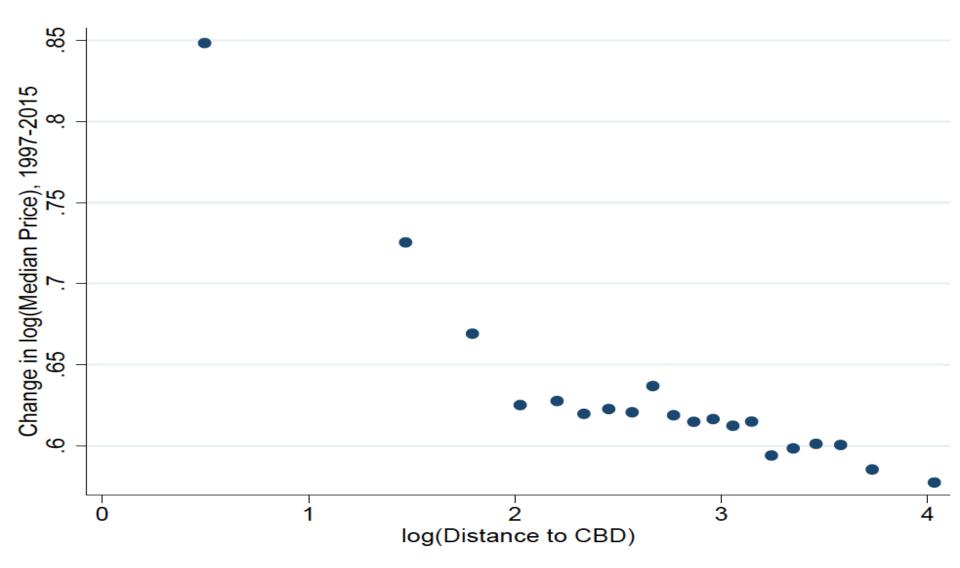
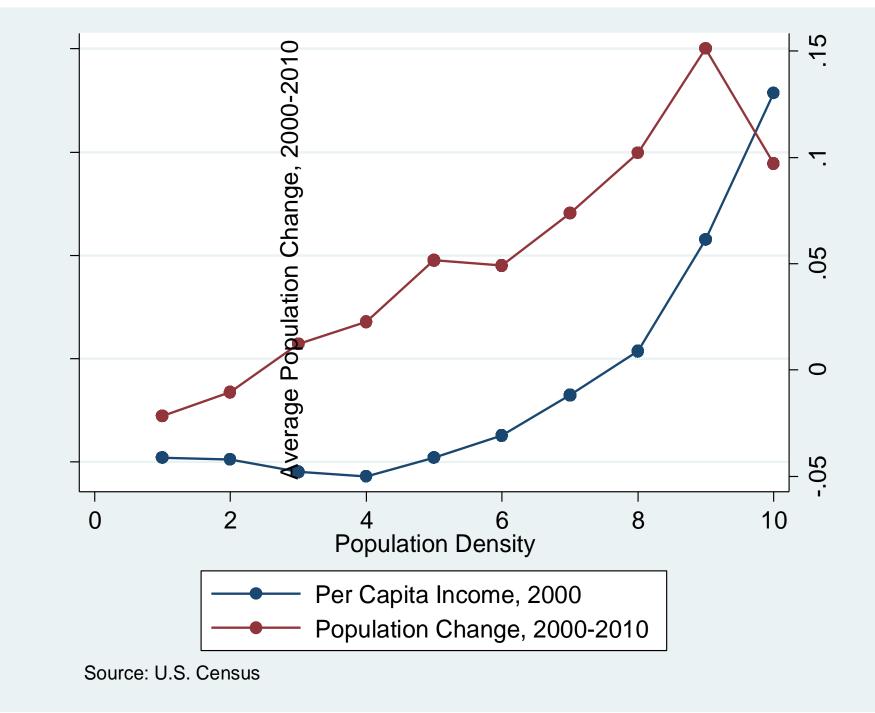
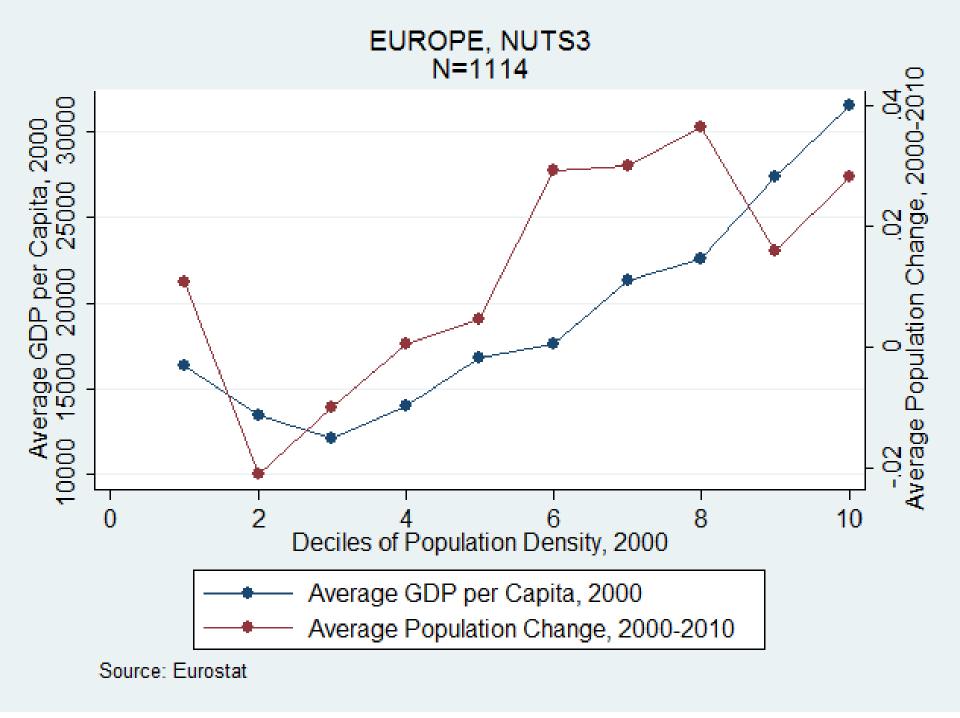


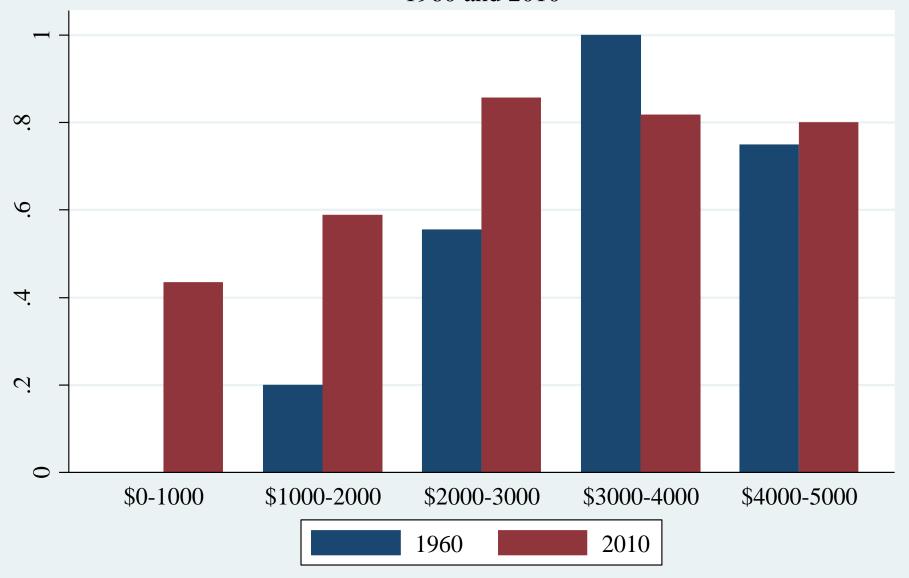
The Great Pro-City Price Tilt (U.S.)





