked up the pill		Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit		Compliance with treatment verified (as per adherence 1)		Compliance with treatment verified (as per adherence 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.210	0.203	0.118	0.121	-0.026	-0.021	-0.059	-0.053
	(0.057)***	(0.055)***	(0.057)**	(0.051)**	(0.027)	(0.026)	(0.034)*	(0.032)
Treatment x time	-0.058	-0.048	-0.084	-0.081	-0.026	-0.023	-0.050	-0.046
	(0.039)	(0.037)	(0.037)**	(0.033)**	(0.026)	(0.027)	(0.044)	(0.044)
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	1812	1812	1819	1819	634	634	636	636
R-squared	0.099	0.148	0.124	0.184	0.045	0.117	0.111	0.164
Mean in control group	0.539	0.539	0.710	0.710	0.031	0.031	0.055	0.055

Panel C: Impact on patient compliance (source: patient surveys)

	Occasionally sent someone else to get the pills		Ever picked up medicine for one week or more during one visit	
	(1)	(2)	(3)	(4)
Treatment	-0.297	-0.279	-0.160	-0.156
	(0.069)***	(0.064)***	(0.065)**	(0.065)**
Treatment x time	-0.101	-0.086	-0.074	-0.065
	(0.084)	(0.083)	(0.088)	(0.084)
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	770	770	764	764
R-squared	0.115	0.165	0.083	0.129
Mean in control group	0.414	0.414	0.291	0.291

Notes: We use the subsample of verified patients enrolled before the beginning of the experiment. Other notes as in Table A6.

Appendix C. Wild Cluster Bootstrap Standard Errors

Table C1: Health Worker Summary Statistics (Wild Cluster Bootstrap)

	Control group mean (1)	Treatment group mean (2)	P-value Treatment = Control (3)
Panel A. Health workers' characteristics			
Male	0.794	0.710	0.394
Age	33.4	30.4	0.081
Caste			
General caste	0.265	0.516	0.051
Other Backward Class	0.382	0.323	0.700
Scheduled Caste	0.118	0.097	0.828
Scheduled Tribe	0.206	0.032	0.031
Minority	0.029	0.032	0.920
Religion			
Hindu	0.765	0.903	0.128
Muslim	0.176	0.097	0.374
Other	0.059	0.000	0.070
Highest education level achieved			
Class 12 and below	0.688	0.633	0.682
Tertiary	0.281	0.333	0.663
Other diploma/non-formal education	0.031	0.033	1.000
Work experience			
Any previous work experience	0.853	0.645	0.036
Number of years of work experience	9.2	8.7	0.753
Any previous working in a job related to TB	0.147	0.161	0.902
Any previous experience in the social/NGO sector	0.206	0.138	0.536
Any other income generating activity, in addition to OpASHA	0.088	0.129	0.742
Lives in one of the areas she covers	0.545	0.742	0.092
Household size	5.2	6.2	0.262
Lives alone	0.000	0.067	0.188
Assets			
Has electricty	1.000	0.933	0.182
Has tap water	0.594	0.400	0.102
Has a television	0.848	0.933	0.218
Has a refrigerator	0.545	0.467	0.530
Rents an apartment or house to a third party	0.118	0.207	0.210
Owns her house	0.559	0.581	0.934
Exposure to technology			
Knows how to use a computer	0.559	0.516	0.731
Knows how to use the internet	0.424	0.433	0.949
Has an email account	0.412	0.258	0.177
Has a social networking account	0.294	0.258	0.660
Days spent in the experiment	349.1	333.7	0.659
Panel B. OpASHA center-wise data sheets			
Reported baseline number of detections per month per area	2.965	2.393	0.054
Reported baseline fraction of defaults per month per area	0.029	0.039	0.426
Panel C. Observation days			
Center open	0.980	0.989	0.515
Total time center was open	307.4	311.8	0.961
Health worker present at the center	0.769	0.810	0.519
Total time health worker was present at the center, net of breaks	110.9	106.0	0.710
Visit by OpAsha	0.067	0.043	0.333
Adherence 1: Patient came to center and took or picked up pill	0.520	0.517	0.956
Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit	0.761	0.758	0.837

Notes : We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table I.

