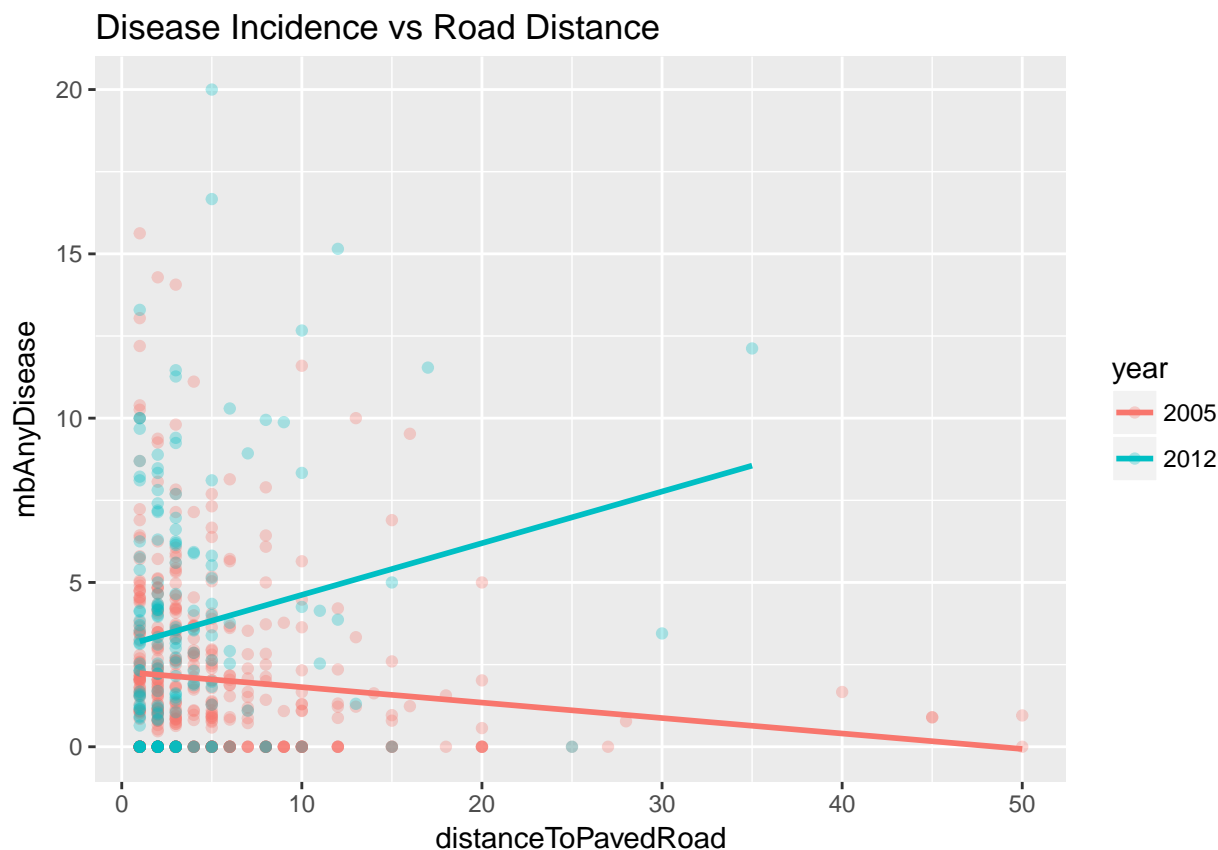


# Econ Thesis Data Analysis

*Yeshwant Chillakuru*



## Any Disease

### Personal Controls

Dependent variable:

mbAnyDisease

(1) (2) (3)

roadPaved 1.486\*\*\* 0.457\* 0.442\*

(0.254) (0.256) (0.257)

income 0.00001\*\*\* 0.00000\*\*

(0.00000) (0.00000)

illiterate 3.424\*\*\* 3.108\*\*

(1.302) (1.320)

smokeTobacco 0.955\*\*\* 0.826\*\*\*

(0.145) (0.153)

ownToilet 0.014\*\*  
(0.006)

electricity 0.006  
(0.005)

caste.Brahmin 0.0005  
(0.026)

seenDoctor -0.996 -0.847  
(1.282) (1.288)