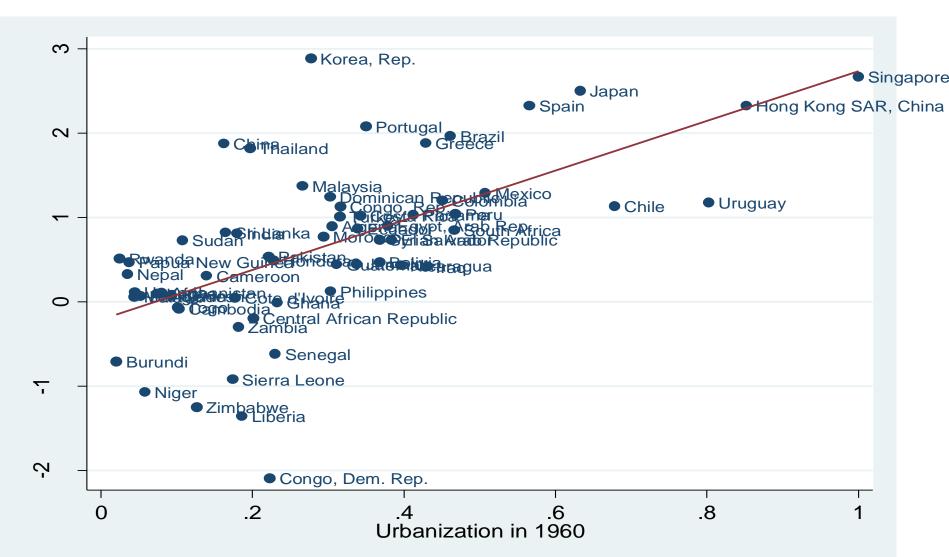


Share of Countries over 1/3 Urbanized, by GDP per Capita (2012 \$) 1960 and 2010

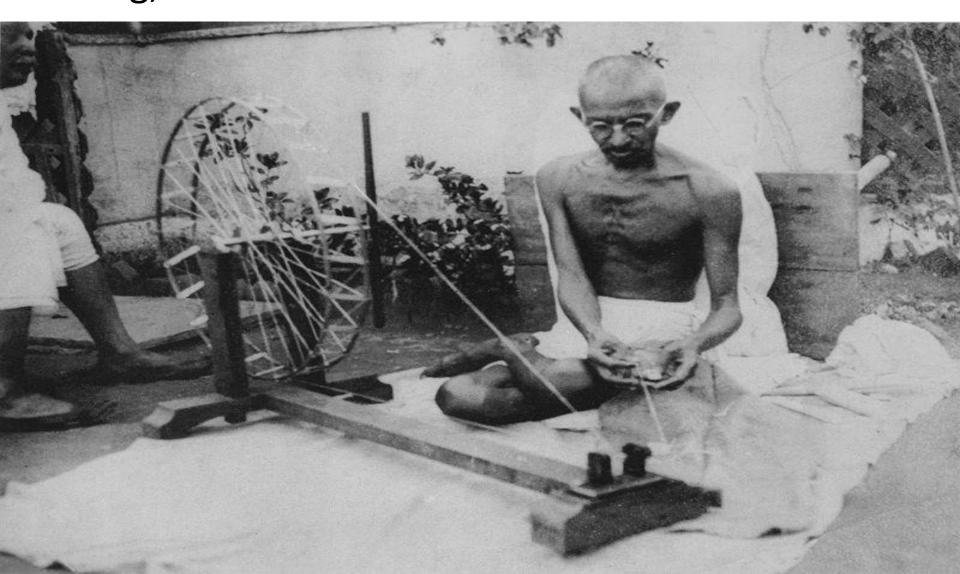


Source: World Bank

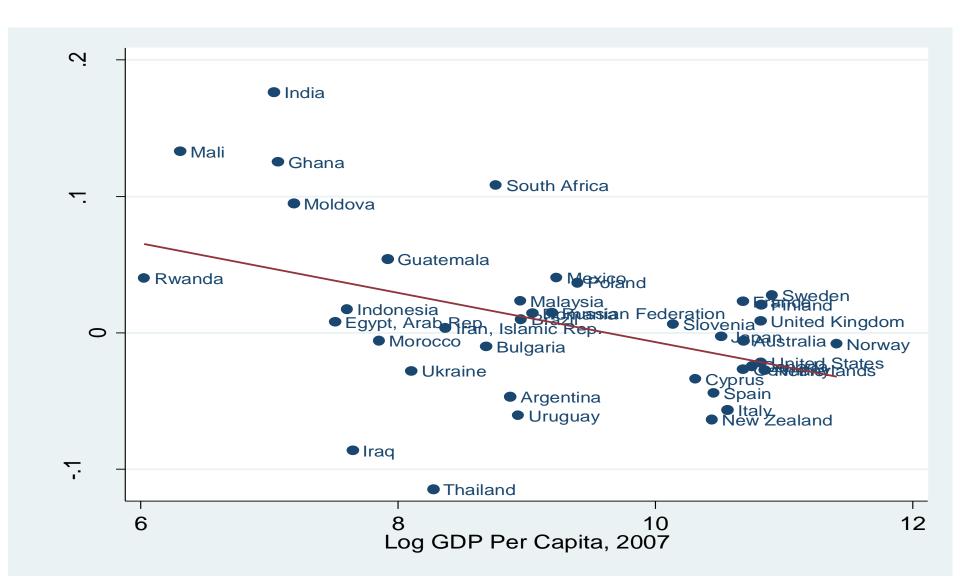
Per Capita GDP Growth 1960-2010 (Poor Countries<\$5000 PC GDP)



"I regard the growth of cities as an evil thing, unfortunate for mankind and the world"



Urban-Rural Differences in Happiness





FORD TO CITY: DROP DEAD

Vows He'll Veto Any Bail-Out



Abe, Carey Rip Stand

Stocks Skid, Dow Down 12

APRIEL.

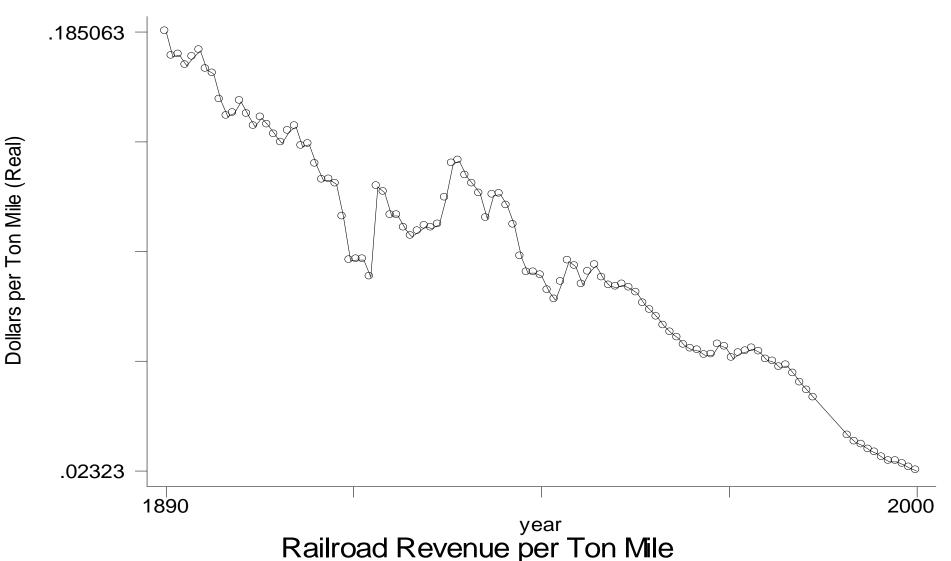
Cities are so monumental that we easily forget how fast they can fall—and rise. In the 1970s, New York verged on bankruptcy; President Ford refused to bail it out (left), and President Carter toured the grim ruins of the South Bronx (above). Three decades before these iconic images, Gotham had been an urban paragon, and three decades after them, it is again.