Table C2: Patient Summary Statistics (Wild Cluster Bootstrap)

	Control group mean	Treatment group mean	P-value Treatment = Control
	(1)	(2)	(3)
Male	0.535	0.576	0.562
Age	34.0	34.3	0.800
Caste			
Does not know	0.040	0.026	0.568
General caste	0.160	0.165	0.628
Other Backward Class	0.376	0.352	0.691
Scheduled Caste	0.229	0.297	0.128
Scheduled Tribe	0.118	0.103	0.210
Minority	0.078	0.058	0.590
Religion			
Hindu	0.869	0.903	0.626
Muslim	0.112	0.081	0.696
Other	0.019	0.016	0.577
Literacy			
Cannot read or write	0.271	0.301	0.469
Can read but not write	0.021	0.026	0.930
Can read and write	0.708	0.673	0.424
Education			
Pre-primary	0.217	0.234	0.756
Primary	0.375	0.390	0.568
Secondary	0.367	0.334	0.526
Undergraduate and more	0.042	0.042	0.926
Household size	5.6	5.4	0.191
Lives alone	0.019	0.016	0.566
Assets			
Has electricty	0.968	0.935	0.042
Has tap water	0.520	0.418	0.524
Has a television	0.826	0.832	0.536
Has a refrigerator	0.276	0.230	0.424
Owns her house	0.716	0.738	0.985
Migration status			
Has always lived in the area	0.570	0.542	0.365
Has lived there for more than 6 years	0.209	0.258	0.050
Has lived there for less than 5 years	0.221	0.200	0.490
Is currently working	0.381	0.406	0.801
Time to go to the center (in minutes)	11.6	12.4	0.844
Distance to the center (in miles)	3.3	3.0	0.732

Notes : We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table II.

Table C3: Impact on Treatment Interruption and Adherence (Wild Cluster Bootstrap)

Panel A: Impact on treatment interruption, or default (source: patient surveys)

	Treatment complete		Treatment ongoing		Default		Died		Outcome unknown	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	-0.003	-0.007	0.022	0.020	-0.018	-0.015	-0.001	0.000	0.000	0.003
P-value	0.957	0.836	0.490	0.535	0.021	0.045	0.808	0.979	1.000	0.802
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	2802	2802	2802	2802	2802	2802	2802	2802	2802	2802
Mean in control group	0.507	0.507	0.299	0.299	0.073	0.073	0.016	0.016	0.105	0.105
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on treatment adherence (source: observation days)

	Adherence 1: Patient came to the center and took or picked up the pill		Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit		Compliance with treatment verified (as per adherence 1)		Compliance with treatment verified (as per adherence 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.139	0.122	0.073	0.056	0.039	0.038	0.024	0.023
P-value	0.000	0.000	0.035	0.044	0.002	0.000	0.145	0.154
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	12844	12844	12810	12810	3041	3041	3043	3043
Mean in control group	0.542	0.542	0.692	0.692	0.046	0.046	0.078	0.078
Number replications	5000	5000	5000	5000	5000	5000	5000	5000

Panel C: Impact on patient compliance (source: patient surveys)

	Occasionally sent someone else to get the pills		Ever picked up medicine for one week or more during one visit	
	(1)	(2)	(3)	(4)
Treatment	-0.218	-0.218	-0.079	-0.078
P-value	0.000	0.000	0.002	0.002
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	3352	3352	3295	3295
Mean in control group	0.367	0.367	0.283	0.283
Number replications	5000	5000	5000	5000

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table III.

Table C4: Impact on Detections and Patient Selection (Wild Cluster Bootstrap)

Panel A: Impact on number of verified detections (source: program data cross-checked with patient surveys)

	Verified detections per center per month	
	(1)	(2)
Treatment	-0.103	-0.159
P-value	0.522	0.527
Strata fixed effects	Yes	Yes
Baseline detection	Yes	Yes
Health worker controls		Yes
Observations	1637	1637
Mean in control group	1.762	1.762
Number replications	5000	5000

Panel B: Impact on patient selection (patients enrolled after the beginning of the experiment)

	Control group mean	Treatment group mean	P-value Treatment = Control	Number of obs.
	(1)	(2)	(3)	(4)
Male	0.586	0.576	0.463	2598
Age	34.4	33.1	0.171	2597
Caste				
Does not know	0.048	0.053	0.879	2602
General caste	0.181	0.179	0.735	2602
Other Backward Class	0.357	0.352	1.000	2602
Scheduled Caste	0.231	0.267	0.200	2602
Scheduled Tribe	0.078	0.070	0.370	2602
Minority	0.104	0.079	0.542	2602
Religion				
Hindu	0.832	0.870	0.376	2594
Muslim	0.147	0.117	0.498	2594
Other	0.021	0.013	0.257	2594
Literacy				
Cannot read or write	0.304	0.294	0.346	2602
Can read but not write	0.043	0.044	0.637	2602
Can read and write	0.653	0.662	0.510	2602
Education				
Pre-primary	0.247	0.226	0.109	2593
Primary	0.371	0.410	0.092	2593
Secondary	0.333	0.325	0.910	2593
Undergraduate and more	0.049	0.039	0.278	2593
Household size	5.5	5.4	0.234	2593
Lives alone	0.025	0.017	0.109	2602
Assets				
Has electricty	0.970	0.966	0.726	2532
Has tap water	0.562	0.544	0.900	2543
Has a television	0.819	0.822	0.700	2460
Has a refrigerator	0.264	0.258	0.804	2459
Owns her house	0.689	0.679	0.730	2538
Migration Status				
Has always lived in the area	0.507	0.457	0.267	2600
Has lived there for more than 6 years	0.227	0.269	0.118	2600
Has lived there for less than 5 years	0.266	0.274	0.849	2600
Is currently working	0.316	0.321	0.449	2388
Time to go to the center (in minutes)	11.0	11.8	0.314	1812
Distance to the center (in miles)	2.9	3.0	0.652	1998