---

Observations 2,800 2,742 2,742 R2 0.025 0.140 0.145 Adjusted  
R2 -1.081 -0.869 -0.863 F Statistic 34.265\*\*\* (df = 1; 1311) 41.104\*\*\* (df = 5; 1261) 26.626\*\*\* (df = 8; 1258)

=====

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

=====

Dependent variable: \_\_\_\_\_ mbAnyDisease (1) (2) (3)

---

lnDistanceToPavedRoad -0.661 -0.041 -0.049  
(0.469) (0.459) (0.468)

income -0.00001 -0.00001  
(0.00001) (0.00001)

illiterate 0.846 1.445  
(3.776) (3.916)

smokeTobacco 2.399\*\*\* 2.282\*\*\*  
(0.459) (0.497)

ownToilet 0.017  
(0.017)

electricity -0.001  
(0.014)

caste.Brahmin 0.043  
(0.055)

seenDoctor 0.403 0.879  
(3.293) (3.363)

---

Observations 658 642 642

R2 0.016 0.283 0.294

Adjusted R2 -4.174 -2.995 -3.040

F Statistic 1.985 (df = 1; 125) 9.093\*\*\* (df = 5; 115) 5.831\*\*\* (df = 8; 112)

=====

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

Table 2:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
roadPaved	1.419*** (0.265)	1.439*** (0.254)	1.377*** (0.264)
ImmunizationCampaignsNumber	0.091*** (0.028)		0.088*** (0.028)
drinkingWaterSource.Piped	0.010* (0.005)		0.010** (0.005)
healthSubCenter		0.090 (0.171)	0.022 (0.187)
primaryHealthCenter		-1.014*** (0.377)	-1.009*** (0.388)
communityHealthCenter		0.357 (0.628)	0.503 (0.638)
Observations	2,649	2,788	2,639
R <sup>2</sup>	0.040	0.030	0.046
Adjusted R <sup>2</sup>	-1.185	-1.085	-1.187
F Statistic	16.050*** (df = 3; 1164)	10.186*** (df = 4; 1296)	9.219*** (df = 6; 1151)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 3:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.740 (0.489)	−0.722 (0.479)	−0.841* (0.501)
ImmunizationCampaignsNumber	0.174 (0.117)		0.152 (0.119)
drinkingWaterSource.Piped	0.054*** (0.020)		0.059*** (0.021)
healthSubCenter		−0.492 (0.842)	−0.788 (0.884)
primaryHealthCenter		−2.499 (2.200)	−2.763 (2.218)
communityHealthCenter		−0.992 (4.992)	−3.410 (5.087)
Observations	619	652	615
R <sup>2</sup>	0.097	0.029	0.119
Adjusted R <sup>2</sup>	−4.118	−4.266	−4.201
F Statistic	3.916** (df = 3; 109)	0.905 (df = 4; 120)	2.343** (df = 6; 104)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 4:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
roadPaved	−0.003 (0.164)	−0.050 (0.164)	−0.018 (0.163)
mbTreatmentWho1.PublicDoc	0.402*** (0.025)		−0.040 (0.119)
mbTreatmentWho1.PublicDocInPvt	0.404*** (0.048)		−0.032 (0.124)
mbTreatmentWho1.PvtDoc	0.524*** (0.014)		0.086 (0.115)
mbTreatmentWho1.Pharm	0.764*** (0.104)		0.303* (0.158)
mbTreatmentWhere1.SameVillage		0.455*** (0.021)	0.405*** (0.115)
mbTreatmentWhere1.AnotherVillage		0.547*** (0.025)	0.488*** (0.117)
mbTreatmentWhere1.OtherTown		0.493*** (0.021)	0.444*** (0.115)
mbTreatmentWhere1.DistrictTown		0.464*** (0.028)	0.423*** (0.117)
Observations	2,800	2,800	2,800
R <sup>2</sup>	0.615	0.613	0.621
Adjusted R <sup>2</sup>	0.176	0.171	0.186
F Statistic	417.645*** (df = 5; 1307)	414.140*** (df = 5; 1307)	237.227*** (df = 9; 1303)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 5:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	0.261 (0.274)	0.158 (0.279)	0.223 (0.282)
mbTreatmentWho1.PublicDoc	0.491*** (0.069)		0.194 (0.270)
mbTreatmentWho1.PublicDocInPvt	0.566*** (0.136)		0.306 (0.284)
mbTreatmentWho1.PvtDoc	0.620*** (0.053)		0.324 (0.258)
mbTreatmentWho1.Pharm	0.840*** (0.252)		0.585 (0.386)
mbTreatmentWhere1.SameVillage		0.537*** (0.072)	0.261 (0.258)
mbTreatmentWhere1.AnotherVillage		0.613*** (0.067)	0.314 (0.262)
mbTreatmentWhere1.OtherTown		0.508*** (0.075)	0.293 (0.238)
mbTreatmentWhere1.DistrictTown		0.482*** (0.084)	0.218 (0.263)
Observations	658	658	658
R <sup>2</sup>	0.693	0.689	0.699
Adjusted R <sup>2</sup>	-0.664	-0.689	-0.692
F Statistic	54.744*** (df = 5; 121)	53.613*** (df = 5; 121)	30.154*** (df = 9; 117)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 6:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
roadPaved	0.014 (0.173)	0.107 (0.169)	0.073 (0.176)
income	−0.00000*** (0.00000)		−0.00000*** (0.00000)
ImmunizationCampaignsNumber	0.011 (0.018)		0.011 (0.017)
drinkingWaterSource.Piped	−0.003 (0.003)		−0.004 (0.003)
primaryHealthCenter	−0.623** (0.245)		−0.502** (0.242)
illiterate		1.178 (0.852)	1.036 (0.890)
smokeTobacco		−0.232** (0.095)	−0.105 (0.107)
ownToilet		−0.001 (0.004)	0.006 (0.004)
mbTreatmentWhere1.SameVillage	0.466*** (0.023)	0.492*** (0.022)	0.494*** (0.024)
mbTreatmentWhere1.AnotherVillage	0.584*** (0.027)	0.535*** (0.026)	0.542*** (0.028)
mbTreatmentWhere1.OtherTown	0.502*** (0.023)	0.516*** (0.022)	0.521*** (0.023)
mbTreatmentWhere1.DistrictTown	0.462*** (0.031)	0.472*** (0.028)	0.463*** (0.030)
seenDoctor			−0.780 (0.869)
Observations	2,643	2,748	2,590
R <sup>2</sup>	0.620	0.628	0.635
Adjusted R <sup>2</sup>	0.129	0.189	0.147
F Statistic	208.887*** (df = 9; 1152)	265.884*** (df = 8; 1262)	148.154*** (df = 13; 110)

