Econ Thesis Data Analysis

Yeshwant Chillakuru

Load Data

3. Data

Dimensions of dataset

- 2005 -> 1457, 110
- 2012 -> 1345, 110
- Number of Villages Same in 2005 and 2012 -> 1314 villages

Road Summary Statistics

Percent of villages with a paved road:

- 2005 -> 66.7124228%
- 2012 -> 86.8950112%

Average distance to road for villages without roads:

- 2005 -> 4.9278351 km
- 2012 -> 3.8612717 km

Health Summary Statistics

Percent Sick with Any Disease:

- 2005 -> 2.1097712%
- 2012 -> 4.1898029%

Percent Sick with Communicable Disease:

- 2005 -> 0.3431444%
- 2012 -> 0.4009949%

Percent Sick with Non-communicable Disease:

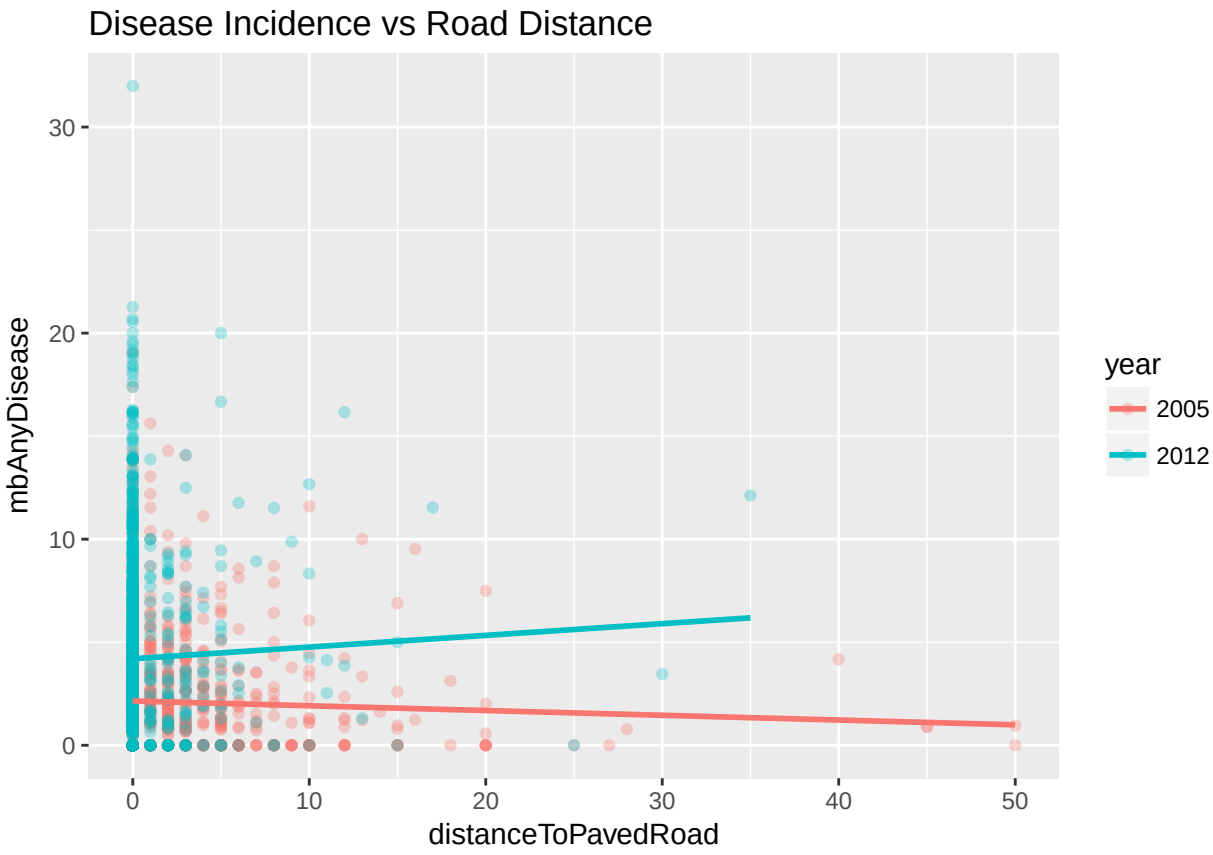
- 2005 -> 0.1456527%
- 2012 -> 0.3391008%