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table IV.

Table C5: Impact on Patients' Health (Wild Cluster Bootstrap)

Panel A: Impact on patients' physical health (source: patient surveys)

	Cured		Patients' ranking of their health		Index of no difficulty in performing activities		Index of health symptoms		Index of severe health symptoms		Index of increased health symptoms	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Treatment	0.015	0.012	0.012	-0.010	-0.022	-0.038	-0.008	0.001	-0.035	-0.026	-0.013	-0.011
P-value	0.568	0.645	0.904	0.912	0.484	0.235	0.840	0.976	0.228	0.320	0.528	0.588
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes		Yes
Observations	2395	2395	2430	2430	2458	2458	2459	2459	2459	2459	2458	2458
Mean in control group	0.400	0.400	7.431	7.431	--	--	--	--	--	--	--	--
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on patients' emotional health (source: patient surveys)

	Thinks that household situation will improve in the future		Has a project to improve their life and their family's life		Index of emotional distress		Overall somewhat or very happy		Overall satisfaction with their life	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	0.000	0.002	-0.017	-0.017	0.010	0.010	-0.019	-0.020	-0.082	-0.086
P-value	0.996	0.922	0.283	0.287	0.747	0.733	0.195	0.174	0.368	0.344
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	2077	2077	2375	2375	2454	2454	2435	2435	2426	2426
Mean in control group	0.890	0.890	0.120	0.120	--	--	0.942	0.942	7.259	7.259
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table V.

Table C6: Impact on Health Worker Effort (Wild Cluster Bootstrap)

Panel A: Impact on health worker attendance

	Center open		Total time center was open		Health worker present at the center		Total time health worker was present at the center, net of breaks		Visit by OpAsha		Center open		Health worker present at the center	
											(source: random spot checks)			
	(source: observation days)													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Treatment	0.000	0.001	-10.7	9.2	0.019	0.045	20.2	22.3	0.033	0.030	0.001	0.005	0.049	0.071
P-value	0.794	0.784	0.448	0.605	0.469	0.110	0.033	0.035	0.011	0.028	0.974	0.850	0.322	0.025
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes		Yes		Yes		Yes		Yes
Observations	2,749	2,749	2,414	2,414	3,063	3,063	2,987	2,987	2,855	2,855	916	916	916	916
Mean in Control Group	0.998	0.998	338.9	338.9	0.834	0.834	117.3	117.3	0.054	0.054	0.945	0.945	0.598	0.598
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on health worker activities

	# home visits as % of all patients scheduled to come on that day		Intensity of default activities (index)		Intensity of detection activities (index)		Health worker gives advice related to TB		Frequency of interactions with health worker		Health worker supports patient during treatment		Health worker sometimes or often delivers pills at patient's home	
	(source: observation days)		*(source: health worker surveys)*				*(source: patient surveys)*							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Treatment	0.037	0.049	0.031	-0.103	-0.065	-0.071	0.014	0.014	-0.051	-0.045	-0.003	-0.004	0.073	0.087
P-value	0.123	0.150	0.662	0.354	0.281	0.352	0.473	0.456	0.483	0.515	0.937	0.911	0.114	0.030
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes								
Baseline control			Yes	Yes	Yes	Yes								
Patient controls								Yes		Yes		Yes		Yes
Observations	2341	2341	134	134	134	134	3280	3280	3193	3193	3293	3293	3295	3295
Mean in control group	0.115	0.115	--	--	--	--	0.894	0.894	1.749	1.749	0.213	0.213	0.454	0.454
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table VI.

