

***Vulnerability, mobility, and accessibility in
two European cities.
The case of the unemployed and
precarious workers in Milan and Lyon***

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Introduction

1. Space-time changes in social organizations
2. Mobility as a key resource that enables participation in contemporary societies
3. Issue of mobility-related social exclusion
4. Inability to move seen as a key explanation of inaccessibility and exclusion

Focus: relationship between Vulnerability, Mobility and Exclusion

- Problematic relationship between opportunities and constraints, which hinders the satisfaction of needs (Fullin 2002: 553)

Vulnerability

- Vulnerable groups are less mobile and “motile” (Orfeuil 2004; Le Breton 2005; Fol 2009)

Immobility

Self-reinforcing process

Exclusion

- Process by which people are prevented from participating in the economic, political and social life of a society (Kenyon *et al.* 2002: 210-211)

(In)accessibility

- (In)ability to reach and engage in activities and opportunities (Farrington & Farrington 2005:2)

Overview of Research

Aims: (1) to understand the role of vulnerability in influencing accessibility to opportunities; and (2) to capture the role of mobility in mediating the relationship between vulnerability and accessibility

Stages:

- 1) Spatial analysis of Potential Access (i.e. Kernel Density estimation of opportunities available in the proximity)
- 2) Quanti-Qualitative Analysis of Potential for Mobility (i.e. needs, options, competences, conditions) and Actual Mobility and Access (i.e. modes of transports, activities, constraints, coping strategies)

Sample: 51 unemployed (n=20) or precarious workers (n=31) living in Milan (n=26) and Lyon (n=25)

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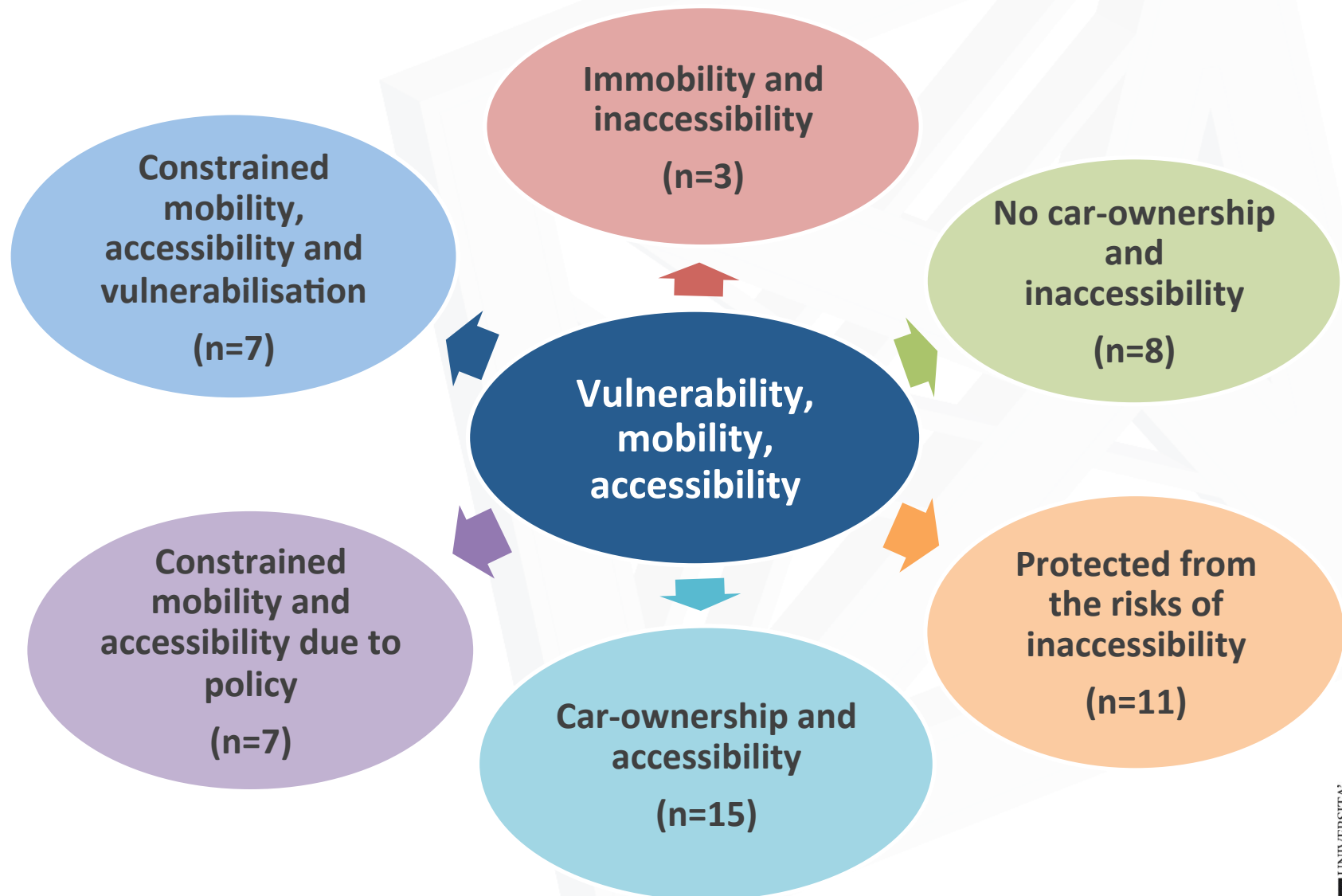