Percent Sick with Non-communicable Disease:

- 2005 -> 0.1456527%
- 2012 -> 0.3391008%

Year	mbCataract	mbTuberculosis	mbHighBP	mbHeartDisease	mbDiabetes	mbLeprosy
2005	0.8467197	0.4112113	1.184865	0.4241123	0.6146701	0.0571402
2012	2.2092592	0.6871912	5.047758	1.3320199	2.4117840	0.1184044

Year	mbCancer	mbAsthma	mbPolio	mbParalysis	mbEpilepsy	mbMentalIllness	mbSTDorAIDS
2005	0.0733922	0.6541914	0.1304227	0.1719230	0.1321101	0.1623118	0.0709172
2012	0.1256055	2.0416469	0.2047592	0.7779522	0.4689146	0.6675044	0.0705308



Regressions

$$diseaseIncidence_{it} = \beta RoadPaved_{it} + \delta_1 Ind_{it} + \delta_2 Household_{it} + \delta_3 Village_{it} + \varepsilon_{it}$$

$$diseaseIncidence_{it} = \beta DistanceToPavedRoad_{it} + \delta_1 Ind_{it} + \delta_2 Household_{it} + \delta_3 Village_{it} + \varepsilon_{it}$$

Any Disease

Paved vs Unpaved

This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital

Table 3:

	Dependent variable:		
	mbAnyDisease		
	(1)	(2)	(3)
roadPaved	1.721***	1.651***	0.682**
	(0.263)	(0.274)	(0.265)
ImmunizationCampaignsNumber		0.088***	
		(0.029)	
healthSubCenter		−0.002	
		(0.194)	
primaryHealthCenter		−0.966**	
		(0.404)	
communityHealthCenter		0.472	
		(0.663)	
smokeTobacco			1.093***
			(0.141)
illiterate			3.908***
			(1.336)
ownToilet			1.736***
			(0.593)
caste.Brahmin			0.004
			(0.027)
caste.OBC			−0.002
			(0.008)
caste.SC			0.003
			(0.015)
caste.ST			0.025
			(0.021)
Observations	2,800	2,639	2,748
R^2	0.032	0.047	0.151
Adjusted R^2	−1.068	−1.183	−0.847
F Statistic	42.789*** (df = 1; 1311)	11.268*** (df = 5; 1152)	28.151*** (df = 8; 1262)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 4:

	Dependent variable:	
	mbAnyDisease	
	(1)	(2)
roadPaved	0.105	0.215
	(0.168)	(0.181)
ImmunizationCampaignsNumber		0.0002
		(0.018)
smokeTobacco		-0.193^{*}
		(0.101)
illiterate		0.927
		(0.906)
ownToilet		0.178
		(0.416)
healthSubCenter		0.146
		(0.126)
primaryHealthCenter		-0.473^{*}
		(0.250)
communityHealthCenter		-0.426
		(0.417)
mbTreatmentWhere1.SameVillage	0.467^{***}	0.499^{***}
	(0.021)	(0.024)
mbTreatmentWhere1.AnotherVillage	0.560^{***}	0.568^{***}
	(0.026)	(0.028)
mbTreatmentWhere1.OtherTown	0.529^{***}	0.536^{***}
	(0.022)	(0.024)
mbTreatmentWhere1.DistrictTown	0.494^{***}	0.495^{***}
	(0.028)	(0.031)
Observations	2,800	2,593
R^2	0.627	0.644
Adjusted R^2	0.201	0.169
F Statistic	439.256^{***} (df = 5; 1307)	167.203^{***} (df = 12; 1111)
Note:		*p<0.1; **p<0.05; ***p<0.01

Distance to Paved for villages without Road

These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) This series is constant and has been removed: districtHospital These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”)

Communicable Disease

Paved vs Unpaved

This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital

Distance to Paved for villages without Road

These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) This series is constant and has been removed: districtHospital These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”)