Table C7: Impact on Quality of Reporting on Default (Wild Cluster Bootstrap)

	Actual likelihood to default		Defaults as reported in the program data		Default as reported in the government registers	
	(source: patient surveys)		*(source: program data)*		*(source: government registers)*	
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	-0.018	-0.015	0.000	0.001	0.000	0.000
P-value	0.021	0.045	0.992	0.936	0.969	0.946
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes				Yes
Baseline outcome			Yes	Yes		
Health worker controls				Yes		
Observations	2802	2802	1832	1832	2913	2913
Mean in control group	0.073	0.073	0.045	0.045	0.021	0.021
Number replications	5000	5000	5000	5000	5000	5000
Test: Treatment = Treatment(1) (or (2))						
P-value	--	--	0.159	0.168	0.109	0.142
F-statistic	--	--				

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Unlike in Table VII, we cannot compare treatment effects on actual likelihood to default and on default as reported in the program data and in the goverment registers using a seemingly unrelated regressions framework as the covariance matrix stored by the cgmwildboot Stata command cannot be used in any post-estimation inference (see the Stata help file for cgmwildboot). Other notes as in Table VII.

Table C8: Impact on Quality of Reporting on Patient Detection (Wild Cluster Bootstrap)

Panel A: Impact on number of verified and reported detections

	Verified detections (source: program data cross-checked with patient surveys)		Reported detections (source: program data)	
	(1)	(2)	(3)	(4)
Treatment	-0.103	-0.159	-0.744	-0.795
P-value	0.522	0.527	0.012	0.019
Strata fixed effects	Yes	Yes	Yes	Yes
Baseline outcome	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes
Observations	1637	1637	1832	1832
Mean in control group	1.762	1.762	3.730	3.730
Number replications	5000	5000	5000	5000
Test: Treatment = Treatment(1) (or (2))				
P-value	--	--	0.006	0.042
F-statistic	--	--		

Panel B: Impact on survey outcomes, individual level (sources: program data, patient surveys)

	Patient verified (found and surveyed)	Survey not completed: Patient refused to answer	Survey not completed: Patient not found	Survey not completed: Health worker warning	Survey not completed: Patient death	Survey not completed: Other reasons
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	0.058	-0.020	-0.011	-0.015	-0.004	-0.008
P-value	0.043	0.010	0.554	0.189	0.621	0.493
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	3647	3647	3647	3647	3647	3647
Mean in control group	0.685	0.068	0.106	0.059	0.031	0.049
Number replications	5000	5000	5000	5000	5000	5000

Panel C. Impact on the fraction of patients reported in the government registers which are verified (sources: government registers, patient surveys)

	Fraction of verified patients
	(1)
Treatment	0.075
P-value	0.020
Strata fixed effects	Yes
Observations	2998
Mean in control group	0.697
Number replications	5000

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Unlike in Table VIII, we cannot compare treatment effects on the number of verified detections and reported detections using a seemingly unrelated regressions framework as the covariance matrix stored by the cgmwildboot Stata command cannot be used in any post-estimation inference (see the Stata help file for cgmwildboot). Other notes as in Table VIII.

Table C9: Sustainability of the Intervention (Wild Cluster Bootstrap)

Panel A: Impact on health worker salary and satisfaction

	Monthly compensation for detection activities		Monthly salary		# of challenges faced in getting a patient to complete treatment course		# of challenges faced in detecting patients		Excessive workload		Standardized job satisfaction index	
	(source: salary data from OpAsha)						*(source: health worker surveys)*					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Treatment	-324.3	-224.9	-428.5	-341.1	-0.220	-0.238	0.013	-0.167	-0.105	-0.199	0.123	0.140
P-value	0.009	0.074	0.019	0.148	0.211	0.255	0.941	0.465	0.077	0.005	0.231	0.302
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes		Yes		Yes		Yes
Baseline control					Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Observations	693	693	936	936	121	121	117	117	118	118	132	132
Mean in control group	1321	1321	5791	5791	3.309	3.309	2.746	2.746	0.222	0.222	--	--
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on patients' satisfaction with healthcare received

	Satisfied with their interaction with their health worker		Would refer a TB suspect to an OpAsha health worker		# of challenges faced by patients to complete treatment course	
	(source: patient surveys)				*(source: health worker surveys)*	
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	0.005	0.003	0.034	0.033	-0.053	-0.212
P-value	0.704	0.796	0.164	0.169	0.693	0.435
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		
Health worker controls						Yes
Baseline control					Yes	Yes
Observations	2378	2378	2441	2441	119	119
Mean in control group	0.957	0.957	0.178	0.178	2.500	2.500
Number replications	5000	5000	5000	5000	5000	5000

Panel C. Technology presence over time (source: observation days)

	Center has biometric equipment		Share of all devices (fingerprint reader, laptop, USB key) present		Share of all devices (fingerprint reader, laptop, USB key) present and working	
	(1)	(2)	(3)	(4)	(5)	(6)
# weeks since beginning of the experiment	-0.002	-0.002	-0.006	-0.006	-0.006	-0.006
	0.088	0.152	0.001	0.001	0.001	0.000
Center fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes
Observations	1414	1414	1403	1403	1398	1398
Mean in first month	0.921	0.921	0.909	0.909	0.899	0.899
Number replications	5000	5000	5000	5000	5000	5000

Notes: We use the wild cluster bootstrap procedure proposed by Cameron, Colin, Gelbach, and Miller (2008) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table IX.

