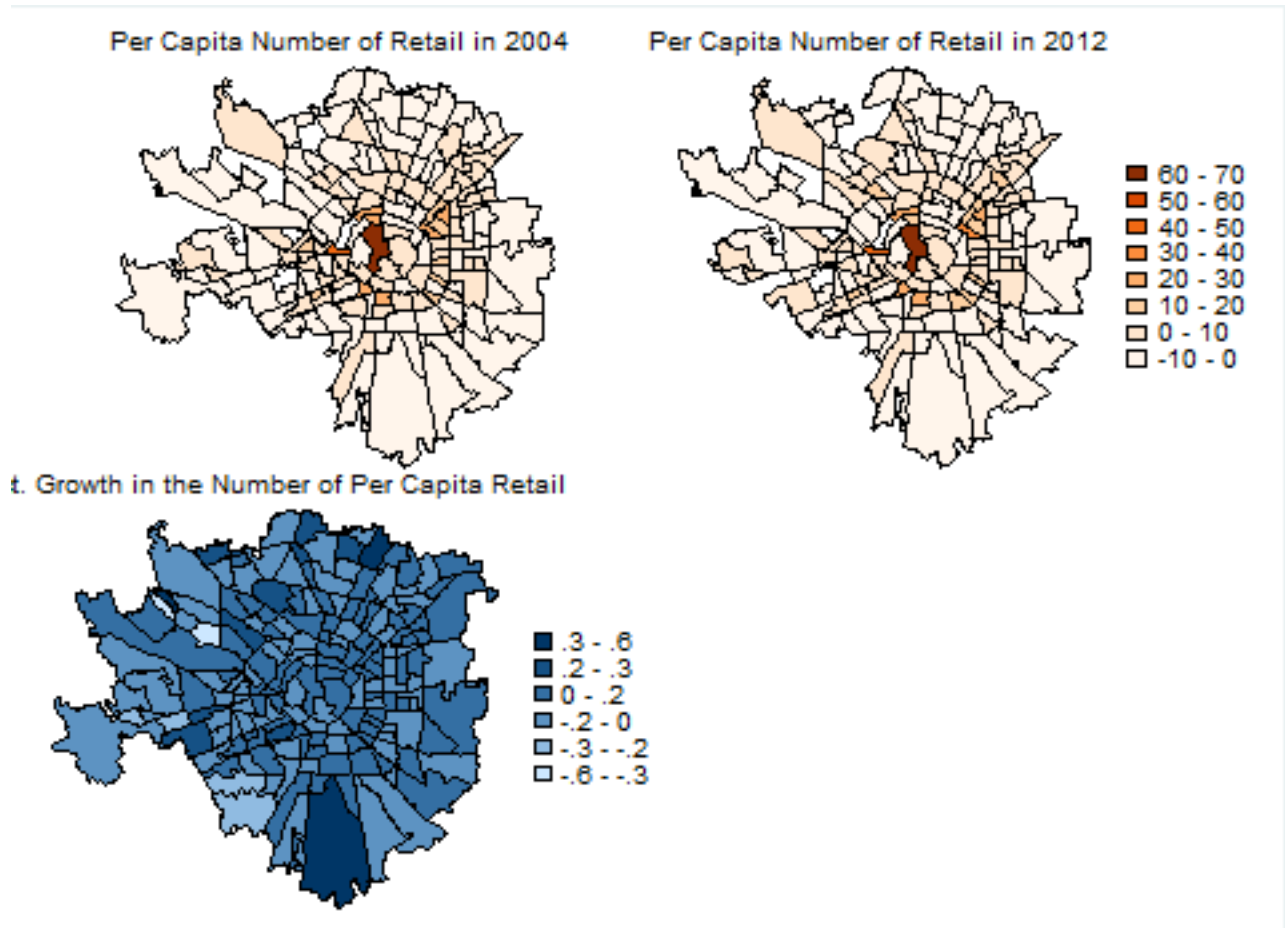


ONLINE APPENDIX

The Agglomeration of Urban Amenities: Evidence from Milan Restaurants

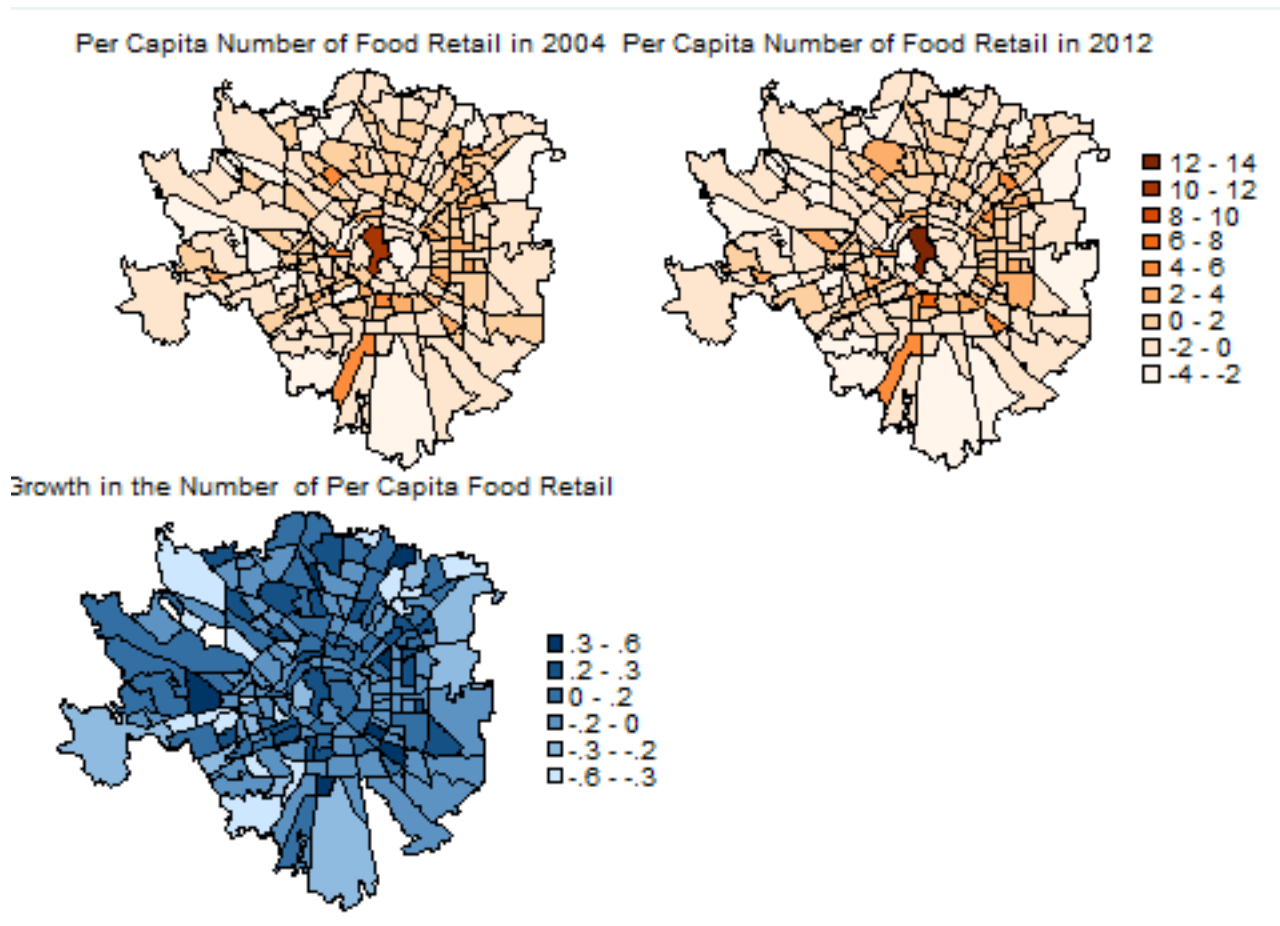
Marco Leonardi and Enrico Moretti

Figure 1: Per-capita Number of Retail Establishments by Neighborhood in 2004 and 2012 (Relative to City Average) and Percent Change between 2004 and 2012



Note: The map shows the per capita number of retail establishment in each neighborhood in 2004 and 2012, relative to the city average, and the percent growth 2004-2012. There are 180 neighborhoods.

