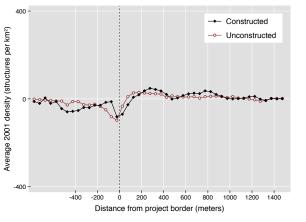
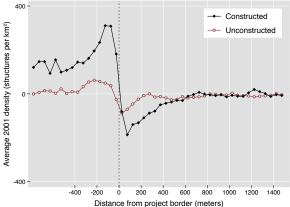
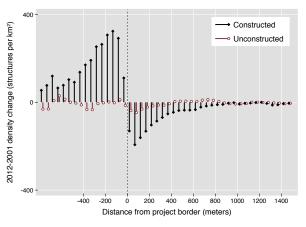
Figure 1. around 5,200 1km Square Fixed Effects, each with 400 grid cells within Pre-Period Housing Densities in Constructed and Unconstructed projects

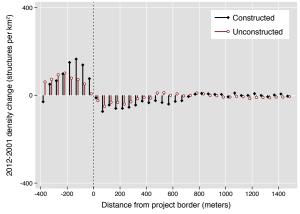




- (a) pre-period formal housing density
- **(b)** pre-period informal housing density

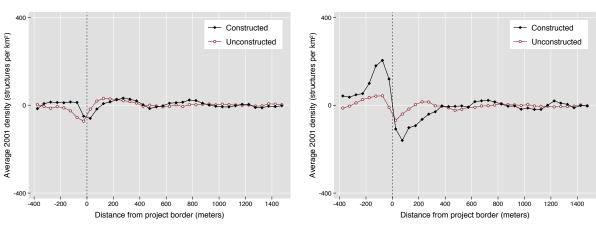
Figure 2. 1km Square Fixed Effects (400 grid cells within) Housing Densities in Constructed and Unconstructed projects





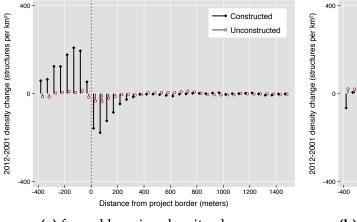
- (a) formal housing density change
- **(b)** informal housing density change

Figure 3. around 20,000 0.5km Square Fixed Effects, each with 100 grid cells within Pre-Period Housing Densities in Constructed and Unconstructed projects

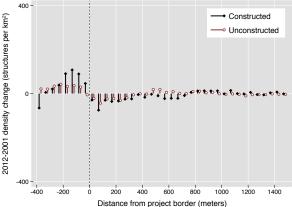


- (a) pre-period formal housing density
- **(b)** pre-period informal housing density

Figure 4. 0.5km Square Fixed Effects (100 grid cells within) Housing Densities in Constructed and Unconstructed projects



(a) formal housing density change



(b) informal housing density change

 α

Table 1. Census Household-level Estimates

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Flush	Water	Electricity	Electricity	Electricity	Number of	Household	Population
	Toilet	Indoors	Cooking	Heating	Lighting	Rooms	Size	Density
inside project	0.097 (0.069)	0.182 ^a (0.046)	0.182 ^a (0.064)	0.163 ^a (0.062)	0.107 (0.066)	0.069 (0.169)	0.070 (0.079)	-813.497 (1228.688)
0-300m outside project	-0.042 (0.036)	0.015 (0.038)	-0.015 (0.034)	-0.003 (0.036)	-0.025 (0.032)	-0.092 (0.119)	-0.094 ^c (0.054)	385.617 (647.578)
300-600m outside project	-0.033	0.009	-0.015	-0.001	-0.017	-0.093	-0.048	-247.696
	(0.027)	(0.033)	(0.027)	(0.029)	(0.026)	(0.109)	(0.052)	(694.350)
Mean Outcome 2001 Mean Outcome 2011 R ² # projects N project areas	0.79	0.35	0.66	0.62	0.77	3.30	3.51	8,566.83
	0.83	0.54	0.81	0.72	0.82	3.56	3.18	9,823.82
	0.402	0.414	0.491	0.474	0.442	0.475	0.496	0.458
	314	314	314	314	314	314	314	314
	3,657	3,657	3,657	3,657	3,657	3,651	3,657	3,657
N spillover areas	4,200	4,200	4,200	4,200	4,200	4,192	4,199	4,201
N	12,732	12,732	12,732	12,732	12,732	12,709	12,730	12,734

All regressions include project Fixed-Effects. Standard errors clustered at the project level in parenthesis. c p<0.10,b p<0.05,a p<0.01