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 7:

	<i>Dependent variable:</i>		
	mbAnyDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	0.069 (0.287)	0.236 (0.303)	0.249 (0.328)
income	0.00000 (0.00000)		−0.00000 (0.00001)
ImmunizationCampaignsNumber	0.005 (0.066)		−0.003 (0.068)
drinkingWaterSource.Piped	0.020* (0.012)		0.022* (0.012)
primaryHealthCenter	−1.264 (1.258)		−0.971 (1.387)
illiterate		2.718 (2.425)	2.194 (2.547)
smokeTobacco		0.253 (0.284)	0.381 (0.365)
ownToilet		−0.003 (0.011)	−0.003 (0.012)
mbTreatmentWhere1.SameVillage	0.553*** (0.076)	0.505*** (0.081)	0.530*** (0.082)
mbTreatmentWhere1.AnotherVillage	0.635*** (0.069)	0.595*** (0.073)	0.602*** (0.075)
mbTreatmentWhere1.OtherTown	0.485*** (0.078)	0.497*** (0.079)	0.484*** (0.080)
mbTreatmentWhere1.DistrictTown	0.406*** (0.087)	0.440*** (0.090)	0.377*** (0.091)
seenDoctor			−1.412 (2.156)
Observations	617	643	602
R <sup>2</sup>	0.740	0.701	0.752
Adjusted R <sup>2</sup>	−0.568	−0.712	−0.583
F Statistic	32.311*** (df = 9; 102)	32.882*** (df = 8; 112)	21.970*** (df = 13; 94)