2014	Milan	Lyon
Pop.	3176180	1281971
Km2	1575	538
Hab./Km2	2015	2 382

Findings

1. Access to basic (i.e. pharmacy, physicians, supermarket, etc.) amenities is ensured
2. Vulnerability is strictly linked to mobility:
 - a) it implies a heightened need for mobility (i.e. car-dependent jobs, travel to cheaper goods, soup kitchen, etc.)
 - b) it constrains motility and mobility (i.e. lack of resources for mobility, no refund of work-related travel costs, forced car-ownership)
3. Although the mobility and access to opportunities are constrained by vulnerability, the respondents are in many cases mobile
4. Mobility is mostly linked to necessary activities
5. In Lyon wider protection of access and mobility ensured by policies than in Milan

Six different configurations



Group	Variable	State	n	Mean (SD)	Group	Variable	State	n	Mean (SD)
Immobile, inaccessibility	PA	Unemployed	3	0.34 (0.07)	Constrained mobility, accessibility due to policy	PA	Work Integration	7	0.40 (0.28)
	MO					MO			0.21 (0.39)
	AO					AO			0.31 (0.16)
	Employment		2			Employment		5	
	Sex		1			Sex		1	
			2					1	
	Age		1	54.00 (6.24)		Age		4	
			1					3	
	Educational level		1			Educational level		3	
			1					2	
Household composition	Upper secondary	1		Upper secondary	1				
	Lower secondary	1		Lower secondary	1				
	With others	2		Primary or less	1				
	Couple with children	1		Bachelor or master	1				
				Couple with children	3				
				Couple	1				
				Single parent	1				
				Single	1				
				With others	1				
	No car-ownership, inaccessibility	PA	Unemployed	8	0.38 (0.18)	Car-ownership, accessibility	PA	Precarious workers	15
MO					MO				0.91 (0.19)
AO					AO				0.33 (0.10)
Employment		6			Employment		8		
Sex		1			Sex		7		
		1					9		
Age		6		46.57 (8.43)	Age		6		
		2					6		
Educational level		4			Educational level		6		
		2					5		
Upper secondary		1			Upper secondary		4		
Lower secondary		1			Lower secondary		5		
Bachelor or master		3			Bachelor or master		4		
Primary or less		1			Couple		5		
Single		3			Couple with children		4		
Single parent	3		With others	4					
Household composition	1		Single parent	2					
	1								
Constrained mobility, accessibility, vulnerabilisation	PA	Precarious workers	7	0.31 (0.16)	Protected from the risks of inaccessibility	PA	Unemployed	11	0.53 (0.27)
	MO					MO			0.50 (0.32)
	AO					AO			0.44 (0.27)
	Employment		4			Employment		8	
	Sex		2			Sex		3	
			1					7	
	Age		4			Age		4	
			3	37.14 (6.84)				7	
	Educational level		4			Educational level		7	
			1					1	
	Upper secondary		1			Bachelor or master		1	
	Lower secondary		1			Primary or less		1	
	Bachelor or master		3			Lower secondary		1	
	Ph.D		1			Upper secondary		1	
	Couple		3			Ph.D		1	
Household composition	3		Couple	3					
	1		Couple with children	3					
			With others	3					
				2					

Conclusions

- Importance of mobility in influencing the possibilities of participation of individuals in relevant activities (especially employment)
- Vulnerability constrains the motility, mobility and access to opportunities and is related to a demand for mobility
- Need to revise the link between vulnerability, (im)mobility, and accessibility
- Inaccessibility to non-compulsory activities risks to reduce the potential of the urban life (Lefebvre 1970)

Thank you for your kind attention

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Interviews

No car-ownership and inaccessibility:

- And there is someone who refuses a job because of the distance, of the gas... And me, I travel for one hour and a half, I move, And I am still unemployed! [...] I do not understand that...