[Art 1:] New York Daily News Archive / Getty Images
[Art 2:] Teresa Zabala / The New York Times / Redux Pictures

Liverpool in the 1980s

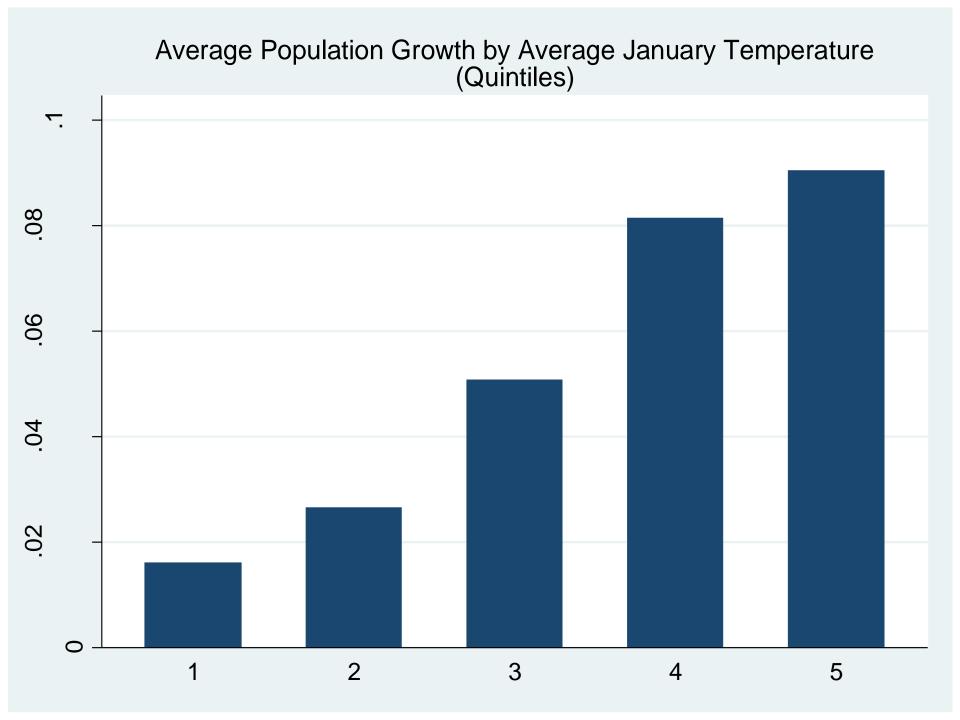


Urban Deindustrialization and the Decline of the Costs of Moving Goods

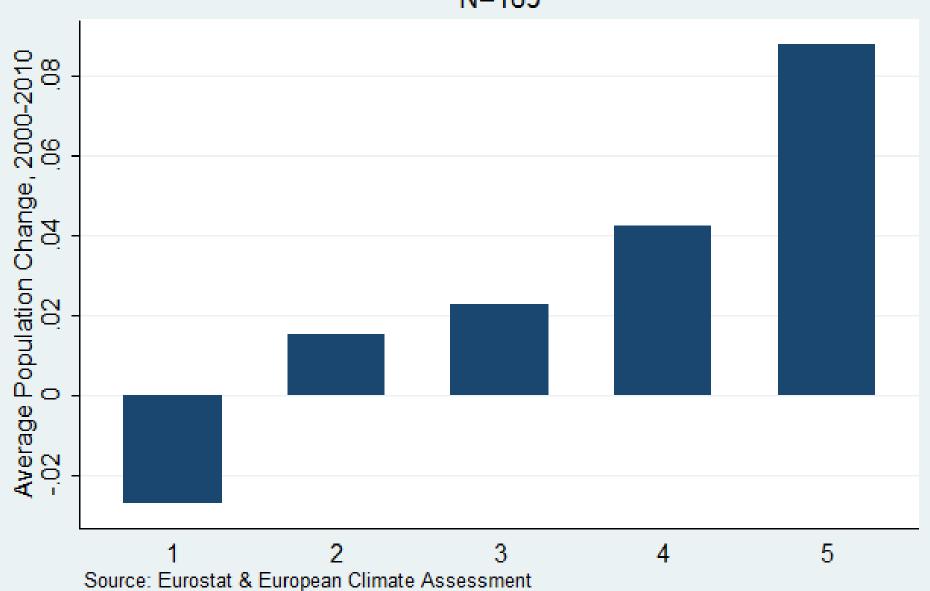


Sprawl in the New World and Old





Population Growth over Quintiles of January Temperature EUROPE, NUTS3 N=169



Detroit tried to reverse its decline with foolish investments like its People Mover, which here glides over essentially empty streets.

Dennis MacDonald/ World of Stock

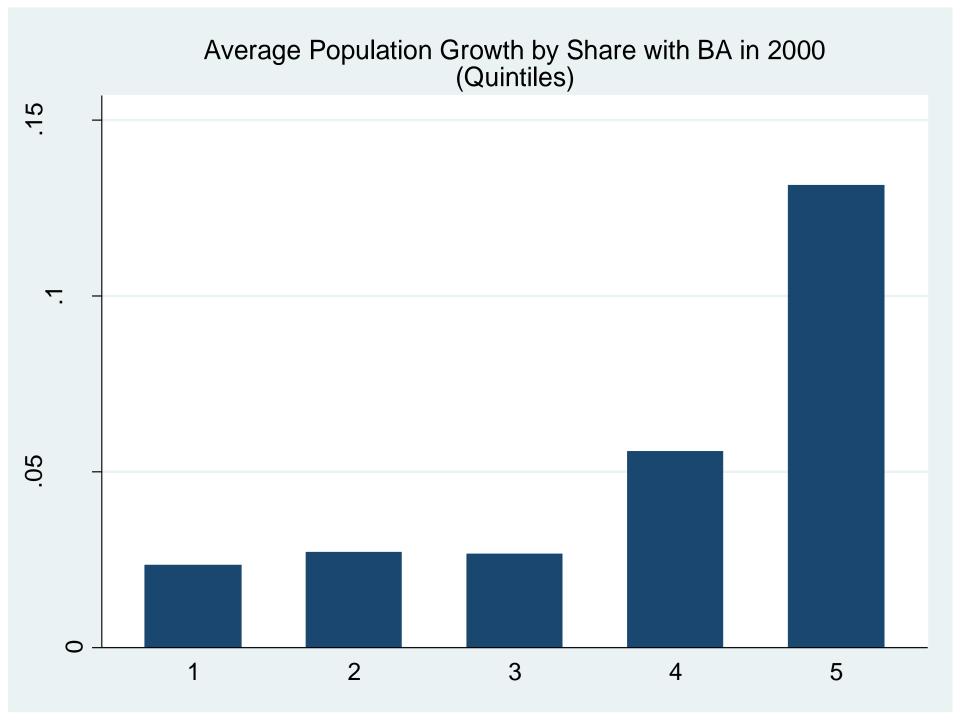


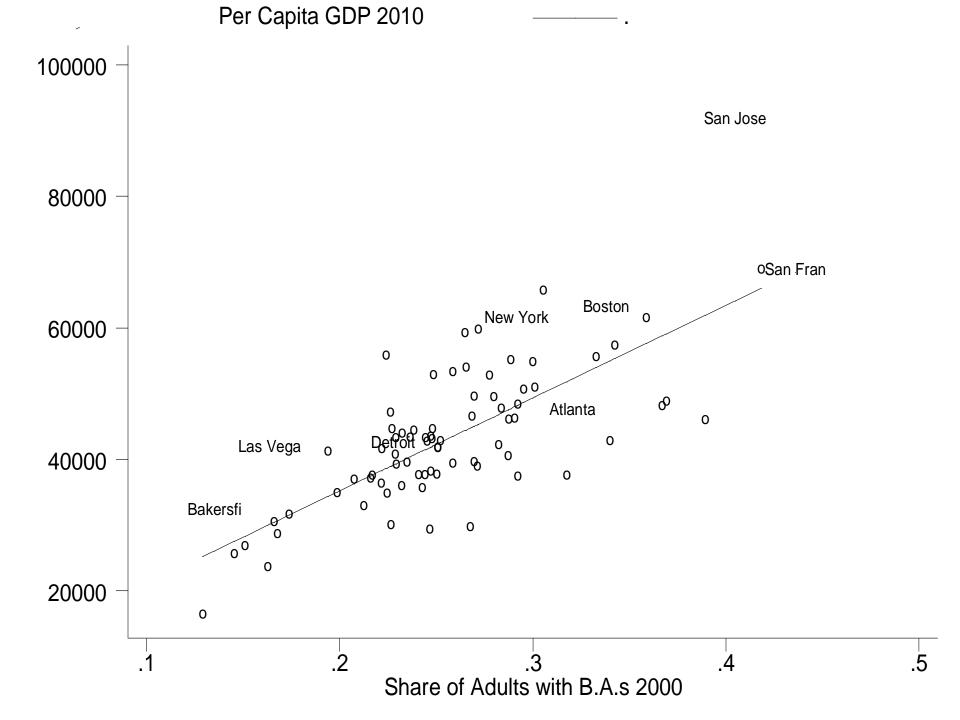
Will the last person to leave Seattle (and Milan) please turn out the lights?



