

Do Television and Radio Destroy Social Capital? Evidence from Indonesian Villages
Online Appendix
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This online appendix presents the additional results discussed in the text of “Do Television and Radio Destroy Social Capital? Evidence from Indonesian Villages”.

Additional Table 1: Robustness of Results

	(1)	(2)	(3)	(4)
	Village-level data (Java survey)		Individual-level data (Java survey)	
	Log number of groups in village	Log attendance per adult at group meetings in past three months	Number types of groups participated in during last 3 months	Number times participated in last 3 months
<i>Panel A: Baseline specification in Table 6</i>				
Number of TV channels	-0.068** (0.026)	-0.111** (0.045)	-0.186* (0.096)	-0.970 (0.756)
<i>Panel B: Without dropping outliers</i>				
Number of TV channels	-0.060*** (0.023)	-0.095** (0.037)	-0.189** (0.076)	-1.164* (0.613)
<i>Panel C: Without including village controls</i>				
Number of TV channels	-0.068** (0.032)	-0.099** (0.048)	-0.143 (0.093)	-1.052 (1.021)
<i>Panel D: Controlling for flexible spline of elevation</i>				
Number of TV channels	-0.074*** (0.026)	-0.113** (0.046)	-0.184* (0.093)	-1.049 (0.770)
<i>Panel E: Poisson regression</i>				
Number of TV channels	-0.066*** (0.025)	-0.072* (0.037)	-0.049** (0.023)	-0.038 (0.031)

Notes: This table presents alternative specifications of Table 6. Panel A repeats the results in Table 6 for comparison. Panel B reports results using the full sample (i.e., not dropping the top and bottom subdistrict in terms of television reception.) Panel C reports the results without including the village controls shown in Table 3. Panel D includes a linear spline in elevation as a control, with breakpoints at 300 meters, 600 meters, 900 meters, 1200 meters, and 1500 meters. Panel E reports results from using robust QMLE Poisson regressions on the unlogged versions of the dependent variables.

Additional Table 2: IV Version of Table 6

	(1)	(2)	(3)	(4)
	Village-level data (Java survey)		Individual-level data (Java survey)	
	Log number of groups in village	Log attendance per adult at group meetings in past three months	Number types of groups participated in during last 3 months	Number times participated in last 3 months
Minutes per day watching television and radio	-0.0044** (0.0022)	-0.0070** (0.0034)	-0.0127* (0.0075)	-0.0681 (0.0568)
Observations	584	556	4213	4213
Mean dep. var.	4.94	1.97	4.28	22.78

Notes: This table replicates the regressions in Table 6 of the paper, except that instead of including number of TV channels as the key right hand side variable, it includes total minutes per day watching television and radio as the key right hand side variable, and instruments for minutes per day watching television and radio with number of TV channels. Since columns (1) and (2) are village-level regressions, minutes per day is averaged among all respondents to the household survey in each village.

Additional Table 3: Number of visits with friends/neighbors

	(1)	(2)	(3)	(4)	(5)	(6)
	All households		Households who own TVs		Households who do not own TVs	
	Levels	Logs	Levels	Logs	Levels	Logs
Number of TV channels	-0.724 (0.454)	-0.037* (0.021)	-0.598 (0.490)	-0.028 (0.022)	-0.893* (0.484)	-0.054** (0.026)
Observations	4253	4231	2977	2963	1274	1266
R-squared	0.22	0.29	0.21	0.28	0.30	0.36
Mean dep. Var	17.41	2.60	17.71	2.63	16.72	2.54

Notes: the dependent variable is the level (log) of the total number of times in the last week the household either visited the house of a friend/neighbor elsewhere in the village or was visited by a friend/neighbor elsewhere in the village. Column (1) and (2) report the results for all households, columns (3) and (4) report results for those households who own televisions, and columns (5) and (6) report the results for households who do not own televisions. Data is from the Java survey.

