

Replication: Currie et al.: Fast-Food, Obesity, Weight Gain

Table 1: Summary Statistics for California School Data

	All	<0.5 miles FF	<0.25 miles FF	<0.1 miles FF
Number of obese students	366.275	384.300	383.048	400.746
<i>School Characteristics</i>				
School qualified for title 1 funding	0.397	0.411	0.406	0.436
Number of students	1566.184	1663.978	1663.624	1715.707
Student teacher ratio	22.393	22.841	22.668	22.857
Share black students	0.084	0.093	0.093	0.086
Share asian students	0.107	0.117	0.118	0.116
Share hispanic students	0.380	0.409	0.416	0.436
Share native american students	0.014	0.010	0.010	0.012
Share immigrant students	0.034	0.029	0.030	0.033
Share female students	0.475	0.477	0.477	0.490
Share eligible for free lunch	0.290	0.306	0.313	0.311
Share eligible for subsidised lunch	0.063	0.064	0.063	0.063
FTE teachers per student	0.048	0.047	0.047	0.047
Average test scores for 9th grade	56.255	54.964	54.737	52.291
Test score information missing	0.024	0.020	0.022	0.016
<i>School District Characteristics</i>				
Students teacher ratio	20.897	21.095	20.911	21.092
Share immigrant students	0.028	0.025	0.025	0.028
Share non-English speaking students	0.206	0.224	0.225	0.222
Share IEP students	0.126	0.125	0.132	0.120
Staff student ratio	0.102	0.099	0.102	0.095
Share diploma recipients	0.086	0.084	0.082	0.091
Share diploma recipients missing	0.004	0.004	0.008	0.000
<i>Census Demographics</i>				
Median household income in 1999	48596.074	45686.657	44183.090	44691.683
Median earnings in 1999 for popn $\geq 16$ with earnings	25674.202	24668.101	24271.405	23942.224
Average household size for all occupied housing units	2.967	2.932	2.840	2.881
Median contract rent (dollars) for specified renter occupied housing	743.736	741.186	734.136	706.286
Median gross rent (dollars) for specified renter occupied housing	835.741	825.461	812.538	781.927
Median Value for all Owner Occupied Housing Units	202783.236	199823.654	199834.384	195244.011
Percent of the population that is white	0.629	0.597	0.591	0.578
Percent of the population that is black	0.056	0.062	0.064	0.053
Percent of the population that is asian	0.090	0.099	0.098	0.110
Percent of the population that is male	0.491	0.489	0.487	0.494
Percent of the population 15+ never married	0.289	0.310	0.320	0.314
Percent of the population 15+ married (spouse present or absent)	0.546	0.519	0.505	0.513
Percent of the population divorced	0.103	0.107	0.111	0.107
Percent of popn 25+ with just a high school diploma	0.220	0.219	0.219	0.220
Percent of popn 25+ with some college, no degree	0.235	0.226	0.223	0.219
Percent of popn 25+ with Associate's degree	0.072	0.069	0.071	0.072
Percent of popn 25+ with Bachelor's degree	0.150	0.149	0.151	0.139
Percent of popn 25+ with Graduate degree	0.078	0.076	0.077	0.069
Percent of popn 16+ in labor force	0.616	0.618	0.619	0.617
Percent of popn 16+ in labor force that is unemployed	0.083	0.085	0.088	0.079
Percent of households with income under 10k	0.092	0.099	0.106	0.101
Percent of households with income over 200k	0.026	0.022	0.020	0.020
Percent of households with wage or salary income	0.782	0.784	0.784	0.789
Percent of housing units occupied	0.946	0.953	0.953	0.950
Percent of population in owner-occupied units	0.592	0.530	0.481	0.488
Percent of housing units considered urban	0.912	0.974	0.971	0.987
<i>Outcome Variable</i>				
Percent obese students	32.949	33.772	33.724	35.733

Notes: This table lists all the controls used for the school regressions, with the exception of year and school fixed effects.

Table 2: Summary Statistics for California School Data

	Percent of ninth graders that are obese			
	(1)	(2)	(3)	(4)
Fast food within 0.10 miles	3.081* (1.607)	1.737** (0.880)	6.270** (2.918)	6.334** (2.875)
Other restaurant within 0.10 miles	0.682 (1.031)	-0.631 (0.577)	1.026 (1.820)	1.003 (1.824)
Fast food within 0.25 miles	-2.486** (1.111)	-0.907* (0.548)	-1.830 (1.197)	-1.795 (1.210)
Other restaurant within 0.25 miles	2.142** (0.876)	0.041 (0.493)	0.262 (0.972)	0.037 (0.943)
Fast food within 0.5 miles	1.390* (0.822)	-0.045 (0.451)	-1.089 (1.109)	-0.831 (1.087)
Other restaurant within 0.5 miles	1.227 (0.841)	0.539 (0.493)	-0.397 (0.871)	-0.415 (0.816)
Implied cumulative effect to fast food restaurant within 0.1 miles (standard errors)	1.9852 1.509	.7854 .86	3.3519 3.037	3.7079 2.984
School FE			✓	✓
Year FE		✓		✓
Census Controls		✓		✓
School Controls		✓		✓
N	8373	8373	8373	8373
R2	0.021	0.417	0.644	0.651