Appendix D. Pairs Cluster Bootstrap Standard Errors

Table D1: Health Worker Summary Statistics (Pairs Cluster Bootstrap)

	Control group mean (1)	Treatment group mean (2)	P-value Treatment = Control (3)
Panel A. Health workers' characteristics			
Male	0.794	0.710	0.455
Age	33.4	30.4	0.108
Caste			
General caste	0.265	0.516	0.069
Other Backward Class	0.382	0.323	0.823
Scheduled Caste	0.118	0.097	0.976
Scheduled Tribe	0.206	0.032	0.048
Minority	0.029	0.032	1.108
Religion			
Hindu	0.765	0.903	0.163
Muslim	0.176	0.097	0.464
Other	0.059	0.000	0.157
Highest education level achieved			
Class 12 and below	0.688	0.633	0.784
Tertiary	0.281	0.333	0.778
Other diploma/non-formal education	0.031	0.033	1.143
Work experience			
Any previous work experience	0.853	0.645	0.049
Number of years of work experience	9.2	8.7	0.891
Any previous working in a job related to TB	0.147	0.161	1.051
Any previous experience in the social/NGO sector	0.206	0.138	0.614
Any other income generating activity, in addition to OpASHA	0.088	0.129	0.874
Lives in one of the areas she covers	0.545	0.742	0.103
Household size	5.2	6.2	0.327
Lives alone	0.000	0.067	0.130
Assets			
Has electricty	1.000	0.933	0.112
Has tap water	0.594	0.400	0.127
Has a television	0.848	0.933	0.257
Has a refrigerator	0.545	0.467	0.613
Rents an apartment or house to a third party	0.118	0.207	0.272
Owns her house	0.559	0.581	1.106
Exposure to technology			
Knows how to use a computer	0.559	0.516	0.839
Knows how to use the internet	0.424	0.433	1.127
Has an email account	0.412	0.258	0.195
Has a social networking account	0.294	0.258	0.752
Days spent in the experiment	349.1	333.7	0.772
Panel B. OpASHA center-wise data sheets			
Reported baseline number of detections per month per area	2.965	2.393	0.075
Reported baseline fraction of defaults per month per area	0.029	0.039	0.513
Panel C. Observation days			
Center open	0.980	0.989	0.611
Total time center was open	307.4	311.8	1.117
Health worker present at the center	0.769	0.810	0.618
Total time health worker was present at the center, net of breaks	110.9	106.0	0.819
Visit by OpAsha	0.067	0.043	0.399
Adherence 1: Patient came to center and took or picked up pill	0.520	0.517	1.124
Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit	0.761	0.758	0.982

Notes : We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table I.

Table D2: Patient Summary Statistics (Pairs Cluster Bootstrap)

	Control group mean	Treatment group mean	P-value Treatment = Control
	(1)	(2)	(3)
Male	0.535	0.576	0.640
Age	34.0	34.3	0.940
Caste			
Does not know	0.040	0.026	0.642
General caste	0.160	0.165	0.717
Other Backward Class	0.376	0.352	0.768
Scheduled Caste	0.229	0.297	0.142
Scheduled Tribe	0.118	0.103	0.256
Minority	0.078	0.058	0.703
Religion			
Hindu	0.869	0.903	0.689
Muslim	0.112	0.081	0.774
Other	0.019	0.016	0.658
Literacy			
Cannot read or write	0.271	0.301	0.542
Can read but not write	0.021	0.026	1.034
Can read and write	0.708	0.673	0.494
Education			
Pre-primary	0.217	0.234	0.888
Primary	0.375	0.390	0.647
Secondary	0.367	0.334	0.612
Undergraduate and more	0.042	0.042	1.061
Household size	5.6	5.4	0.245
Lives alone	0.019	0.016	0.649
Assets			
Has electricty	0.968	0.935	0.151
Has tap water	0.520	0.418	0.638
Has a television	0.826	0.832	0.602
Has a refrigerator	0.276	0.230	0.551
Owns her house	0.716	0.738	1.120
Migration status			
Has always lived in the area	0.570	0.542	0.426
Has lived there for more than 6 years	0.209	0.258	0.066
Has lived there for less than 5 years	0.221	0.200	0.555
Is currently working	0.381	0.406	0.929
Time to go to the center (in minutes)	11.6	12.4	0.983
Distance to the center (in miles)	3.3	3.0	0.842

Notes : We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table II.