Figure 2: Per-Capita Number of Food Retail by Neighborhood in 2004 and 2012 (Relative to City Average) and Percent Change between 2004 and 2012



Note: The map shows the per capita number of food retail establishment in each neighborhood in 2004 and 2012, relative to the city average, and the percent growth 2004-2012. There are 180 neighborhoods.

Table 1: Descriptive Statistics

	N (1)	Mean (2)	Std. Dev. (3)
Before the Reform: Years 2000-2004			
Per capita number of restaurants (per 1000 of people) 2000-2004	180	3.92	2.14
Per capita number of retail establishments (per 1000 of people) 2000-2004	180	14.99	8.96
Per capita number food retail establishments (per 1000 of people) 2000-2004	180	3.40	1.63
Daytime population in 2001	180	8361.57	8179.20
Mean House Price in 2004 (Euro/sq meter)	180	2590.24	730.88
Mean Commercial Price in 2004 (Euro/sq meter)	180	2066.94	801.73
Neighborhood has a Michelin Restaurant in 2004	180	0.25	0.44
Neighborhood Has a Subway Stop in 2004	180	0.33	0.47
Neighborhood has a College or University in 2004	180	0.02	0.16
Neigh. has a Significant Tourist Attraction in 2004	180	0.01	0.12
Mean Price of a Restaurant Meal in 2004 (Euro)	140	33.15	10.42
Mean Consumer Food Quality Rating in 2004	140	6.96	0.57
Share of Ethnic Restaurants in 2004	180	0.05	0.06
After the Reform: Years 2006-2012			
Per capita number of restaurants (per 1000 of people) 2006-2012	180	4.26	2.47
Per capita number of retail establishments (per 1000 of people) 2006-2012	180	16.13	9.82
Per capita number food retail establishments (per 1000 of people) 2006-2012	180	3.43	1.79
Mean Price of a Restaurant Meal in 2012 (Euro)	139	38.31	10.77
Mean Consumer Food Quality Rating in 2012	139	6.92	0.52
Share of Ethnic Restaurants in 2012	180	0.11	0.09

Notes: The unit of analysis is a neighborhood. Means for the period 2000-2004 are taken over the years 2000, 2002 and 2004. Means for the period 2006-2012 are taken over the years 2006, 2008, 2010 and 2012.

Table 2: Changes in Three Measures of Spatial Dispersion of Restaurants, Retail Establishments and Food Retail Establishments

	Std Dev (1)	p75-p25 (2)	p90-p10 (3)
Restaurants			
Change 2000-2004	0.029 (0.029)	-0.182 (0.156)	-0.022 (0.153)
Change 2004-2012	0.579*** (0.094)	0.767*** (0.193)	1.129*** (0.441)
(Change 2004-2012) - (Change 2000-2004)	0.549*** (0.093)	0.950*** (0.276)	1.150*** (0.462)
Retail			
Change 2000-2004	1.209* (0.695)	0.411 (0.594)	-0.319 (0.674)
Change 2004-2012	0.382* (0.231)	-0.483 (0.517)	1.292 (0.894)
(Change 2004-2012) - (Change 2000-2004)	-0.827 (0.520)	-0.893 (0.900)	1.610 (1.273)
Food Retail			
Change 2000-2004	0.159 (0.130)	-0.066 (0.148)	-0.042 (0.252)
Change 2004-2012	0.216*** (0.103)	0.305 (0.210)	0.090 (0.296)
(Change 2004-2012) - (Change 2000-2004)	0.057 (0.090)	0.370 (0.273)	0.132 (0.424)

Notes: The unit of analysis is a neighborhood. There are 180 neighborhoods. Bootstrapped standard errors (200 replications) in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$