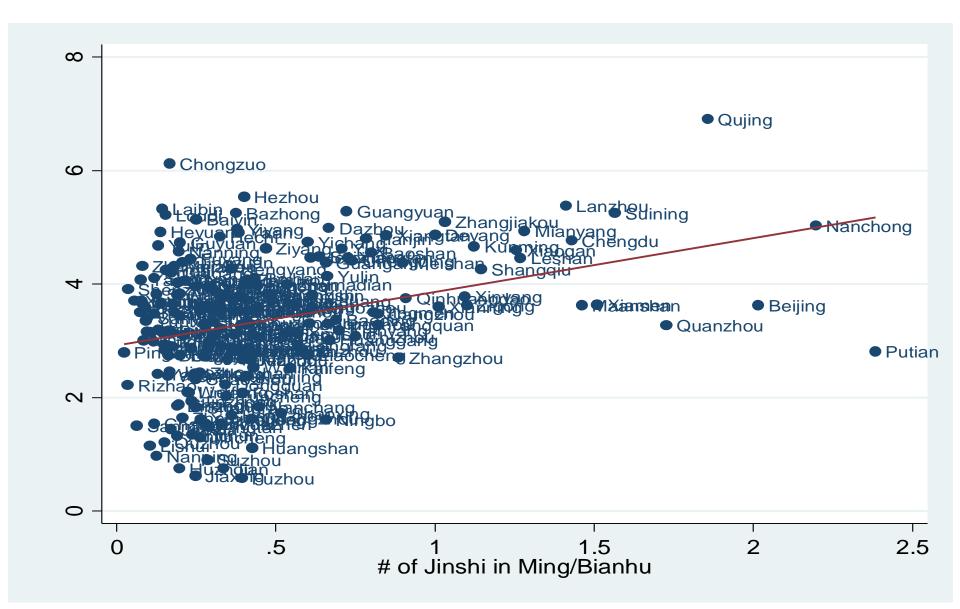
Photo by Postdil

Artist's Impression by Daniel Libeskind Studio





Joint with Yueran Ma



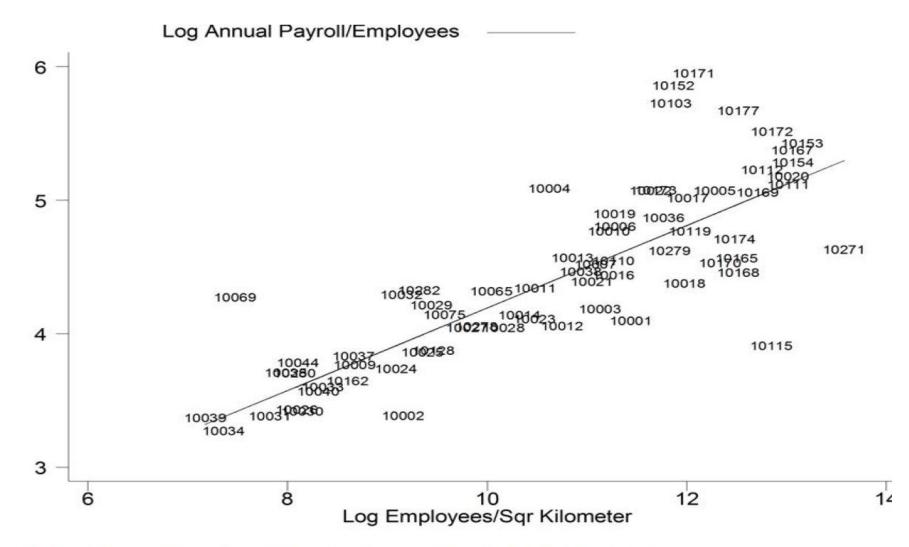
Wall-less City Hall and The GooglePlex





Photo by Runner1928

Density and Income in Manhattan



ure 1: Per Capita Payroll and Density Across New York City Zip Codes

Technology and the City



Photo by Bernard Gagnon

The Sharing Economy: Zipcar

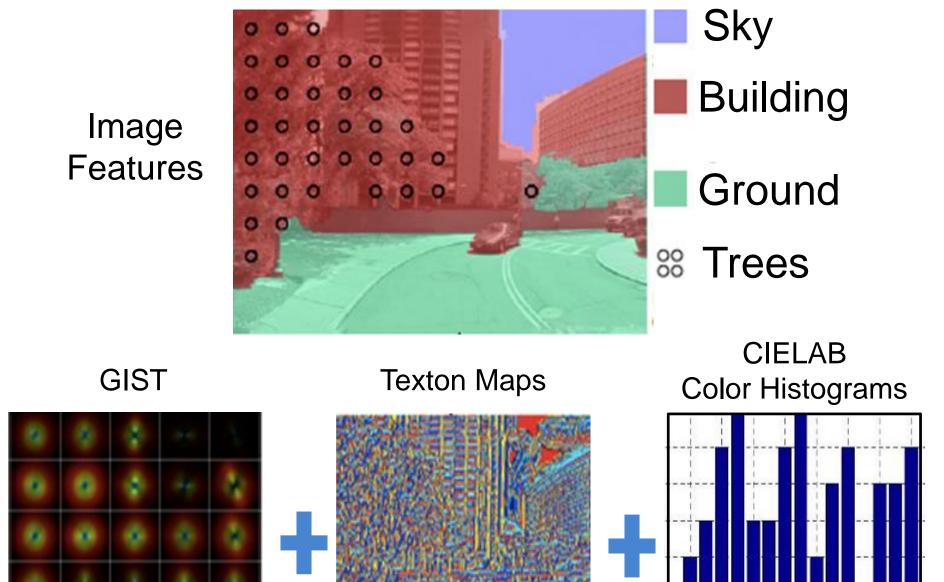


Which place looks safer?



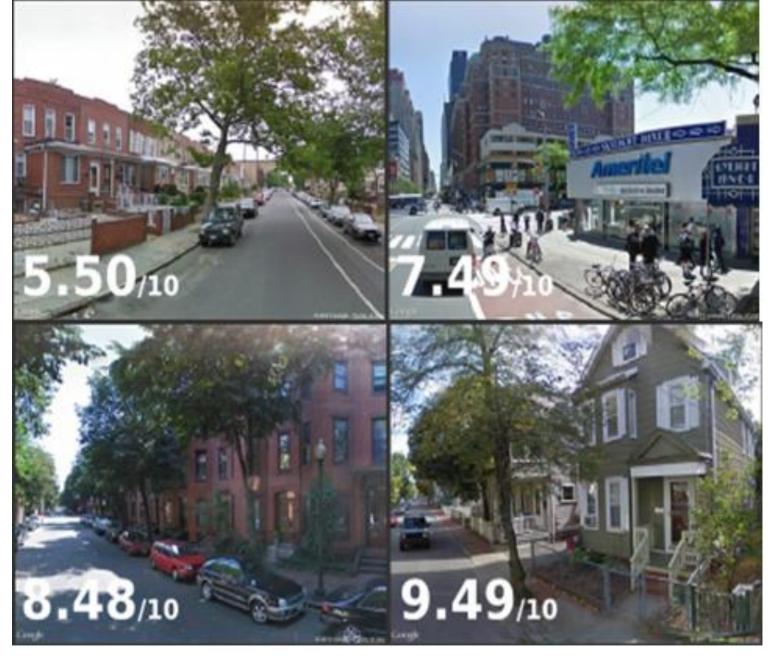
pulse.media.mit.edu
Salesses, Schechtner, and Hidalgo (2013)

Crowdsourced urban appearance survey





Example Images – Low Streetscore



Example Images – High Streetscore





Change in Streetscore is a proxy for more general change in the built environment



The Human Capital Agglomeration Theory

Glaeser et al. (1995, 2009), Ciccone and Hall (1996), Bettencourt (2013)

	Coefficients for Streetchange 2007-2014			
Independent Variables	(4)	(5)	(6)	
Share College Education 2000	0.657*** (0.106)		0.703*** (0.105)	
Log Population Density 2000	,	0.056*** (0.020)	0.084*** (0.024)	
Streetscore 2007	0.027*** (0.010)	0.033** (0.014)	0.013 (0.012)	

***p < 0.01, **p < 0.05, *p < 0.1

Population Density and College Education are strongest predictors of future growth in neighborhoods

Controlling for race, income, age, housing costs etc.