Table 2. Census Household-level Estimates

Commonstrained Comm	1											
Greenfield Indoors Cooking Heating Lighting Rooms Size Density Greenfield 1 0.056 0.059 0.021 0.012 0.206 0.148 1621.126 (0.131) (0.125) (0.108) (0.112) (0.121) (0.424) (0.210) 26269.868 0-300m outside project -0.099 0.100 0.000 0.024 -0.041 0.526b 0.210c 1793.202 (0.086) (0.083) (0.083) (0.062) (0.071) (0.056b (0.246) (0.115) (1658.400) 300-600m outside project -0.018 -0.007 (0.042) (0.056) (0.039) (0.180) (0.092) (2089.357) Inside project 0.314* 0.232** 0.323** 0.349** 0.195** 0.396** 0.116 -3279.353 Inside project 0.031** 0.0234* 0.042** 0.019** 0.396** 0.116 -3279.353 300-600m outside project 0.008** 0.030** 0.		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
Greenfield		Flush	Water	Electricity	Electricity	Electricity	Number of	Household	Population			
inside project -0.084 0.156 0.059 0.021 0.012 0.206 0.148 1621.126 0-300m outside project -0.099 0.100 0.000 0.024 -0.041 0.526b 0.210c 1793.202 0-300m outside project -0.099 0.100 0.000 0.024 -0.041 0.526b 0.210c 1793.202 10.060m outside project -0.018 -0.007 0.076c 0.069 0.088b 0.177 0.091 -1943.597 10.58itu Upgrading 0.0314a -0.0232a 0.323a 0.349a 0.195b 0.396c 0.116 -3279.353 10-300m outside project 0.013 0.084 0.088 0.080 0.094 0.023b 0.016 -3279.353 10-300m outside project 0.008 0.030 0.044 0.062 0.001 -0.180 -0.068 -1058.226 2006 0.078 0.036 0.029 0.069 -0.020 -0.173 -0.012 -385.580 300-600m outside project -0.015<		Toilet	Indoors	Cooking	Heating	Lighting	Rooms	Size	Density			
0-300m outside project	Greenfield											
0-300m outside project	inside project	-0.084	0.156	0.059	0.021	0.012	0.206	0.148	1621.126			
1.00,086 0.083 0.062 0.071 0.056 0.246 0.115 0.1658.400 300-600m outside project -0.018 -0.007 0.076° 0.069 0.088° 0.177 0.091 -1943.597 0.056 0.056 0.039 0.088° 0.177 0.091 -1943.597 0.056 0.039 0.088° 0.177 0.091 -1943.597 0.056 0.0396 0.088° 0.175 0.092 0.089.357 0.056 0.0396 0.088 0.0092 0.089.357 0.056 0.0396° 0.056 0.0396° 0.056		(0.131)	(0.125)	(0.108)	(0.112)	(0.121)	(0.424)	(0.210)	(2629.868)			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0-300m outside project	-0.099	0.100	0.000	0.024	-0.041	0.526^{b}	0.210^{c}	1793.202			
No.	- ,	(0.086)	(0.083)	(0.062)	(0.071)	(0.056)	(0.246)	(0.115)	(1658.400)			
In-Situ Upgrading	300-600m outside project	-0.018	-0.007	0.076^{c}	0.069	0.088^{b}	0.177	0.091	-1943.597			
inside project 0.314a (0.113) 0.232a (0.084) 0.349a (0.080) 0.195b (0.094) 0.396c (0.116) -3279.353 0-300m outside project 0.008 (0.084) (0.088) (0.080) (0.094) (0.238) (0.126) (2664.391) 0-300m outside project 0.008 (0.078) (0.079) (0.065) (0.071) (0.061) (0.246) (0.081) (1128.865) 300-600m outside project -0.015 (0.063) 0.036 0.029 (0.069) -0.020 (0.073) -0.132 (0.085) -0.132 -385.580 Other -0.053 (0.090) (0.071) (0.066) 0.070) (0.053) (0.274) (0.085) (1033.581) Other inside project -0.053 (0.090) 0.084 0.046 (0.090) 0.0217) (0.101) (937.030) 0-300m outside project -0.055 (0.095) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030) 0-300m outside project -0.055 (0.042) -0.052 (0.043) -0.199 (0.044) (0.044) (0.041) (0.144) (0.074) (832.258) <tr< td=""><td>• ,</td><td>(0.056)</td><td>(0.076)</td><td>(0.042)</td><td>(0.056)</td><td>(0.039)</td><td>(0.180)</td><td>(0.092)</td><td>(2089.357)</td></tr<>	• ,	(0.056)	(0.076)	(0.042)	(0.056)	(0.039)	(0.180)	(0.092)	(2089.357)			