Table D3: Impact on Treatment Interruption and Adherence (Pairs Cluster Bootstrap)

Panel A: Impact on treatment interruption, or default (source: patient surveys)

	Treatment complete		Treatment ongoing		Default		Died		Outcome unknown	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	-0.003	-0.007	0.022	0.020	-0.018	-0.015	-0.001	0.000	0.000	0.003
P-value	0.948	0.846	0.510	0.560	0.037	0.068	0.815	0.988	0.993	0.807
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	2802	2802	2802	2802	2802	2802	2802	2802	2802	2802
Mean in control group	0.507	0.507	0.299	0.299	0.073	0.073	0.016	0.016	0.105	0.105
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on treatment adherence (source: observation days)

	Adherence 1: Patient came to the center and took or picked up the pill		Adherence 2: Adh. 1 + Relative came to the center and picked up the pill, or patient or relative was given pill during a home visit		Compliance with treatment verified (as per adherence 1)		Compliance with treatment verified (as per adherence 2)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Treatment	0.139	0.122	0.073	0.056	0.039	0.038	0.024	0.023
P-value	0.000	0.000	0.052	0.062	0.002	0.002	0.145	0.159
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes
Observations	12844	12844	12810	12810	3041	3041	3043	3043
Mean in control group	0.542	0.542	0.692	0.692	0.046	0.046	0.078	0.078
Number replications	5000	5000	5000	5000	5000	5000	5000	5000

Panel C: Impact on patient compliance (source: patient surveys)

	Occasionally sent someone else to get the pills		Ever picked up medicine for one week or more during one visit	
	(1)	(2)	(3)	(4)
Treatment	-0.218	-0.218	-0.079	-0.078
P-value	0.000	0.000	0.005	0.005
Strata fixed effects	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes
Observations	3352	3352	3295	3295
Mean in control group	0.367	0.367	0.283	0.283
Number replications	5000	5000	5000	5000

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table III.

Table D4: Impact on Detections and Patient Selection (Pairs Cluster Bootstrap)

Panel A: Impact on number of verified detections (source: program data cross-checked with patient surveys)

	Verified detections per center per month	
	(1)	(2)
Treatment	-0.103	-0.159
P-value	0.514	0.551
Strata fixed effects	Yes	Yes
Baseline detection	Yes	Yes
Health worker controls		Yes
Observations	1637	1637
Mean in control group	1.762	1.762
Number replications	5000	5000

Panel B: Impact on patient selection (patients enrolled after the beginning of the experiment)

	Control group mean	Treatment group mean	P-value Treatment = Control	Number of obs.
	(1)	(2)	(3)	(4)
Male	0.586	0.576	0.475	2598
Age	34.4	33.1	0.168	2597
Caste				
Does not know	0.048	0.053	0.874	2602
General caste	0.181	0.179	0.747	2602
Other Backward Class	0.357	0.352	0.997	2602
Scheduled Caste	0.231	0.267	0.207	2602
Scheduled Tribe	0.078	0.070	0.367	2602
Minority	0.104	0.079	0.505	2602
Religion				
Hindu	0.832	0.870	0.405	2594
Muslim	0.147	0.117	0.523	2594
Other	0.021	0.013	0.269	2594
Literacy				
Cannot read or write	0.304	0.294	0.381	2602
Can read but not write	0.043	0.044	0.652	2602
Can read and write	0.653	0.662	0.527	2602
Education				
Pre-primary	0.247	0.226	0.138	2593
Primary	0.371	0.410	0.094	2593
Secondary	0.333	0.325	0.923	2593
Undergraduate and more	0.049	0.039	0.313	2593
Household size	5.5	5.4	0.224	2593
Lives alone	0.025	0.017	0.106	2602
Assets				
Has electricty	0.970	0.966	0.739	2532
Has tap water	0.562	0.544	0.909	2543
Has a television	0.819	0.822	0.696	2460
Has a refrigerator	0.264	0.258	0.794	2459
Owns her house	0.689	0.679	0.741	2538
Migration Status				
Has always lived in the area	0.507	0.457	0.305	2600
Has lived there for more than 6 years	0.227	0.269	0.145	2600
Has lived there for less than 5 years	0.266	0.274	0.869	2600
Is currently working	0.316	0.321	0.467	2388
Time to go to the center (in minutes)	11.0	11.8	0.330	1812
Distance to the center (in miles)	2.9	3.0	0.651	1998

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table IV.