"Invasion" Theory

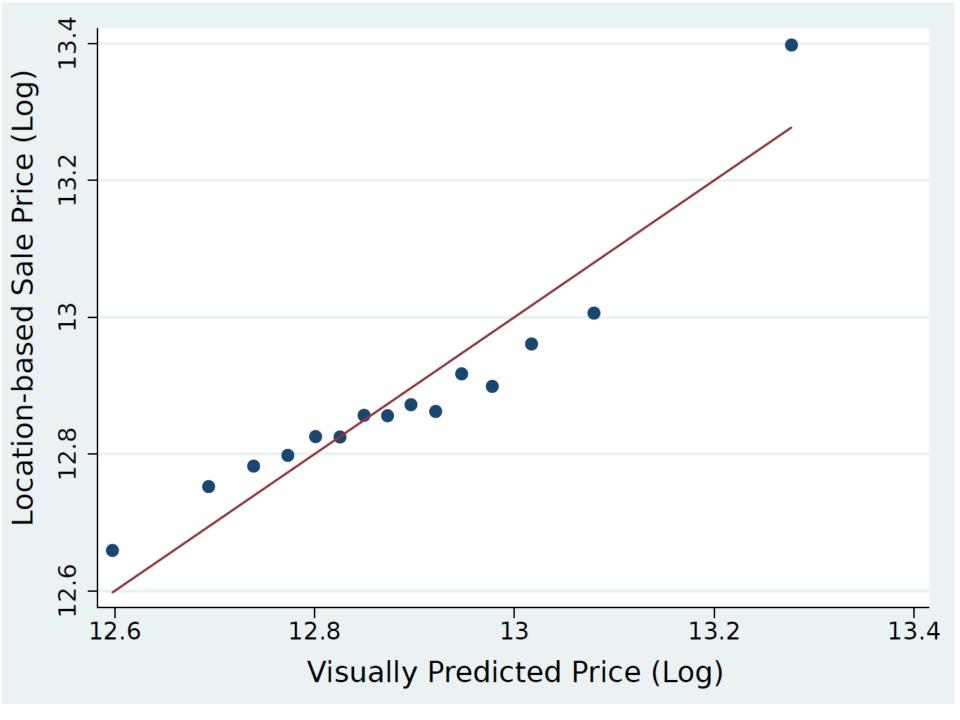
Burgess (1925)

	Coefficients for Streetchange 2007-2014				
Independent Variables	(1)	(2)	(3)	(4)	
Distance to CBD	-0.042***	-0.050***	-0.051***	-0.036***	
	(0.011)	(0.011)	(0.011)	(0.011)	
Adjacent Streetscore 2007	0.063***			0.049**	
	(0.019)			(0.019)	
Adjacent Log Population Density 2000		0.115**		0.093**	
		(0.046)		(0.046)	
Adjacent Share College Education 2000			0.620***	0.626***	
			(0.167)	(0.172)	

Neighborhoods are more likely to improve when they are close to downtown and/or other neighborhoods perceived as safe

Predicting Property Prices from Imagery





Facts about Visually Predicted Price

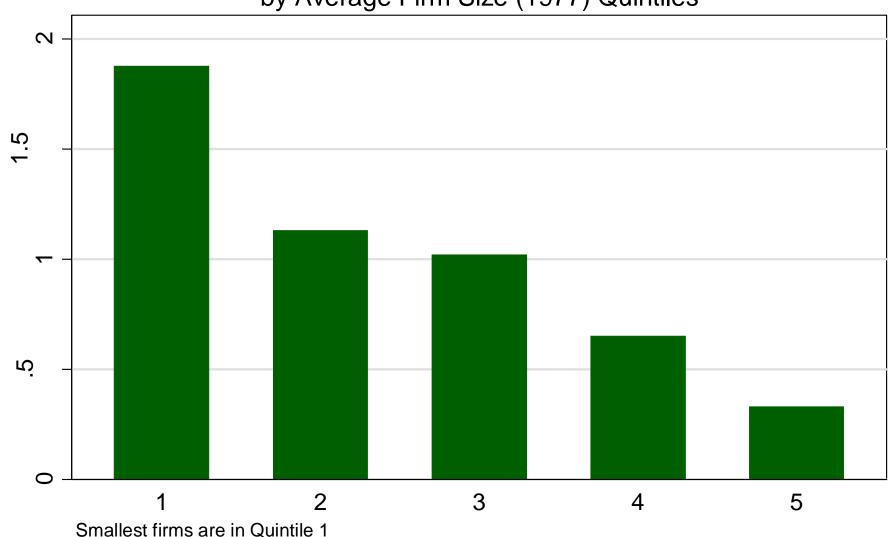
- Neighbor's appearance is almost as important as the home's appearance to value (.7).
- Neighboring homes on the same street are more important than homes on different streets.
- Homes that remodel experience a 4 percent increase in visually predicted value.
- Homes that experience foreclosure see their visually predicted value drop by 3 percent.
- There is no impact of resale or ownership on changes in visually predicted price.

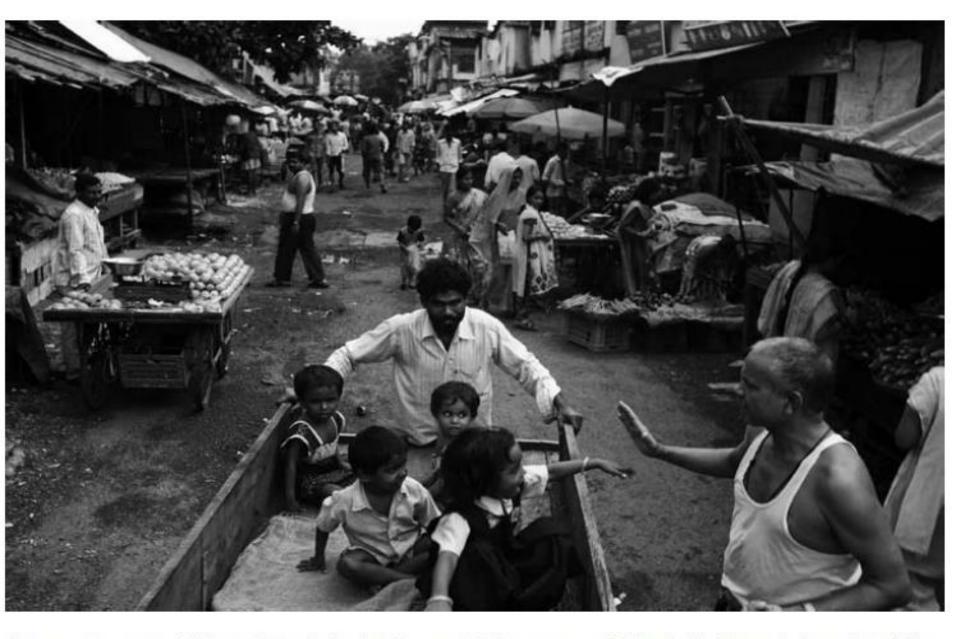
Chinitz: Contrasts in Agglomeration: New York and Pittsburgh