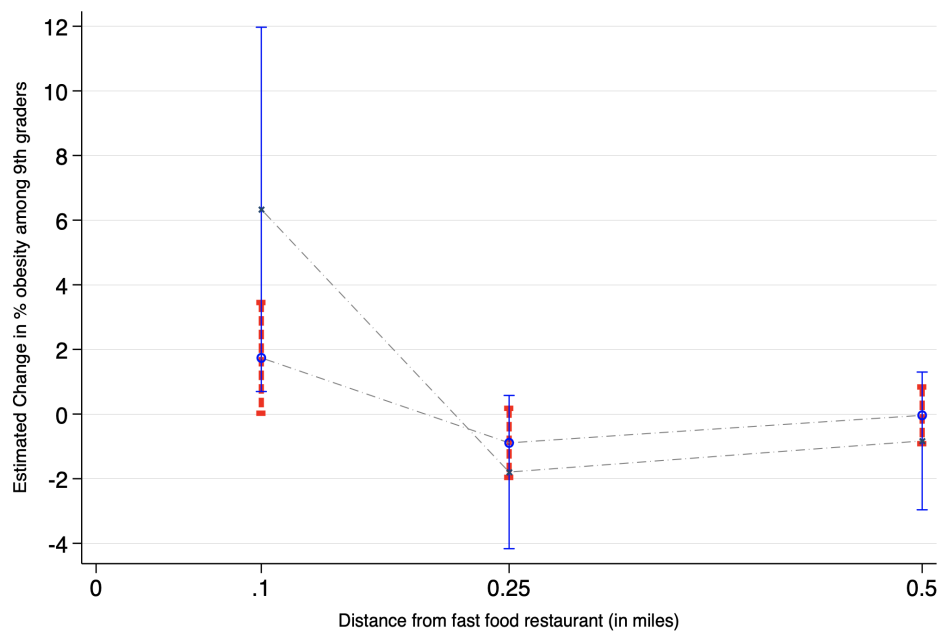
Notes: Each column is a different OLS regression. The regressions are weighted by the number of students. The dependent variable is the percentage of students in the ninth grade who are classified as obese. The mean of the dependent variable is 32.9494. The unit of observation is a school-grade-year for schools in California in 1999 and the period 2001 – 2007. Entries in rows 1, 3, and 5 are the coefficient on a dummy for the existence of a fast food restaurant at a given distance from the school. Entries in rows 2, 4, and 6 are coefficients on the dummy for the existence of a non-fast food restaurant at a given distance from the school. The implied cumulative effect reported in the table is the sum of the coefficients in rows 1, 3, and 5, and is the total effect of exposure to a fast food restaurant at 0.1 mile compared to no exposure to fast food restaurants within 0.5 miles. The school-level controls are from the Common Core of Data, with the addition of Star test scores for the ninth grade. The census block controls are from the closest block to the address of the school. Table 1A lists the school and census block controls. Standard errors clustered by school are in parentheses.

\*\*\* Significant at the 1 percent level,

\*\* Significant at the 5 percent level,

\* Significant at the 10 percent level.

Figure 1: Impact of Fast Food on Obesity in Schools



Notes: The blue vertical bar represent the 95 % confidence interval using panel estimates; the red dashed vertical bar represent the 95 % confidence interval using cross-sectional estimates

Table 3: A table not easy to read

Percent of ninth graders that are obese				
	(1)	(2)	(3)	(4)
_Iyear_2001			0.206 (0.653)	-0.089 (0.664)
_Iyear_2002			3.355*** (0.717)	3.011*** (0.752)
ffood1	3.081* (1.607)	1.737** (0.880)	6.270** (2.918)	6.334** (2.875)
ffood2	-2.486** (1.111)	-0.907* (0.548)	-1.830 (1.197)	-1.795 (1.210)
ffood3	1.390* (0.822)	-0.045 (0.451)	-1.089 (1.109)	-0.831 (1.087)
_Iyear_2003			1.590** (0.652)	0.805 (0.711)
_Iyear_2004			1.711*** (0.653)	1.092 (0.722)
_Iyear_2005			2.141*** (0.674)	1.201 (0.766)
_Iyear_2006			1.042 (0.661)	-0.034 (0.795)
_Iyear_2007			0.117 (0.632)	-1.041 (0.777)
afood1	0.682 (1.031)	-0.631 (0.577)	1.026 (1.820)	1.003 (1.824)
afood2	2.142** (0.876)	0.041 (0.493)	0.262 (0.972)	0.037 (0.943)
afood3	1.227 (0.841)	0.539 (0.493)	-0.397 (0.871)	-0.415 (0.816)
Observations	8373	8373	8373	8373

Notes: To be added.