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01



Village Controls

Medical TreatmentWhere and TreatmentWho Controls

Combined Controls

Communicable Disease

Non Communicable Disease

STD or AIDS

```
##
## Results
## =====
##                                     Dependent variable:
##                                     -----
##                                     df[, disease]
##                                     mbCataract  mbTuberculosis  mbHighBP  mbHeartDisease  mbDiabet
##                                     (1)          (2)          (3)          (4)          (5)
## -----
## roadPaved          -0.01979141    0.06881557    0.18375710   -0.08596338   -0.025009
##                   (0.09853901)    (0.05092901)    (0.24211500)    (0.08017043)    (0.142992
##
## income             0.00000085   -0.00000006    0.00000074    0.00000007    0.000000
##                   (0.00000085)    (0.00000044)    (0.00000208)    (0.00000069)    (0.000001
##
## illiterate         0.51689620    0.62490150**   -0.01289352   -0.40221240   -0.249670
##                   (0.49813920)    (0.25745880)    (1.22395100)    (0.40528140)    (0.722860
##
## smokeTobacco       0.05095896   -0.02904130    0.06119309    0.00331730   -0.027145
##                   (0.05901439)    (0.03050106)    (0.14500110)    (0.04801357)    (0.085637
##
## ownToilet          0.00014879    0.00045063   -0.00022018    0.00382078**  -0.000272
##                   (0.00234820)    (0.00121364)    (0.00576963)    (0.00191047)    (0.003407
##
## ImmunizationCampaignsNumber -0.01540595    0.00418634   -0.05195528** -0.01747519**  -0.001106
##                   (0.00972911)    (0.00502840)    (0.02390488)    (0.00791552)    (0.014118
##
## drinkingWaterSource.Piped -0.00299741  0.00252475***   -0.00435134   -0.00386734**  -0.001016
##                   (0.00188216)    (0.00097278)    (0.00462455)    (0.00153131)    (0.002731
##
## primaryHealthCenter 0.04903286    0.00548331    0.26761510   -0.10320170    0.071931
##                   (0.13641820)    (0.07050651)    (0.33518580)    (0.11098860)    (0.197959
##
## mbTreatmentWhere1.SameVillage 0.01895948   -0.00915389    0.04342489    0.00274890    0.030880
##                   (0.01344937)    (0.00695119)    (0.03304573)    (0.01094228)    (0.019516
##
## mbTreatmentWhere1.AnotherVillage -0.03314947** -0.01741592**   0.01539878    0.00506227    0.000029
##                   (0.01547580)    (0.00799853)    (0.03802476)    (0.01259097)    (0.022457
##
```

Table 8:

	<i>Dependent variable:</i>		
	mbComDisease		
	(1)	(2)	(3)
roadPaved	−0.010 (0.052)	0.007 (0.050)	0.014 (0.054)
income	−0.00000* (0.00000)		−0.00000 (0.00000)
ImmunizationCampaignsNumber	−0.007 (0.005)		−0.007 (0.005)
drinkingWaterSource.Piped	−0.0004 (0.001)		−0.001 (0.001)
primaryHealthCenter	−0.070 (0.073)		−0.066 (0.075)
illiterate		−0.409 (0.253)	−0.383 (0.274)
smokeTobacco		−0.054* (0.028)	−0.034 (0.032)
ownToilet		0.001 (0.001)	0.002 (0.001)
mbTreatmentWhere1.SameVillage	0.006 (0.007)	0.011* (0.007)	0.008 (0.007)
mbTreatmentWhere1.AnotherVillage	0.030*** (0.008)	0.034*** (0.008)	0.034*** (0.009)
mbTreatmentWhere1.OtherTown	0.011 (0.007)	0.013* (0.007)	0.013* (0.007)
mbTreatmentWhere1.DistrictTown	0.045*** (0.009)	0.040*** (0.008)	0.047*** (0.009)
Observations	2,643	2,748	2,596
R <sup>2</sup>	0.036	0.039	0.043
Adjusted R <sup>2</sup>	−1.211	−1.092	−1.230
F Statistic	4.766*** (df = 9; 1152)	6.370*** (df = 8; 1262)	4.148*** (df = 12; 1114)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 9:

	<i>Dependent variable:</i>		
	mbComDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.068 (0.091)	−0.068 (0.085)	−0.065 (0.096)
income	0.00000 (0.00000)		−0.00000 (0.00000)
ImmunizationCampaignsNumber	0.027 (0.021)		0.019 (0.020)
drinkingWaterSource.Piped	−0.004 (0.004)		−0.004 (0.004)
primaryHealthCenter	0.435 (0.399)		0.428 (0.408)
illiterate		0.158 (0.679)	−0.061 (0.731)
smokeTobacco		0.091 (0.080)	0.120 (0.104)
ownToilet		−0.004 (0.003)	−0.003 (0.004)
mbTreatmentWhere1.SameVillage	−0.024 (0.024)	−0.030 (0.023)	−0.032 (0.024)
mbTreatmentWhere1.AnotherVillage	0.050** (0.022)	0.047** (0.021)	0.047** (0.022)
mbTreatmentWhere1.OtherTown	0.003 (0.025)	−0.006 (0.022)	−0.003 (0.024)
mbTreatmentWhere1.DistrictTown	0.006 (0.028)	−0.006 (0.025)	−0.002 (0.027)
Observations	617	643	603
R <sup>2</sup>	0.103	0.092	0.136
Adjusted R <sup>2</sup>	−4.419	−4.205	−4.472
F Statistic	1.298 (df = 9; 102)	1.417 (df = 8; 112)	1.251 (df = 12; 95)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 10:

	<i>Dependent variable:</i>		
	mbNonComDisease		
	(1)	(2)	(3)
roadPaved	0.056 (0.053)	0.002 (0.052)	0.015 (0.055)
income	0.00000* (0.00000)		0.00000 (0.00000)
ImmunizationCampaignsNumber	−0.006 (0.005)		−0.006 (0.005)
drinkingWaterSource.Piped	0.0001 (0.001)		0.001 (0.001)
primaryHealthCenter	0.105 (0.075)		0.116 (0.076)
illiterate		0.248 (0.262)	0.463* (0.277)
smokeTobacco		0.057** (0.029)	0.055* (0.033)
ownToilet		−0.0001 (0.001)	−0.0003 (0.001)
mbTreatmentWhere1.SameVillage	0.014** (0.007)	0.020*** (0.007)	0.013* (0.007)
mbTreatmentWhere1.AnotherVillage	0.017** (0.008)	0.019** (0.008)	0.015* (0.009)
mbTreatmentWhere1.OtherTown	0.024*** (0.007)	0.030*** (0.007)	0.025*** (0.007)
mbTreatmentWhere1.DistrictTown	0.028*** (0.009)	0.018** (0.009)	0.026*** (0.009)
Observations	2,643	2,748	2,596
R <sup>2</sup>	0.049	0.062	0.061
Adjusted R <sup>2</sup>	−1.180	−1.042	−1.187
F Statistic	6.638*** (df = 9; 1152)	10.381*** (df = 8; 1262)	6.038*** (df = 12; 1114)

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 11:

	<i>Dependent variable:</i>		
	mbNonComDisease		
	(1)	(2)	(3)
lnDistanceToPavedRoad	−0.023 (0.069)	−0.020 (0.076)	0.002 (0.080)
income	0.00000 (0.00000)		−0.00000 (0.00000)
ImmunizationCampaignsNumber	−0.018 (0.016)		−0.018 (0.017)
drinkingWaterSource.Piped	0.0003 (0.003)		0.0003 (0.003)
primaryHealthCenter	0.381 (0.303)		0.465 (0.337)
illiterate		0.147 (0.608)	0.444 (0.605)
smokeTobacco		−0.006 (0.071)	0.014 (0.086)
ownToilet		0.001 (0.003)	0.002 (0.003)
mbTreatmentWhere1.SameVillage	0.017 (0.018)	0.029 (0.020)	0.017 (0.020)
mbTreatmentWhere1.AnotherVillage	0.005 (0.017)	0.006 (0.018)	0.001 (0.018)
mbTreatmentWhere1.OtherTown	0.038** (0.019)	0.040** (0.020)	0.037* (0.020)
mbTreatmentWhere1.DistrictTown	0.017 (0.021)	0.003 (0.023)	0.017 (0.022)
Observations	617	643	603
R <sup>2</sup>	0.099	0.086	0.110
Adjusted R <sup>2</sup>	−4.442	−4.238	−4.642
F Statistic	1.244 (df = 9; 102)	1.320 (df = 8; 112)	0.976 (df = 12; 95)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 12:

	<i>Dependent variable:</i>		
	mbSTDorAIDS		
	(1)	(2)	(3)
roadPaved	−0.040 (0.025)	−0.027 (0.023)	−0.034 (0.025)
income	−0.00000*** (0.00000)		−0.00000 (0.00000)
ImmunizationCampaignsNumber	0.001 (0.003)		0.001 (0.002)
drinkingWaterSource.Piped	0.0001 (0.0005)		−0.0001 (0.0005)
primaryHealthCenter	−0.024 (0.035)		−0.027 (0.034)
illiterate		−0.229** (0.115)	−0.246* (0.126)
smokeTobacco		−0.017 (0.013)	−0.014 (0.015)
ownToilet		−0.0002 (0.001)	−0.0005 (0.001)
mbTreatmentWhere1.SameVillage	0.010*** (0.003)	0.012*** (0.003)	0.011*** (0.003)
mbTreatmentWhere1.AnotherVillage	0.015*** (0.004)	0.011*** (0.004)	0.014*** (0.004)
mbTreatmentWhere1.OtherTown	0.004 (0.003)	0.001 (0.003)	0.002 (0.003)
mbTreatmentWhere1.DistrictTown	0.014*** (0.004)	0.008** (0.004)	0.011** (0.004)
Observations	2,643	2,748	2,596
R <sup>2</sup>	0.034	0.028	0.032
Adjusted R <sup>2</sup>	−1.216	−1.115	−1.255
F Statistic	4.494*** (df = 9; 1152)	4.574*** (df = 8; 1262)	3.069*** (df = 12; 1114)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 13:

	<i>Dependent variable:</i>		
	mbSTDorAIDS		
	(1)	(2)	(3)
lnDistanceToPavedRoad	0.031 (0.053)	−0.016 (0.054)	−0.001 (0.059)
income	−0.00000* (0.00000)		−0.00000 (0.00000)
ImmunizationCampaignsNumber	−0.010 (0.012)		−0.009 (0.012)
drinkingWaterSource.Piped	−0.005** (0.002)		−0.005** (0.002)
primaryHealthCenter	−0.501** (0.230)		−0.560** (0.252)
illiterate		−0.712 (0.433)	−0.816* (0.451)
smokeTobacco		−0.047 (0.051)	−0.045 (0.064)
ownToilet		−0.0003 (0.002)	−0.001 (0.002)
mbTreatmentWhere1.SameVillage	0.020 (0.014)	0.013 (0.014)	0.022 (0.015)
mbTreatmentWhere1.AnotherVillage	0.055*** (0.013)	0.062*** (0.013)	0.061*** (0.014)
mbTreatmentWhere1.OtherTown	0.025* (0.014)	0.014 (0.014)	0.027* (0.015)
mbTreatmentWhere1.DistrictTown	0.022 (0.016)	0.017 (0.016)	0.026 (0.017)
Observations	617	643	603
R <sup>2</sup>	0.297	0.209	0.333
Adjusted R <sup>2</sup>	−3.245	−3.533	−3.228
F Statistic	4.789*** (df = 9; 102)	3.705*** (df = 8; 112)	3.950*** (df = 12; 95)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

```

## mbTreatmentWhere1.OtherTown      -0.02506302*  -0.01415667**   0.03767553    0.01198125    0.004159
##                                (0.01308793)   (0.00676438)   (0.03215766)   (0.01064822)   (0.018992
##
##
## mbTreatmentWhere1.DistrictTown    -0.03342513**   0.00975737    -0.01847203   -0.00816839    0.012338
##                                (0.01692860)   (0.00874940)   (0.04159436)   (0.01377295)   (0.024565
##
## -----
## Observations                      2,596          2,596          2,596          2,596          2,596
## R2                                0.01825045      0.02268699    0.01124468    0.01701084    0.002824
## Adjusted R2                       -1.28693000    -1.27659500   -1.30325000   -1.28981800   -1.322864
## F Statistic (df = 12; 1114)       1.72574600*    2.15499900**   1.05575300    1.60650100*    0.262960
## =====
## Note:                                                                    *p<0.1; **p
##
## Results
## =====
##                                     Dependent variable:
##                                     -----
##                                     df[, disease]
##                                     mbCataract  mbTuberculosis  mbHighBP  mbHeartDisease  mbDiabetes
##                                     (1)         (2)         (3)         (4)         (5)
## -----
## roadPaved                        0.06960639**   -0.06534181   -0.04678573    0.06735701    0.0180939
##                                (0.03030639)   (0.11126330)   (0.03051389)   (0.07932052)   (0.0536771
##
## income                          -0.00000001   -0.00000007   -0.00000040   -0.00000015   0.00000101
##                                (0.00000026)   (0.00000095)   (0.00000026)   (0.00000068)   (0.0000004
##
## illiterate                       0.03173184     0.28766730     0.03612955    -0.27295310   -0.1039691
##                                (0.15320630)   (0.56246360)   (0.15425530)   (0.40098490)   (0.2713512
##
## smokeTobacco                    -0.00836379   -0.07189998    0.04424141**    0.02537529   -0.0437238
##                                (0.01815031)   (0.06663489)   (0.01827457)   (0.04750456)   (0.0321468
##
## ownToilet                        0.00132513*    0.00119222     0.00012506    -0.00122294    0.0004106
##                                (0.00072221)   (0.00265142)   (0.00072715)   (0.00189022)   (0.0012791
##
## ImmunizationCampaignsNumber      0.00221647    -0.00515842    0.00850293***   0.00105911   -0.0019938
##                                (0.00299226)   (0.01098543)   (0.00301275)   (0.00783160)   (0.0052997
##
## drinkingWaterSource.Piped        -0.00028003     0.00135405    -0.00030586    -0.00113058   -0.0009344
##                                (0.00057887)   (0.00212520)   (0.00058283)   (0.00151507)   (0.0010252
##
## primaryHealthCenter              0.10635110**    0.19114490    -0.02512290    0.03503891    0.0347559
##                                (0.04195640)   (0.15403380)   (0.04224366)   (0.10981190)   (0.0743110
##
## mbTreatmentWhere1.SameVillage     -0.00414770     0.00558087     0.00106321    -0.00134477   -0.0058721
##                                (0.00413645)   (0.01518608)   (0.00416477)   (0.01082628)   (0.0073262
##
## mbTreatmentWhere1.AnotherVillage  0.00378956     0.02154105    -0.00316789    -0.01705243    0.0022052
##                                (0.00475969)   (0.01747418)   (0.00479228)   (0.01245749)   (0.0084301
##
## mbTreatmentWhere1.OtherTown       0.00067030    -0.01410573    -0.00403073     0.01004450   -0.0063568

```



```
##          (0.00402529) (0.01477797) (0.00405285) (0.01053534) (0.00712933)
##
## mbTreatmentWhere1.DistrictTown    0.00105269 -0.02669316 -0.00414592 -0.00557038  0.00179283
##          (0.00520651) (0.01911458) (0.00524216) (0.01362694) (0.00922151)
##
## -----
## Observations          2,596          2,596          2,596          2,596          2,596
## R2                   0.01643962    0.00939589    0.01660718    0.00578849    0.00691871
## Adjusted R2          -1.29114800   -1.30755600   -1.29075800   -1.31595900   -1.31332700
## F Statistic (df = 12; 1114)    1.55165300    0.88052490    1.56773500*    0.54049300    0.64676250
## =====
## Note:
```

---

## Notes

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

## To Do:

- 

## 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?