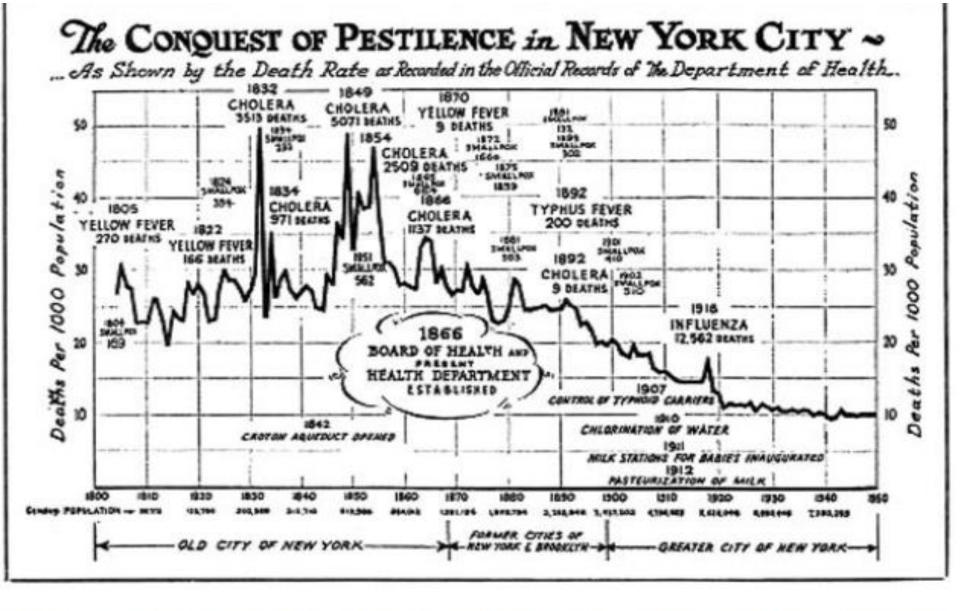
Economic Growth and Firm Size

MSA Employment Growth (1977-2010) by Average Firm Size (1977) Quintiles





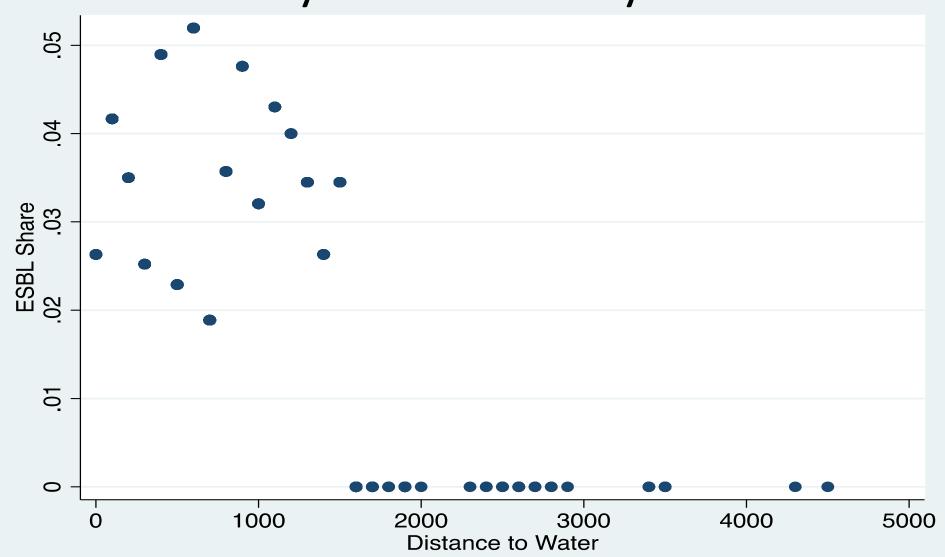
A man transports children through the bustle—and fetid streets—of Mumbai's Dharavi slum. Conditions like this are similar to those that faced many residents of Paris, London, New York, and other large cities in the nineteenth century. Prashanth Vishwanathan / Bloomberg / Getty Images



New York City's Department of Health shows the timeline of the city's mortality rate, which sharply dropped with the provision of clean water in the nineteenth century.

New York City Department of Health and Mental Hygiene

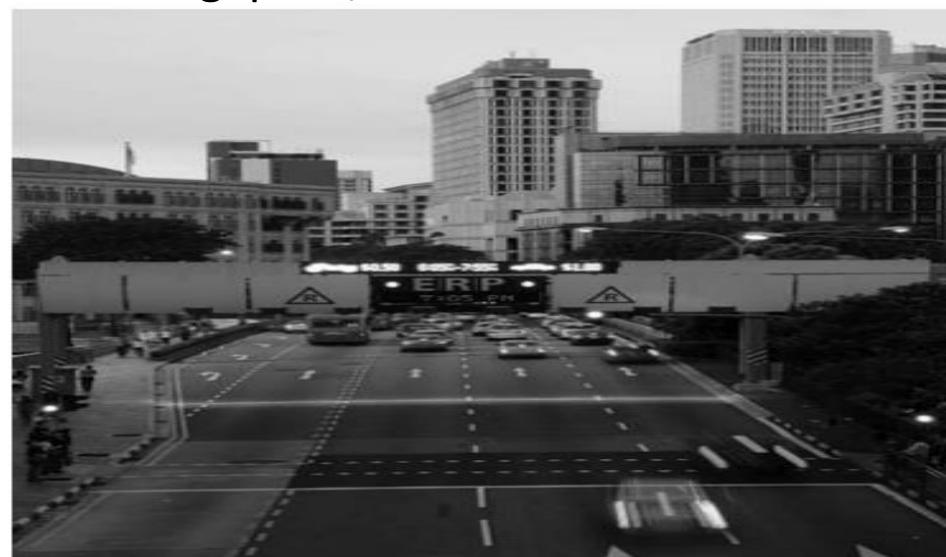
Antibiotic Resistant Disease and Proximity to Water in Hyderabad



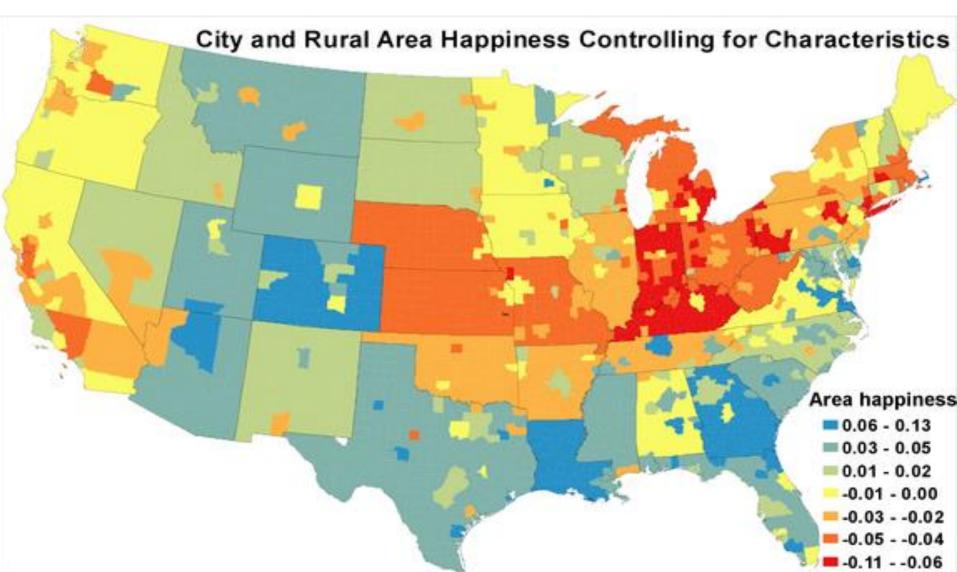
A Tale of Two Technologies: Governing and the Fate of Poorer Cities



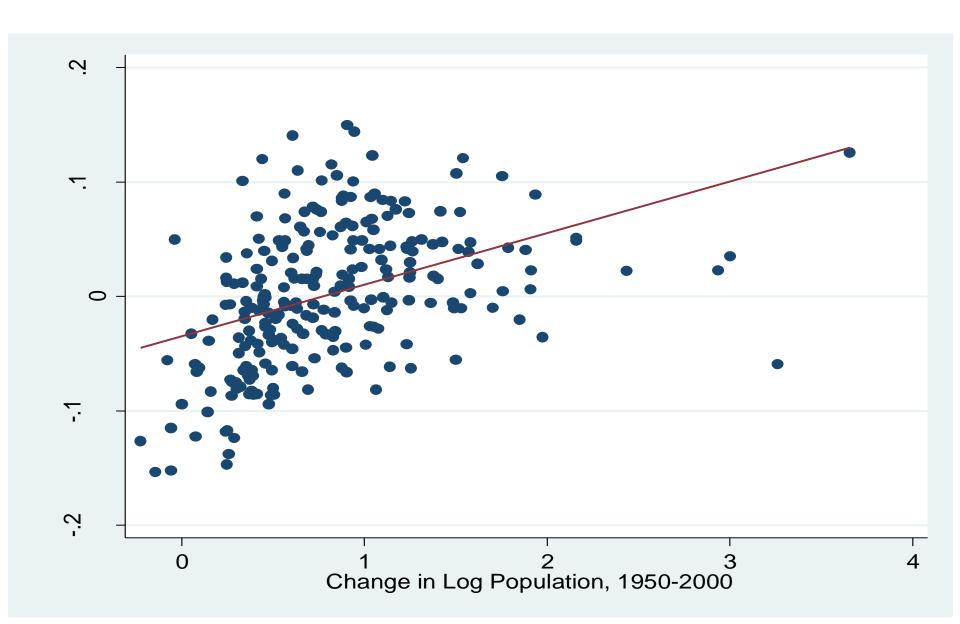
Engineering vs. Economics: Singapore, Stockholm and Oslo