Non-Communicable Disease

Paved vs Unpaved

This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital

Distance to Paved for villages without Road

These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA =

Table 5:

	Dependent variable:		
	mbAnyDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.649	−0.743	−0.345*
	(0.499)	(0.554)	(0.180)
ImmunizationCampaignsNumber		0.154	
		(0.132)	
healthSubCenter		−0.617	
		(0.976)	
primaryHealthCenter		−2.499	
		(2.447)	
communityHealthCenter		−0.824	
		(5.540)	
smokeTobacco			1.153***
			(0.142)
illiterate			3.867***
			(1.365)
ownToilet			1.709***
			(0.602)
caste.Brahmin			0.001
			(0.027)
caste.OBC			−0.003
			(0.008)
caste.SC			0.002
			(0.015)
caste.ST			0.029
			(0.021)
Observations	658	615	2,707
R^2	0.013	0.045	0.151
Adjusted R^2	−4.186	−4.586	−0.879
F Statistic	1.692 (df = 1; 125)	0.982 (df = 5; 105)	27.123*** (df = 8; 1223)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 6:

	Dependent variable:	
	mbAnyDisease	
	(1)	(2)
lnDistanceToPavedRoad	0.282	0.514
	(0.297)	(0.340)
ImmunizationCampaignsNumber		−0.020
		(0.073)
smokeTobacco		0.503
		(0.315)
illiterate		2.664
		(2.705)
ownToilet		−0.397
		(1.269)
healthSubCenter		0.551
		(0.553)
primaryHealthCenter		−1.497
		(1.395)
communityHealthCenter		4.178
		(3.047)
mbTreatmentWhere1.SameVillage	0.570***	0.554***
	(0.077)	(0.088)
mbTreatmentWhere1.AnotherVillage	0.579***	0.568***
	(0.071)	(0.081)
mbTreatmentWhere1.OtherTown	0.613***	0.629***
	(0.080)	(0.088)
mbTreatmentWhere1.DistrictTown	0.562***	0.478***
	(0.090)	(0.098)
Observations	658	601
R^2	0.688	0.748
Adjusted R^2	−0.692	−0.608
F Statistic	53.438*** (df = 5; 121)	23.257*** (df = 12; 94)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 7:

	Dependent variable:		
	mbComDisease		
	(1)	(2)	(3)
roadPaved	0.076	0.063	0.078
	(0.052)	(0.056)	(0.057)
ImmunizationCampaignsNumber		−0.009	
		(0.006)	
healthSubCenter		0.008	
		(0.040)	
primaryHealthCenter		−0.099	
		(0.083)	
communityHealthCenter		0.004	
		(0.136)	
smokeTobacco			−0.011
			(0.030)
illiterate			−0.409
			(0.287)
ownToilet			0.306**
			(0.127)
caste.Brahmin			−0.009
			(0.006)
caste.OBC			0.001
			(0.002)
caste.SC			0.003
			(0.003)
caste.ST			0.003
			(0.004)
Observations	2,800	2,639	2,748
R^2	0.002	0.004	0.011
Adjusted R^2	−1.132	−1.280	−1.153
F Statistic	2.118 (df = 1; 1311)	1.005 (df = 5; 1152)	1.760* (df = 8; 1262)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 8:

	Dependent variable:	
	mbComDisease	
	(1)	(2)
roadPaved	0.007	0.043
	(0.053)	(0.060)
ImmunizationCampaignsNumber		-0.012^{*}
		(0.006)
smokeTobacco		-0.064^{*}
		(0.034)
illiterate		-0.595^{**}
		(0.301)
ownToilet		0.159
		(0.138)
healthSubCenter		0.015
		(0.042)
primaryHealthCenter		-0.086
		(0.083)
communityHealthCenter		0.006
		(0.139)
mbTreatmentWhere1.SameVillage	0.014^{**}	0.018^{**}
	(0.007)	(0.008)
mbTreatmentWhere1.AnotherVillage	0.023^{***}	0.031^{***}
	(0.008)	(0.009)
mbTreatmentWhere1.OtherTown	0.023^{***}	0.025^{***}
	(0.007)	(0.008)
mbTreatmentWhere1.DistrictTown	0.035^{***}	0.046^{***}
	(0.009)	(0.010)
Observations	2,800	2,593
R^2	0.034	0.046
Adjusted R^2	-1.069	-1.225
F Statistic	9.113^{***} (df = 5; 1307)	4.476^{***} (df = 12; 1111)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 9:

	Dependent variable:		
	mbComDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.044	−0.049	−0.031
	(0.084)	(0.093)	(0.039)
ImmunizationCampaignsNumber		0.023	
		(0.022)	
healthSubCenter		−0.125	
		(0.163)	
primaryHealthCenter		0.724*	
		(0.409)	
communityHealthCenter		−0.114	
		(0.926)	
smokeTobacco			−0.004
			(0.031)
illiterate			−0.426
			(0.294)
ownToilet			0.325**
			(0.130)
caste.Brahmin			−0.008
			(0.006)
caste.OBC			0.002
			(0.002)
caste.SC			0.002
			(0.003)
caste.ST			0.003
			(0.005)
Observations	658	615	2,707
R^2	0.002	0.046	0.010
Adjusted R^2	−4.245	−4.580	−1.190
F Statistic	0.273 (df = 1; 125)	1.006 (df = 5; 105)	1.609 (df = 8; 1223)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 10:

	Dependent variable:	
	mbComDisease	
	(1)	(2)
lnDistanceToPavedRoad	−0.030	−0.057
	(0.087)	(0.100)
ImmunizationCampaignsNumber		0.015
		(0.022)
smokeTobacco		0.065
		(0.093)
illiterate		0.104
		(0.798)
ownToilet		−0.422
		(0.375)
healthSubCenter		−0.075
		(0.163)
primaryHealthCenter		0.620
		(0.412)
communityHealthCenter		−0.017
		(0.899)
mbTreatmentWhere1.SameVillage	−0.013	−0.020
	(0.023)	(0.026)
mbTreatmentWhere1.AnotherVillage	0.010	0.013
	(0.021)	(0.024)
mbTreatmentWhere1.OtherTown	0.045*	0.036
	(0.023)	(0.026)
mbTreatmentWhere1.DistrictTown	−0.0001	−0.009
	(0.026)	(0.029)
Observations	658	601
R^2	0.035	0.090
Adjusted R^2	−4.241	−4.810
F Statistic	0.872 (df = 5; 121)	0.772 (df = 12; 94)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 11:

	Dependent variable:		
	mbNonComDisease		
	(1)	(2)	(3)
roadPaved	0.137***	0.152***	0.031
	(0.052)	(0.056)	(0.056)
ImmunizationCampaignsNumber		−0.003	
		(0.006)	
healthSubCenter		0.035	
		(0.039)	
primaryHealthCenter		0.090	
		(0.082)	
communityHealthCenter		0.084	
		(0.135)	
smokeTobacco			0.106***
			(0.030)
illiterate			0.606**
			(0.283)
ownToilet			−0.003
			(0.125)
caste.Brahmin			−0.009*
			(0.006)
caste.OBC			−0.002
			(0.002)
caste.SC			−0.001
			(0.003)
caste.ST			0.004
			(0.004)
Observations	2,800	2,639	2,748
R^2	0.005	0.009	0.035
Adjusted R^2	−1.124	−1.269	−1.101
F Statistic	6.828*** (df = 1; 1311)	2.086* (df = 5; 1152)	5.691*** (df = 8; 1262)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 12:

	Dependent variable:	
	mbNonComDisease	
	(1)	(2)
roadPaved	0.055	0.024
	(0.053)	(0.059)
ImmunizationCampaignsNumber		−0.009
		(0.006)
smokeTobacco		0.048
		(0.033)
illiterate		0.737**
		(0.296)
ownToilet		−0.094
		(0.136)
healthSubCenter		0.043
		(0.041)
primaryHealthCenter		0.116
		(0.082)
communityHealthCenter		0.074
		(0.136)
mbTreatmentWhere1.SameVillage	0.024***	0.014*
	(0.007)	(0.008)
mbTreatmentWhere1.AnotherVillage	0.028***	0.026***
	(0.008)	(0.009)
mbTreatmentWhere1.OtherTown	0.026***	0.019**
	(0.007)	(0.008)
mbTreatmentWhere1.DistrictTown	0.025***	0.032***
	(0.009)	(0.010)
Observations	2,800	2,593
R^2	0.045	0.059
Adjusted R^2	−1.046	−1.196
F Statistic	12.255*** (df = 5; 1307)	5.759*** (df = 12; 1111)
Note:		*p<0.1; **p<0.05; ***p<0.01