Table D5: Impact on Patients' Health (Pairs Cluster Bootstrap)

Panel A: Impact on patients' physical health (source: patient surveys)

	Cured		Patients' ranking of their health		Index of no difficulty in performing activities		Index of health symptoms		Index of severe health symptoms		Index of increased health symptoms	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Treatment	0.015	0.012	0.012	-0.010	-0.022	-0.038	-0.008	0.001	-0.035	-0.026	-0.013	-0.011
P-value	0.605	0.663	0.912	0.922	0.491	0.247	0.832	0.984	0.233	0.344	0.523	0.601
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes		Yes
Observations	2395	2395	2430	2430	2458	2458	2459	2459	2459	2459	2458	2458
Mean in control group	0.400	0.400	7.431	7.431	--	--	--	--	--	--	--	--
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on patients' emotional health (source: patient surveys)

	Thinks that household situation will improve in the future		Has a project to improve their life and their family's life		Index of emotional distress		Overall somewhat or very happy		Overall satisfaction with their life	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Treatment	0.000	0.002	-0.017	-0.017	0.010	0.010	-0.019	-0.020	-0.082	-0.086
P-value	0.985	0.903	0.294	0.301	0.755	0.742	0.195	0.183	0.365	0.346
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		Yes		Yes		Yes
Observations	2077	2077	2375	2375	2454	2454	2435	2435	2426	2426
Mean in control group	0.890	0.890	0.120	0.120	--	--	0.942	0.942	7.259	7.259
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table V.

Table D6: Impact on Health Worker Effort (Pairs Cluster Bootstrap)

Panel A: Impact on health worker attendance

	Center open		Total time center was open		Health worker present at the center		Total time health worker was present at the center, net of breaks		Visit by OpAsha		Center open		Health worker present at the center	
	(source: observation days)										*(source: random spot checks)*			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Treatment	0.000	0.001	-10.7	9.2	0.019	0.045	20.2	22.3	0.033	0.030	0.001	0.005	0.049	0.071
P-value	0.929	0.806	0.515	0.631	0.533	0.145	0.044	0.054	0.020	0.047	1.128	0.851	0.403	0.068
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes		Yes		Yes		Yes		Yes
Observations	2,749	2,749	2,414	2,414	3,063	3,063	2,987	2,987	2,855	2,855	916	916	916	916
Mean in Control Group	0.998	0.998	338.9	338.9	0.834	0.834	117.3	117.3	0.054	0.054	0.945	0.945	0.598	0.598
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on health worker activities

	# home visits as % of all patients scheduled to come on that day		Intensity of default activities (index)		Intensity of detection activities (index)		Health worker gives advice related to TB		Frequency of interactions with health worker		Health worker supports patient during treatment		Health worker sometimes or often delivers pills at patient's home	
	(source: observation days)		*(source: health worker surveys)*				*(source: patient surveys)*							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Treatment	0.037	0.049	0.031	-0.103	-0.065	-0.071	0.014	0.014	-0.051	-0.045	-0.003	-0.004	0.073	0.087
P-value	0.178	0.189	0.678	0.420	0.292	0.395	0.470	0.454	0.514	0.538	0.948	0.926	0.121	0.036
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes								
Baseline control			Yes	Yes	Yes	Yes								
Patient controls								Yes		Yes		Yes		Yes
Observations	2341	2341	134	134	134	134	3280	3280	3193	3193	3293	3293	3295	3295
Mean in control group	0.115	0.115	--	--	--	--	0.894	0.894	1.749	1.749	0.213	0.213	0.454	0.454
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table VI.

Table D7: Impact on Quality of Reporting on Default (Pairs Cluster Bootstrap)

	Actual likelihood to default		Defaults as reported in the program data		Default as reported in the government registers	
	(source: patient surveys)		*(source: program data)*		*(source: government registers)*	
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	-0.018	-0.015	0.000	0.001	0.000	0.000
P-value	0.037	0.068	1.001	0.911	0.954	0.973
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes				Yes
Baseline outcome			Yes	Yes		
Health worker controls				Yes		
Observations	2802	2802	1832	1832	2913	2913
Mean in control group	0.073	0.073	0.045	0.045	0.021	0.021
Number replications	5000	5000	5000	5000	5000	5000
Test: Treatment = Treatment(1) (or (2))						
P-value	--	--	0.191	0.229	0.115	0.141
F-statistic	--	--				

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Unlike in Table VII, we cannot compare treatment effects on actual likelihood to default and on default as reported in the program data and in the goverment registers using a seemingly unrelated regressions framework as the covariance matrix stored by the clusterbs Stata command cannot be used in any post-estimation inference (see the Stata help file for clusterbs). Other notes as in Table VII.