Attract and Train Smart People and then get out of their way



Quality of Life: Economic Development



The Rise of the Consumer City



Skilled Sunbelt Superstars

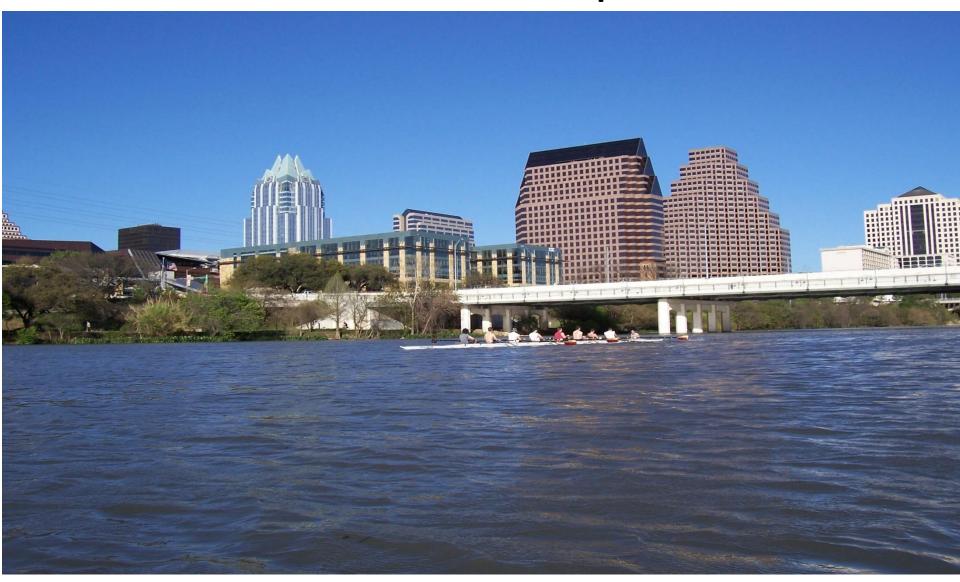
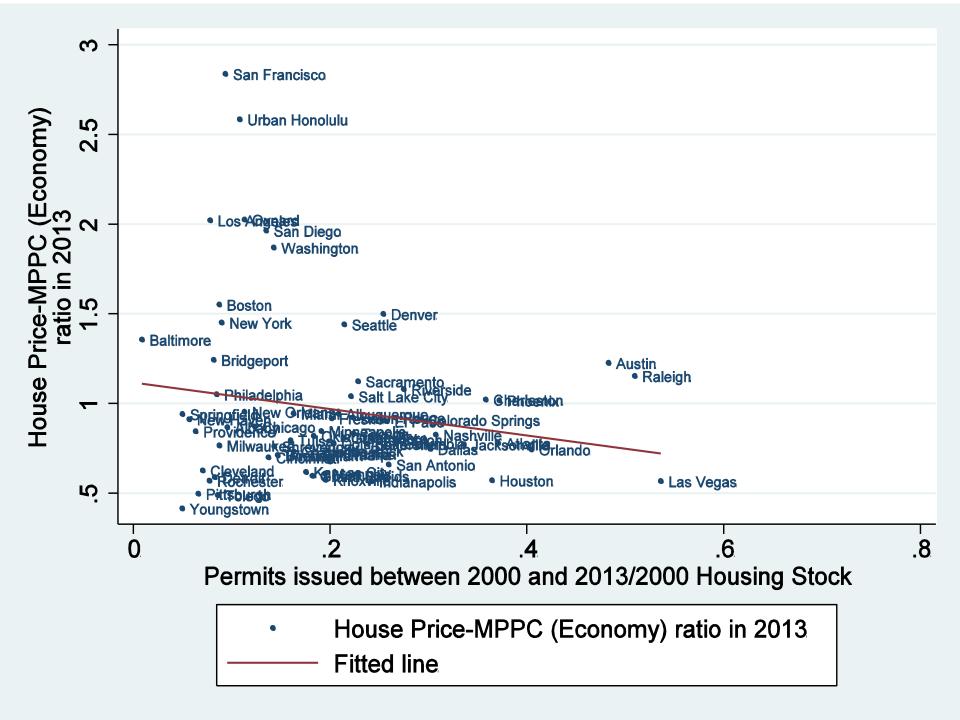


Photo by Arvindn



The Physical City: NIMBYism vs. Monumentalism



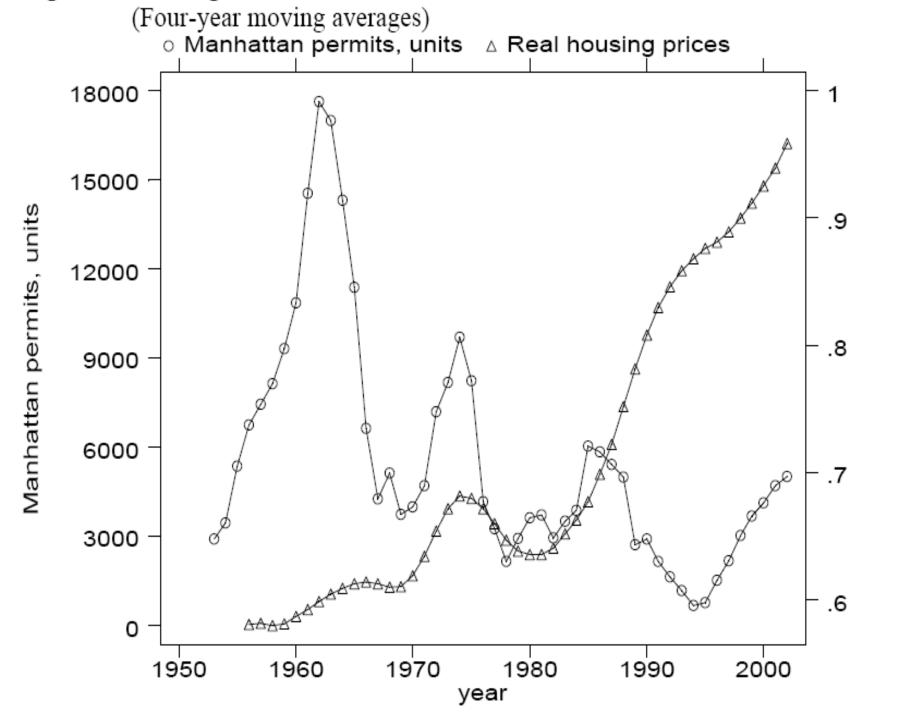
Mumbai has recently begun building up, but the city is still short, expensive, and congested because of decades of overrestricting height. Scott Eels / Bloomberg / Getty Images

Astana by ChelseaFunNumberOne

The great urbanist Jane Jacobs looks none too happy with the tall buildings surrounding her. She argued vigorously against such high-rises and in favor of a low-slung cityscape like that of New York's Greenwich Village. Her arguments have not all proven correct.

Bob Gomel/ Time & Life Pictures/Getty Images





Saiz, Geography and Regulations

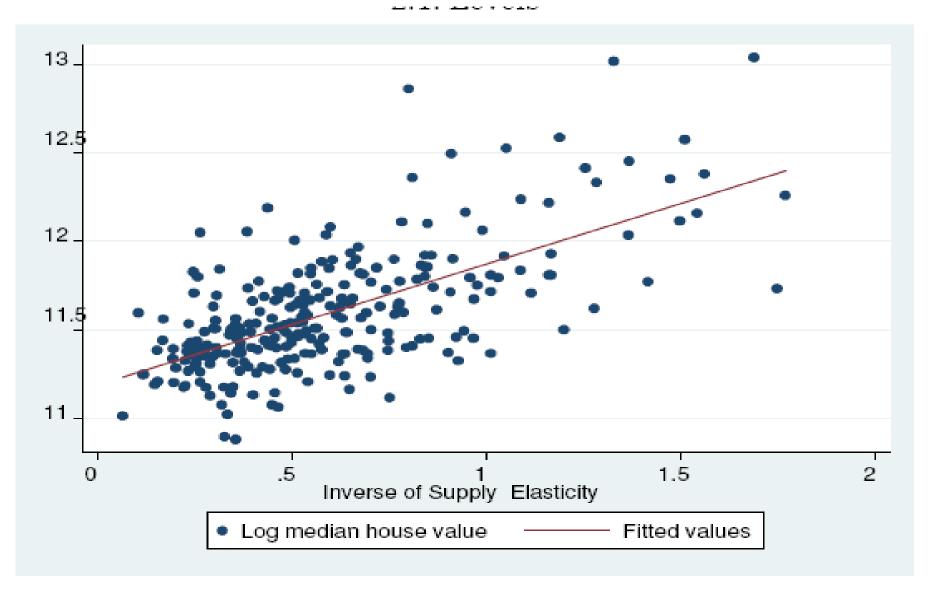


Figure 1: Price Growth by Tier: China and U.S.