inside project 0.314a (0.113) 0.232a (0.084) 0.349a (0.080) 0.195b (0.094) 0.396c (0.116) -3279.353 0-300m outside project 0.008 (0.084) (0.088) (0.080) (0.094) (0.238) (0.126) (2664.391) 0-300m outside project 0.008 (0.078) (0.079) (0.065) (0.071) (0.061) (0.246) (0.081) (1128.865) 300-600m outside project -0.015 (0.063) 0.036 0.029 (0.069) -0.020 (0.073) -0.132 (0.085) -0.132 -385.580 Other -0.053 (0.090) (0.071) (0.066) 0.070) (0.053) (0.274) (0.085) (1033.581) Other inside project -0.053 (0.090) 0.084 0.046 (0.090) 0.0217) (0.101) (937.030) 0-300m outside project -0.055 (0.095) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030) 0-300m outside project -0.055 (0.042) -0.052 (0.043) -0.199 (0.044) (0.044) (0.041) (0.144) (0.074) (832.258) <tr< td=""><td>In-Situ Upgrading</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>	In-Situ Upgrading											
Color	10 0	0.314^{a}	0.232^{a}	0.323^{a}	0.349^{a}	0.195 ^b	0.396 ^c	0.116	-3279.353			
0-300m outside project 0.008 0.030 0.044 0.062 0.001 -0.180 -0.068 -1058.226 300-600m outside project -0.015 0.036 0.029 0.069 -0.020 -0.173 -0.132 -385.580 300-600m outside project -0.063 (0.071) (0.066) (0.070) (0.053) (0.274) (0.085) (1033.581) Other inside project -0.053 0.102° 0.084 0.046 0.040 -0.332 -0.037 292.026 (0.090) (0.055) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030) 0-300m outside project -0.055 -0.012 -0.062 -0.052 -0.043 -0.199 -0.189b 583.676 0.044 (0.044) (0.044) (0.044) (0.041) (0.041) (0.144) (0.077) (0.104) (0.074) (832.258) 300-600m outside project -0.045 -0.055 -0.041 -0.040 -0.163 -0.081 215.487 <td>1 /</td> <td>(0.113)</td> <td>(0.084)</td> <td>(0.088)</td> <td>(0.080)</td> <td>(0.094)</td> <td>(0.238)</td> <td>(0.126)</td> <td>(2664.391)</td>	1 /	(0.113)	(0.084)	(0.088)	(0.080)	(0.094)	(0.238)	(0.126)	(2664.391)			
128.865 300-600m outside project -0.015 0.036 0.029 0.069 -0.020 -0.173 -0.132 -385.580 -0.0660 0.0660 0.070 0.053 0.0274 0.085 0.085 -0.035 0.035 0.071 0.0660 0.070 0.053 0.0274 0.085 0.085 0.035 0.035 0.0274 0.085 0.035 0.035 0.0274 0.085 0.035 0.035 0.0274 0.085 0.035 0.035 0.0274 0.085 0.035 0.035 0.0274 0.085 0.035 0.035 0.0274 0.085 0.035 0.0274 0.085 0.035 0.0274 0.085 0.035 0.0274 0.085 0.035 0.0274 0.085 0.035 0.0274 0.035 0.037 0.035 0.037 0.035 0.037 0.035 0.037 0.035 0.037 0.035 0.037	0-300m outside project	0.008	0.030	0.044	0.062	0.001	-0.180	-0.068	-1058.226			
Other (0.063) (0.071) (0.066) (0.070) (0.053) (0.274) (0.085) (1033.581) Other inside project -0.053 0.102° 0.084 0.046 0.040 -0.332 -0.037 292.026 (0.090) (0.095) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030) 0-300m outside project -0.055 -0.012 -0.062 -0.052 -0.043 -0.199 -0.189b 583.676 (0.044) (0.044) (0.044) (0.044) (0.044) (0.041) (0.144) (0.074) (832.258) 300-600m outside project -0.045 0.004 -0.055 -0.041 -0.040 -0.163 -0.081 215.487 (0.031) (0.031) (0.042) (0.036) (0.035) (0.034) (0.130) (0.073) (800.381) Mean Outcome 2001 0.79 0.35 0.66 0.62 0.77 3.30 3.51 8,566.83 Mean Outcome 2011 0.83 0.54	1 ,	(0.078)	(0.079)	(0.065)	(0.071)	(0.061)	(0.246)	(0.081)	(1128.865)			