Table D8: Impact on Quality of Reporting on Patient Detection (Pairs Cluster Bootstrap)

Panel A: Impact on number of verified and reported detections

	Verified detections (source: program data cross-checked with patient surveys)		Reported detections (source: program data)	
	(1)	(2)	(3)	(4)
Treatment	-0.103	-0.159	-0.744	-0.795
P-value	0.514	0.551	0.008	0.032
Strata fixed effects	Yes	Yes	Yes	Yes
Baseline outcome	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes
Observations	1637	1637	1832	1832
Mean in control group	1.762	1.762	3.730	3.730
Number replications	5000	5000	5000	5000
Test: Treatment = Treatment(1) (or (2))				
P-value	--	--	0.012	0.057
F-statistic	--	--		

Panel B: Impact on survey outcomes, individual level (sources: program data, patient surveys)

	Patient verified (found and surveyed)	Survey not completed: Patient refused to answer	Survey not completed: Patient not found	Survey not completed: Health worker warning	Survey not completed: Patient death	Survey not completed: Other reasons
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	0.058	-0.020	-0.011	-0.015	-0.004	-0.008
P-value	0.049	0.014	0.541	0.203	0.634	0.493
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	3647	3647	3647	3647	3647	3647
Mean in control group	0.685	0.068	0.106	0.059	0.031	0.049
Number replications	5000	5000	5000	5000	5000	5000

Panel C. Impact on the fraction of patients reported in the government registers which are verified (sources: government registers, patient surveys)

	Fraction of verified patients
	(1)
Treatment	0.075
P-value	0.030
Strata fixed effects	Yes
Observations	2998
Mean in control group	0.697
Number replications	5000

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Unlike in Table VIII, we cannot compare treatment effects on the number of verified detections and reported detections using a seemingly unrelated regressions framework as the covariance matrix stored by the clusterbs Stata command cannot be used in any post-estimation inference (see the Stata help file for clusterbs). Other notes as in Table VIII.

Table D9: Sustainability of the Intervention (Pairs Cluster Bootstrap)

Panel A: Impact on health worker salary and satisfaction

	Monthly compensation for detection activities		Monthly salary		# of challenges faced in getting a patient to complete treatment course		# of challenges faced in detecting patients		Excessive workload		Standardized job satisfaction index	
	(source: salary data from OpAsha)						*(source: health worker surveys)*					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Treatment	-324.3	-224.9	-428.5	-341.1	-0.220	-0.238	0.013	-0.167	-0.105	-0.199	0.123	0.140
P-value	0.016	0.138	0.024	0.199	0.225	0.302	0.943	0.521	0.106	0.033	0.221	0.328
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes		Yes		Yes		Yes
Baseline control					Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Observations	693	693	936	936	121	121	117	117	118	118	132	132
Mean in control group	1321	1321	5791	5791	3.309	3.309	2.746	2.746	0.222	0.222	--	--
Number replications	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Panel B: Impact on patients' satisfaction with healthcare received

	Satisfied with their interaction with their health worker		Would refer a TB suspect to an OpAsha health worker		# of challenges faced by patients to complete treatment course	
	(source: patient surveys)				*(source: health worker surveys)*	
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment	0.005	0.003	0.034	0.033	-0.053	-0.212
P-value	0.735	0.818	0.177	0.182	0.728	0.496
Strata fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Patient controls		Yes		Yes		
Health worker controls						Yes
Baseline control					Yes	Yes
Observations	2378	2378	2441	2441	119	119
Mean in control group	0.957	0.957	0.178	0.178	2.500	2.500
Number replications	5000	5000	5000	5000	5000	5000

Panel C. Technology presence over time (source: observation days)

	Center has biometric equipment		Share of all devices (fingerprint reader, laptop, USB key) present		Share of all devices (fingerprint reader, laptop, USB key) present and working	
	(1)	(2)	(3)	(4)	(5)	(6)
# weeks since beginning of the experiment	-0.002	-0.002	-0.006	-0.006	-0.006	-0.006
	0.103	0.153	0.000	0.001	0.000	0.001
Center fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Health worker controls		Yes		Yes		Yes
Observations	1414	1414	1403	1403	1398	1398
Mean in first month	0.921	0.921	0.909	0.909	0.899	0.899
Number replications	5000	5000	5000	5000	5000	5000

Notes: We use the pairs cluster bootstrap procedure proposed by Esarey and Menger (2019) to allow for correlation of the error terms at the level of the cluster and report the corresponding p-value. We use 5,000 bootstrap iterations. Other notes as in Table IX.