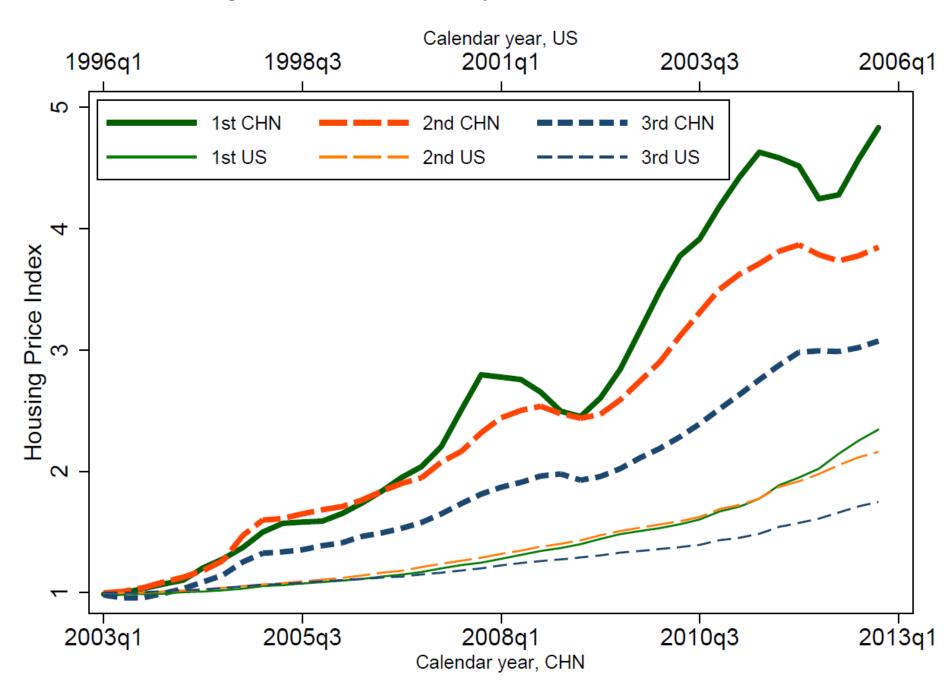


Figure 2b: Construction (dollar value) China and U.S.

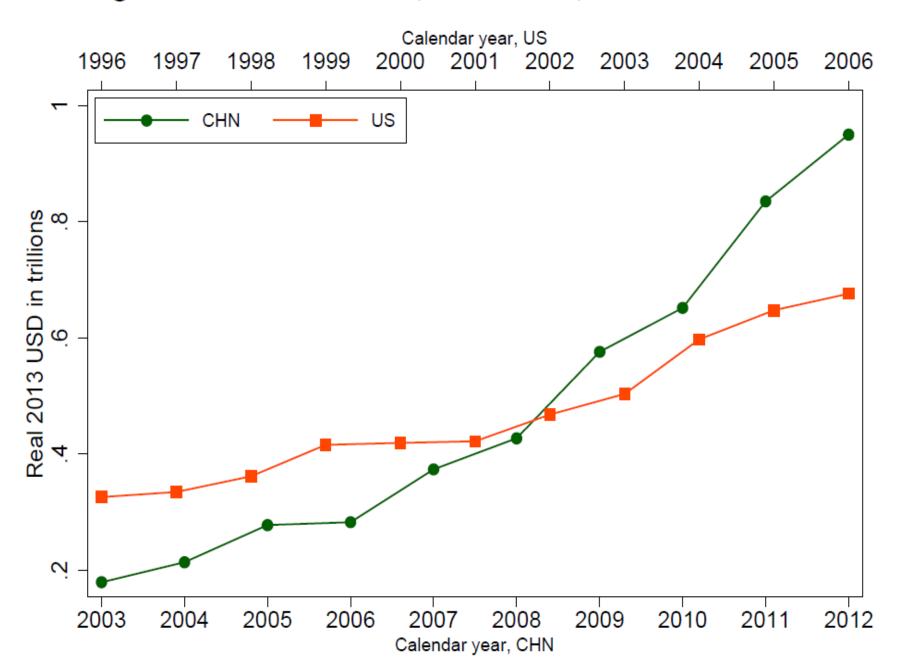
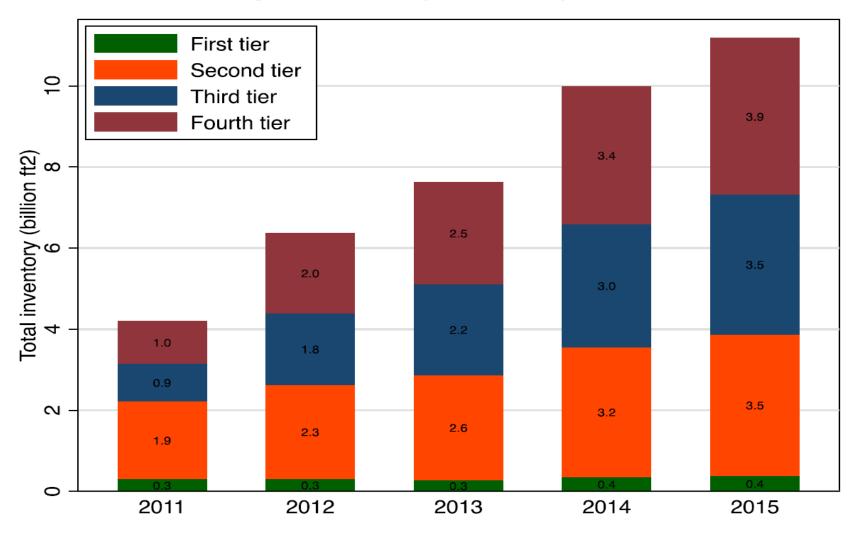
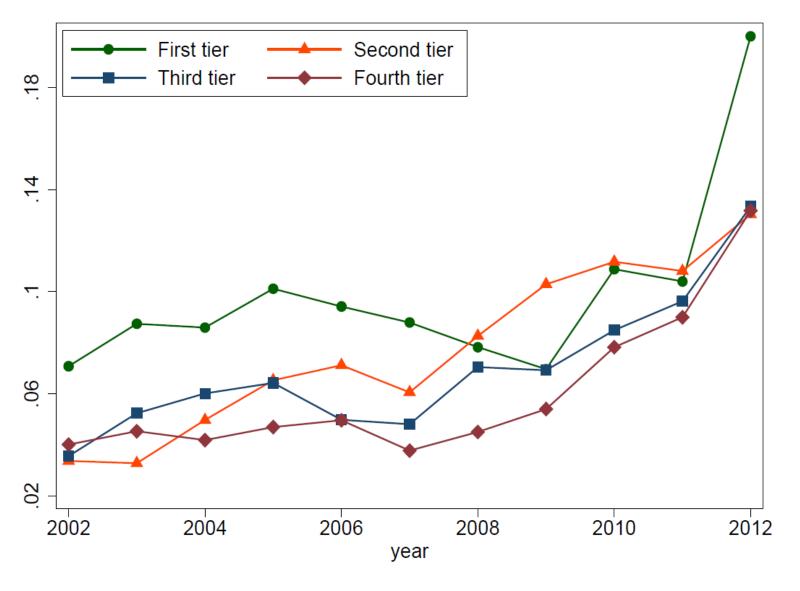


Figure 4: Inventory Estimates by Tier



Note: Developer inventory data is from local housing bureau (Fangguanju), and compiled by Soufun. Because the data does not cover all the cities, our estimates of inventory in each tier is based on inventory per capita by tier multiplied by urban population in each tier. We also assume the 4th tier cities have the same inventory per capita as the 3rd tier cities. In total, the estimates are based on 262 prefecture level cities: 4 cities in the first tier, 34 in the second tier and 84 in the third and 140 in the fourth.

Figure 5: Vacancy Rates 2002-2012 Urban Housing Survey (36 Cities)



Note: Data from China Urban Household Survey. We keep the 36 cities with observations throughout 2002-2012. City tiers are based on Fang et al. (2015).

Figure 6b: Second Tier