Other inside project -0.053 0.102° 0.084 0.046 0.040 -0.332 -0.037 292.026 0.300m outside project -0.055 -0.012 -0.062 -0.052 -0.043 -0.199 -0.189b 583.676 0.0040m outside project -0.045 -0.012 -0.062 -0.052 -0.043 -0.199 -0.189b 583.676 300-600m outside project -0.045 0.004 -0.055 -0.041 -0.040 -0.163 -0.081 215.487 0.031 (0.031) (0.042) (0.036) (0.035) (0.034) (0.130) (0.073) (800.381) Mean Outcome 2001 0.79 0.35 0.66 0.62 0.77 3.30 3.51 8,566.83 Mean Outcome 2011 0.83 0.54 0.81 0.72 0.82 3.56 3.18 9,823.82 R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314 314	300-600m outside project	-0.015	0.036	0.029	0.069	-0.020	-0.173	-0.132	-385.580			
inside project	1 /	(0.063)	(0.071)	(0.066)	(0.070)	(0.053)	(0.274)	(0.085)	(1033.581)			
0.090) (0.095) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030) (0.300) (0.300) (0.00	Other											
(0.090) (0.055) (0.095) (0.091) (0.096) (0.217) (0.101) (937.030)	inside project	-0.053	0.102^{c}	0.084	0.046	0.040	-0.332	-0.037	292.026			
1	1 /	(0.090)	(0.055)	(0.095)	(0.091)	(0.096)	(0.217)	(0.101)	(937.030)			
300-600m outside project -0.045 0.004 -0.055 -0.041 -0.040 -0.163 -0.081 215.487 Mean Outcome 2001 0.79 0.35 0.66 0.62 0.77 3.30 3.51 8,566.83 Mean Outcome 2011 0.83 0.54 0.81 0.72 0.82 3.56 3.18 9,823.82 R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314 3	0-300m outside project	-0.055	-0.012	-0.062	-0.052	-0.043	-0.199	-0.189 ^b	583.676			
Mean Outcome 2001 0.79 0.35 0.66 0.62 0.77 3.30 3.51 8,566.83 Mean Outcome 2011 0.83 0.54 0.81 0.72 0.82 3.56 3.18 9,823.82 R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314 31	,	(0.044)	(0.049)	(0.044)	(0.044)	(0.041)	(0.144)	(0.074)	(832.258)			
Mean Outcome 2001 0.79 0.35 0.66 0.62 0.77 3.30 3.51 8,566.83 Mean Outcome 2011 0.83 0.54 0.81 0.72 0.82 3.56 3.18 9,823.82 R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314 31	300-600m outside project	-0.045	0.004	-0.055	-0.041	-0.040	-0.163	-0.081	215.487			
Mean Outcome 2011 0.83 0.54 0.81 0.72 0.82 3.56 3.18 9,823.82 R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314	• ,	(0.031)	(0.042)	(0.036)	(0.035)	(0.034)	(0.130)	(0.073)	(800.381)			
R² 0.413 0.424 0.499 0.481 0.450 0.482 0.501 0.462 # projects 314 314 314 314 314 314 314 314 314 N project areas 3,657 3,657 3,657 3,657 3,657 3,657 3,657 3,657 N spillover areas 4,200 4,200 4,200 4,200 4,192 4,199 4,201	Mean Outcome 2001	0.79	0.35	0.66	0.62	0.77	3.30	3.51	8,566.83			
# projects 314 314 314 314 314 314 314 314 314 314	Mean Outcome 2011	0.83	0.54	0.81	0.72	0.82	3.56	3.18	9,823.82			
N project areas 3,657 3,657 3,657 3,657 3,657 3,657 3,657 3,657 3,657 N spillover areas 4,200 4,200 4,200 4,200 4,192 4,199 4,201	\mathbb{R}^2	0.413	0.424	0.499	0.481	0.450	0.482	0.501	0.462			
N spillover areas 4,200 4,200 4,200 4,200 4,200 4,192 4,199 4,201	# projects	314	314	314	314	314	314	314	314			
N spillover areas 4,200 4,200 4,200 4,200 4,200 4,192 4,199 4,201	N project areas	3,657	3,657	3,657	3,657	3,657	3,651	3,657	3,657			
♣		4,200	4,200	4,200	4,200	4,200	4,192	4,199	4,201			
	N	12,732	12,732	12,732	12,732	12,732	12,709	12,730	12,734			

All regressions include project Fixed-Effects. Standard errors clustered at the project level in parenthesis. c p<0.10,b p<0.05,a p<0.01