“ifany”) This series is constant and has been removed: districtHospital These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”)

STDs or AIDS

Paved vs Unpaved

This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital This series is constant and has been removed: districtHospital

Distance to Paved for villages without Road

These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) This series is constant and has been removed: districtHospital These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”) These series are constants and have been removed: roadPaved, yearsWithPavedRoad, districtHospital at least one couple (id-time) has NA in at least one index dimension in resulting pdata.frame to find out which, use e.g. table(index(your_pdataframe), useNA = “ifany”)

Notes

- Regression
  - Controls:
    - Need to control for how often individuals go to hospital (more people sick in 2005 then in 2012 –> increased diagnosis?)

Mention in paper

- Income had no impact with village and time fixed effects

To Do:

- Natural Experiment of Rural Road Expansion Program –> Evan and Owens –> COPS program
  - **Can differences in differences method be used?**
  - Use roadPaved as Treatment
- Granger Test for determining simultaneous causality?

Table 13:

	Dependent variable:		
	mbNonComDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.054	−0.059	−0.013
	(0.073)	(0.073)	(0.038)
ImmunizationCampaignsNumber		−0.011	
		(0.017)	
healthSubCenter		−0.039	
		(0.129)	
primaryHealthCenter		0.652**	
		(0.323)	
communityHealthCenter		−0.101	
		(0.732)	
smokeTobacco			0.109***
			(0.030)
illiterate			0.595**
			(0.287)
ownToilet			0.013
			(0.127)
caste.Brahmin			−0.010*
			(0.006)
caste.OBC			−0.002
			(0.002)
caste.SC			−0.001
			(0.003)
caste.ST			0.004
			(0.004)
Observations	658	615	2,707
R^2	0.004	0.051	0.036
Adjusted R^2	−4.233	−4.550	−1.133
F Statistic	0.540 (df = 1; 125)	1.125 (df = 5; 105)	5.713*** (df = 8; 1223)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 14:

	Dependent variable:	
	mbNonComDisease	
	(1)	(2)
lnDistanceToPavedRoad	−0.017	0.002
	(0.075)	(0.085)
ImmunizationCampaignsNumber		−0.015
		(0.018)
smokeTobacco		−0.009
		(0.078)
illiterate		0.505
		(0.673)
ownToilet		0.228
		(0.316)
healthSubCenter		0.014
		(0.138)
primaryHealthCenter		0.682*
		(0.347)
communityHealthCenter		−0.024
		(0.758)
mbTreatmentWhere1.SameVillage	0.026	0.014
	(0.019)	(0.022)
mbTreatmentWhere1.AnotherVillage	0.006	0.005
	(0.018)	(0.020)
mbTreatmentWhere1.OtherTown	0.041**	0.034
	(0.020)	(0.022)
mbTreatmentWhere1.DistrictTown	0.010	0.019
	(0.023)	(0.024)
Observations	658	601
R^2	0.065	0.112
Adjusted R^2	−4.078	−4.666
F Statistic	1.674 (df = 5; 121)	0.991 (df = 12; 94)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 15:

	Dependent variable:		
	mbSTDorAIDS		
	(1)	(2)	(3)
roadPaved	−0.012	−0.022	−0.015
	(0.037)	(0.040)	(0.040)
ImmunizationCampaignsNumber		0.007*	
		(0.004)	
healthSubCenter		−0.014	
		(0.028)	
primaryHealthCenter		−0.018	
		(0.059)	
communityHealthCenter		−0.211**	
		(0.097)	
smokeTobacco			0.009
			(0.021)
illiterate			−0.070
			(0.200)
ownToilet			−0.023
			(0.089)
caste.Brahmin			−0.0001
			(0.004)
caste.OBC			−0.001
			(0.001)
caste.SC			−0.0002
			(0.002)
caste.ST			0.002
			(0.003)
Observations	2,800	2,639	2,748
R^2	0.0001	0.007	0.002
Adjusted R^2	−1.135	−1.273	−1.173
F Statistic	0.106 (df = 1; 1311)	1.691 (df = 5; 1152)	0.260 (df = 8; 1262)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 16:

	Dependent variable:	
	mbSTDorAIDS	
	(1)	(2)
roadPaved	−0.043	−0.031
	(0.038)	(0.043)
ImmunizationCampaignsNumber		0.006
		(0.004)
smokeTobacco		−0.021
		(0.024)
illiterate		−0.216
		(0.215)
ownToilet		−0.116
		(0.099)
healthSubCenter		−0.013
		(0.030)
primaryHealthCenter		−0.016
		(0.059)
communityHealthCenter		−0.228**
		(0.099)
mbTreatmentWhere1.SameVillage	0.012***	0.015***
	(0.005)	(0.006)
mbTreatmentWhere1.AnotherVillage	0.012**	0.017**
	(0.006)	(0.007)
mbTreatmentWhere1.OtherTown	0.007	0.009
	(0.005)	(0.006)
mbTreatmentWhere1.DistrictTown	0.012*	0.015**
	(0.006)	(0.007)
Observations	2,800	2,593
R^2	0.014	0.026
Adjusted R^2	−1.112	−1.273
F Statistic	3.711*** (df = 5; 1307)	2.424*** (df = 12; 1111)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 17:

	Dependent variable:		
	mbSTDorAIDS		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.046	−0.051	0.012
	(0.080)	(0.088)	(0.026)
ImmunizationCampaignsNumber		−0.004	
		(0.021)	
healthSubCenter		0.008	
		(0.156)	
primaryHealthCenter		−0.764*	
		(0.391)	
communityHealthCenter		−0.035	
		(0.885)	
smokeTobacco			−0.003
			(0.021)
illiterate			−0.016
			(0.200)
ownToilet			−0.013
			(0.088)
caste.Brahmin			0.001
			(0.004)
caste.OBC			−0.002
			(0.001)
caste.SC			0.001
			(0.002)
caste.ST			0.003
			(0.003)
Observations	658	615	2,707
R^2	0.003	0.037	0.004
Adjusted R^2	−4.242	−4.632	−1.204
F Statistic	0.329 (df = 1; 125)	0.802 (df = 5; 105)	0.629 (df = 8; 1223)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 18:

	Dependent variable:	
	mbSTDorAIDS	
	(1)	(2)
lnDistanceToPavedRoad	−0.009	−0.028
	(0.079)	(0.098)
ImmunizationCampaignsNumber		−0.012
		(0.021)
smokeTobacco		−0.062
		(0.090)
illiterate		−0.598
		(0.776)
ownToilet		−0.253
		(0.364)
healthSubCenter		0.100
		(0.159)
primaryHealthCenter		−0.699*
		(0.400)
communityHealthCenter		0.324
		(0.875)
mbTreatmentWhere1.SameVillage	0.012	0.025
	(0.021)	(0.025)
mbTreatmentWhere1.AnotherVillage	0.061***	0.073***
	(0.019)	(0.023)
mbTreatmentWhere1.OtherTown	0.020	0.037
	(0.021)	(0.025)
mbTreatmentWhere1.DistrictTown	0.029	0.039
	(0.024)	(0.028)
Observations	658	601
R^2	0.115	0.179
Adjusted R^2	−3.807	−4.238
F Statistic	3.136** (df = 5; 121)	1.712* (df = 12; 94)
Note:		*p<0.1; **p<0.05; ***p<0.01

Questions

- If using state-fixed and time-fixed effects for each village, do I really need all these controls?
- Can I do a differences-in-differences? <- potentially do for paved vs unpaved
- What controls should I include and what shouldn't? Should I be worried about "controlling away" the actual effect?