Additional Table 4: Interactions of household level results with respondent characteristics

	(1)	(2)
	Number types of groups participated in during last 3 months	Number times participated in last 3 months
Number of TV channels	0.865 (0.879)	11.672* (6.811)
Female	-0.374 (0.393)	-5.094* (2.677)
Predicted per-capita expenditure	1.075** (0.433)	7.893** (3.358)
Years of education	0.070* (0.039)	0.389 (0.258)
Age	0.003 (0.009)	-0.034 (0.074)
Female × number of TV channels	-0.012 (0.070)	-0.060 (0.508)
Predicted per-capita expenditure × number of TV channels	-0.102 (0.077)	-1.141* (0.613)
Years of education × number of TV channels	0.008 (0.008)	0.004 (0.045)
Age × number of TV channels	0.001 (0.002)	0.006 (0.015)
Observations	4268	4268
R-squared	0.40	0.29
Mean dep. Var	4.27	22.77

Notes: Data is from the Java survey. Robust standard errors in parentheses .

* significant at 10%; ** significant at 5%; *** significant at 1%

Additional Table 5: Correlates of Television Reception in PODES dataset

	(1)	(2)
	Full Sample	Java Survey Subdistricts Only
Elevation (thousands of meters)	0.000** (0.000)	0.001 (0.001)
Travel distance to nearest major town (km)	-0.002*** (0.000)	-0.000 (0.002)
Travel time to nearest major town (hours)	-0.145** (0.063)	-0.701 (0.477)
Travel distance to nearest major city (km)	-0.006*** (0.001)	-0.010 (0.014)
Coastal subdistrict dummy	-0.002 (0.104)	-0.393 (0.494)
North-facing subdistrict dummy	0.398*** (0.146)	0.781 (0.508)
East-facing subdistrict dummy	0.416*** (0.143)	1.287** (0.547)
South-facing subdistrict dummy	0.221* (0.134)	0.150 (0.479)
Number of mosques in village	-0.143*** (0.035)	-0.058 (0.222)
Number of mushollas in village	-0.002 (0.010)	-0.027 (0.048)
Number of other religious buildings in village	-0.024 (0.084)	-0.266 (0.682)
Any sports group in village	-0.057 (0.054)	-0.048 (0.289)
Any arts group in village	-0.033 (0.083)	-0.295 (0.327)
Any social welfare group in village	0.093 (0.125)	-0.190 (0.603)
Any youth group in village	0.226* (0.128)	-0.475 (0.905)
Log adult population	0.392** (0.167)	1.297 (0.985)
Population share in agriculture	-0.044 (0.329)	-1.342 (1.692)
Number of schools in village	0.040 (0.032)	0.081 (0.223)
Mean adult education	-0.081 (0.052)	-0.323 (0.321)
Ethnic fragmentation	-0.688 (0.564)	1.072 (5.824)
Religious fragmentation	-1.315* (0.676)	-4.835 (8.983)
Log number of hamlets	0.220* (0.132)	-0.873 (0.771)
Share poor	0.459 (0.296)	2.438* (1.380)
District fixed effects	YES	YES
Observations	2205	152
R-squared	0.86	0.70
P-val socap,	0.00	0.85
P-value no geog	0.00	0.34
P-value all	0.00	0.02
Mean dep. var	6.58	7.90

Notes: Column (1) of this table replicates column (3) of Table 3 in the main paper. Column (2) of this table repeats the same specification, also using the PODES data, but restricting the data to the subdistricts in the Java survey.

Additional Table 6: Details of national panel results

	(1)	(2)	(3)	(4)	(5)
	Individual-level data (SUSENAS)				
	Any organization	Youth organizations	Burial organizations	Women's organizations	Religious organizations
Number of TV channels	-0.024** (0.010)	-0.006* (0.003)	-0.021** (0.008)	-0.004 (0.005)	-0.017* (0.010)
Observations	55234	55234	55234	55234	55234
Mean dep. Var	0.54	0.07	0.26	0.11	0.32
Number of TV channels	-0.080*** (0.022)	-0.017* (0.009)	-0.067*** (0.023)	-0.012 (0.010)	-0.026 (0.023)
Average free-space signal strength	-0.003 (0.006)	0.001 (0.003)	-0.001 (0.007)	-0.001 (0.004)	-0.008 (0.007)
× wave dummy					
Observations	49796	49796	49796	49796	49796
Mean dep. Var	0.55	0.07	0.26	0.11	0.33

Notes: Column (1) repeats column (2) in Table 9. Columns (2) – (5) repeat the same specification, but instead use as variables whether the household participated in the type of group shown the column heading.