1. Setup

- Sampling: GHS picked a set of 2001 census EAs, then sampled HHs and followed these HHs for 3 (or 4) years, then repeated the process with new EAs. Here are counts for EAs in each round within 4km of projects
  1. 2005-2007: 214 EAs
  2. 2008-2012: 236 EAs
  3. 2012-2014: 333 EAs
  4. 2015-2017: 538 EAs
- Empirical strategy:
  - $y_{ite} = \beta_0 + \beta_1 post_t + \beta_2 proj_e + \beta_3 post_t X proj_e + \beta_4 spill_e + \beta_5 post_t X spill_e + \epsilon$
  - e is EA, t is year, i is HH, $post$ is year$\geq$ 2008
- Notes:
  - We're essentially picking up the second half of the constructed project effects. Table 1 finds that in project areas, there's about 20% more subsidized housing in 2005-2007, which jumps by 24% in 2008-2017
  - I don't do the triple-difference because many of the planned but unconstructed projects may be getting finished over this period (I tried it and got weird results consistent with this theory)
  - the **Non-RDP** results limit the sample to **Non-RDP** houses only so we can see what happens to non-project housing quality !
  - errors are clustered at project level, also results are weighted by EA area and control for EA area cubic in pre and post periods

2. Results

Table 1. GHS RDP House

	(1) RDP house
inside × post	0.190[b]
	(0.094)
0-500m away × post	0.024
	(0.195)
R^2	0.66
N	118,267

[c] p<0.10,[b] p<0.05,[a] p<0.01

Table 2. Type of Houses

	Own	Rent-free	For.	Inf. (non-bkyd)	Inf. bkyd	Brick Walls	Wall Qual. (1 to 5)	Tile Roof	Roof Qual. (1 to 5)
All									
inside × post	-0.482[a]	0.381[a]	0.107	-0.240[b]	0.017	0.174	0.036	-0.010	0.047
	(0.143)	(0.107)	(0.156)	(0.103)	(0.026)	(0.145)	(0.143)	(0.047)	(0.156)
0-500m away × post	-0.186[c]	0.135[b]	-0.006	-0.114	0.042	0.125	0.051	-0.100[c]	0.007
	(0.111)	(0.061)	(0.190)	(0.135)	(0.060)	(0.141)	(0.303)	(0.054)	(0.334)
R^2	0.34	0.30	0.36	0.38	0.14	0.32	0.29	0.44	0.28
N	118,267	118,267	118,267	118,267	118,267	118,267	116,849	118,267	116,766
Non-RDP									
inside × post	-0.396[a]	0.194[a]	-0.164[b]	-0.128	0.094	-0.009	0.132	-0.025	0.074
	(0.143)	(0.073)	(0.080)	(0.083)	(0.069)	(0.111)	(0.142)	(0.057)	(0.169)
0-500m away × post	-0.047	0.064	-0.115	0.025	0.132	-0.035	-0.178	-0.107	-0.302
	(0.118)	(0.062)	(0.173)	(0.084)	(0.099)	(0.069)	(0.211)	(0.069)	(0.281)
R^2	0.31	0.32	0.34	0.40	0.20	0.37	0.30	0.41	0.32
N	96,158	96,158	96,158	96,158	96,158	96,158	94,965	96,158	94,898

[c] $p<0.10$,[b] $p<0.05$,[a] $p<0.01$

Table 3. Services

	Toilet on site	Share toilet	Piped water	Electricity
All				
inside × post	0.440[a]	0.150[a]	0.033	0.342[c]
	(0.147)	(0.047)	(0.077)	(0.199)
0-500m away × post	0.333[b]	0.137	0.112	0.035
	(0.129)	(0.104)	(0.201)	(0.164)
R^2	0.52	0.35	0.41	0.38
N	115,157	114,258	118,267	118,267
Non-RDP				
inside × post	0.380[b]	0.326[a]	-0.019	0.166
	(0.151)	(0.103)	(0.088)	(0.115)
0-500m away × post	0.323[a]	0.190	-0.072	-0.097
	(0.115)	(0.138)	(0.191)	(0.114)
R^2	0.53	0.39	0.45	0.38
N	93,415	92,689	96,158	96,158

[c] $p<0.10$,[b] $p<0.05$,[a] $p<0.01$

Table 4. Demographics

	Move dwell-type	HH size	Kids	African	Age	Emp	Inc	HHinc	Rent
All									
inside × post	-0.036	-0.322	0.325	0.050	-3.181[b]	0.146[a]	-1754.948	-3352.075[c]	135.889
	(0.040)	(0.533)	(0.248)	(0.043)	(1.325)	(0.043)	(1314.032)	(1940.363)	(335.318)
0-500m away × post	0.124[b]	-0.541	-0.162	0.066	1.899	-0.000	-2666.628[b]	-4508.189[b]	470.497
	(0.058)	(0.629)	(0.284)	(0.043)	(2.173)	(0.046)	(1264.596)	(2061.897)	(321.898)
R^2	0.08	0.19	0.13	0.58	0.04	0.10	0.35	0.40	0.59
N	48,623	114,578	115,744	118,267	118,267	86,477	18,554	49,417	17,623
Non-RDP									
inside × post	-0.039	-0.857	0.097	0.079[c]	-2.485[c]	0.184[a]	-2061.999	-4420.310[b]	88.709
	(0.047)	(0.539)	(0.232)	(0.042)	(1.303)	(0.060)	(1522.286)	(2120.168)	(352.798)
0-500m away × post	0.120[b]	-0.344	-0.071	0.085[c]	2.126	-0.029	-3287.420[b]	-4522.048[c]	568.384
	(0.050)	(0.952)	(0.479)	(0.049)	(2.522)	(0.064)	(1446.781)	(2544.625)	(380.603)
R^2	0.09	0.20	0.13	0.55	0.05	0.11	0.35	0.39	0.60
N	40,659	92,834	93,962	96,158	96,158	71,233	15,720	40,452	14,598

[c] $p<0.10$,[b] $p<0.05$,[a] $p<0.01$

Table 5. Kids outcomes

	Edu. level	time to school (1 to 5)	flu	diarrhea
All				
inside × post	0.118	-0.055	-0.108	-0.009[b]
	(0.138)	(0.128)	(0.070)	(0.004)
0-500m away × post	0.011	-0.055	0.028	-0.002
	(0.275)	(0.221)	(0.062)	(0.012)
R^2	0.85	0.26	0.10	0.23
N	18,932	24,859	37,065	37,065
Non-RDP				
inside × post	0.219	-0.004	-0.053	-0.010[c]
	(0.155)	(0.150)	(0.041)	(0.005)
0-500m away × post	-0.252	0.229	-0.057	-0.019
	(0.185)	(0.157)	(0.062)	(0.016)
R^2	0.84	0.29	0.11	0.25
N	14,694	19,369	28,979	28,979

[c] $p<0.10$,[b] $p<0.05$,[a] $p<0.01$
controlling for age