(I., Lyon, unemployed, woman, 49 years, PA=0.36, MO=0.00, AO=0.00)

Immobility and inaccessibility:

- Before I lived with my mother and my sister. Since my mom's death I live with my sister. [...] I do not go out, except for shopping and other errands. [...] I do not look for a job... In this period it's not worth it... I do odd jobs, if a person I know tells me...

(S., Milan, unemployed, man, 60 years, PA=0.41, MO=0.00, AO=0.17)

Mobility, accessibility and vulnerabilisation:

- Les conditions de travail qu'ils m'avaient proposé au début se sont pas révélées pas du tout la réalité de la suite. Du coup [...] moi je me suis investi beaucoup sur le plan personnel et financier [...] financièrement la location de la voiture c'était à mes frais, aucune indemnité et km remboursés... ça me coûte plus cher aujourd'hui travailler pour de gens comme ça que ce que ma rapporte [...] C'est un travail qui me coûte cher là!

(M., Lyon, precarious worker, woman, 43 years, PA=0.36, MO=1.00, AO=0.17)

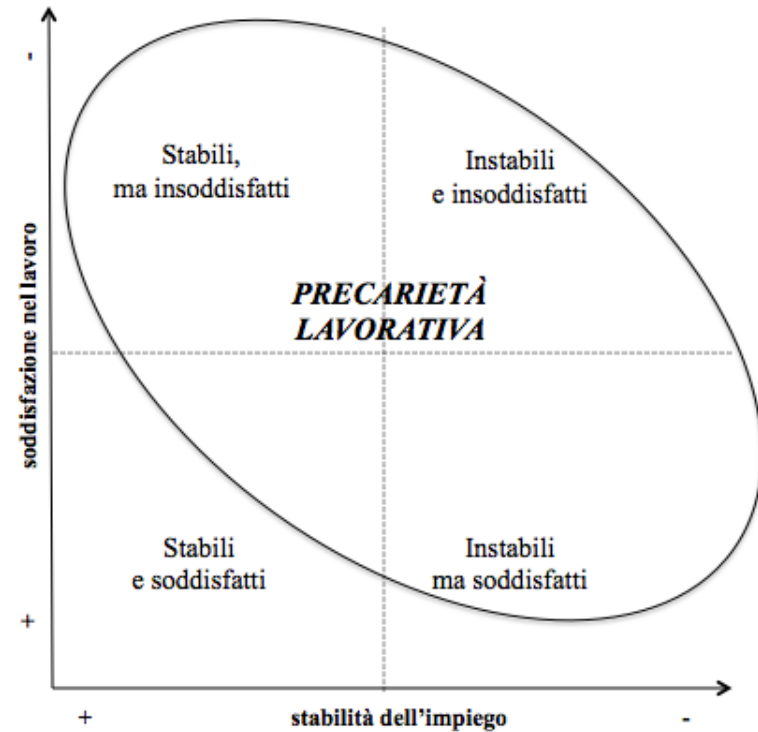
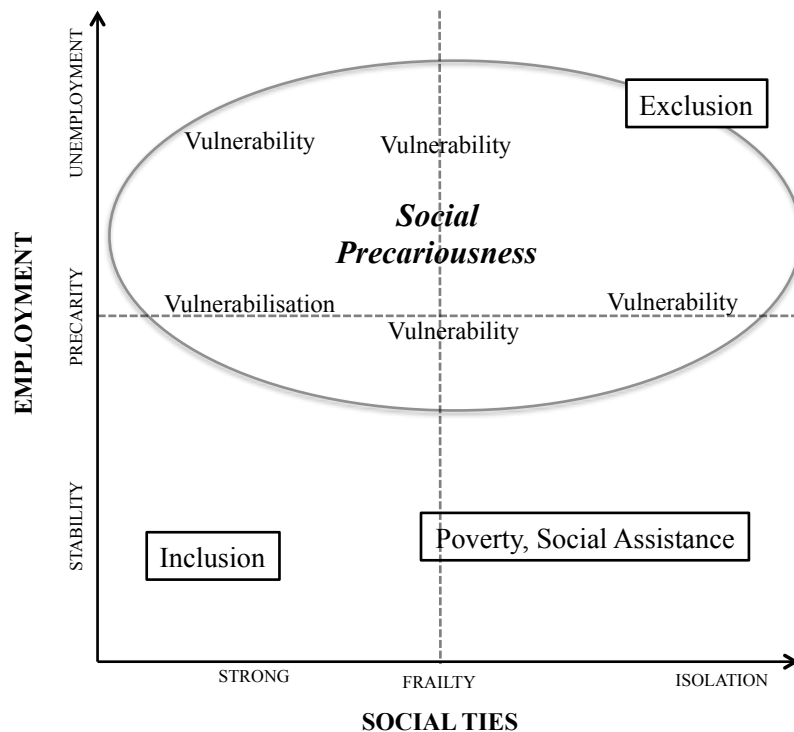
Mobility, accessibility and vulnerabilisation:

- Last week I stayed at Saint Fons [...] I work in the cleaning industry here, and all the workplaces are in the municipality. Also my family lives here. Now, I don't have, how do you say, the utility to move

(B., Lyon, work-integration, woman, 49 years, PA=0.15, MO=0.00, AO=0.11)

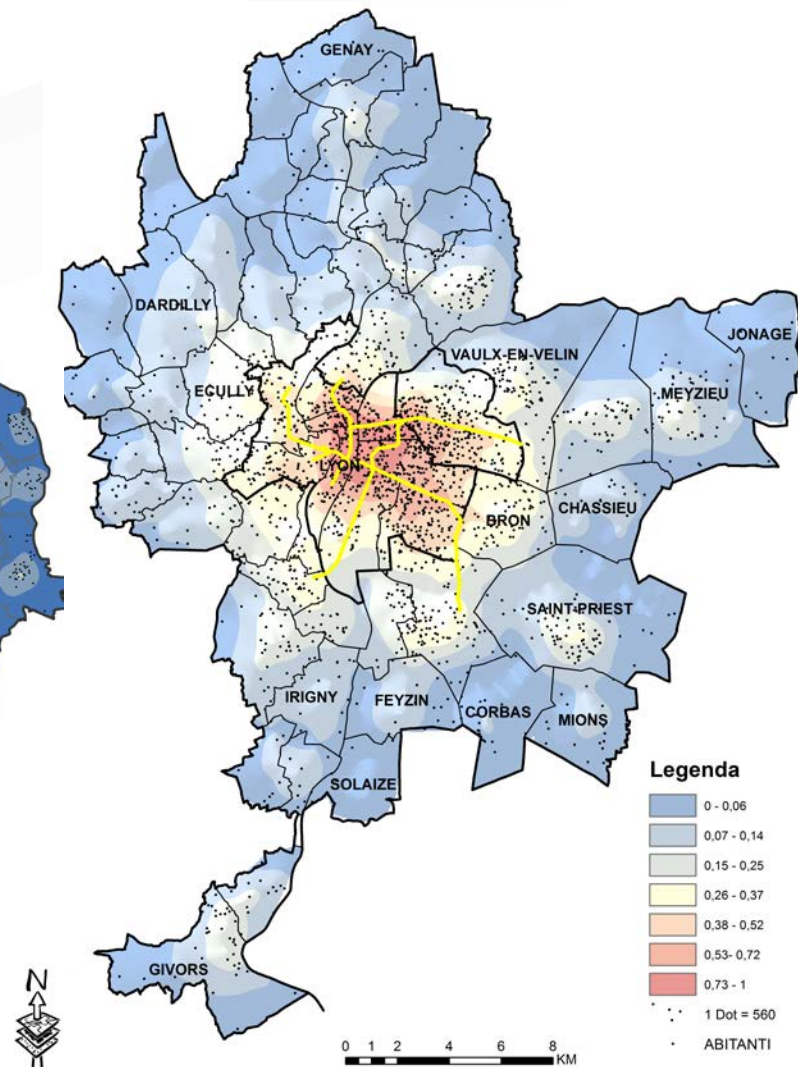
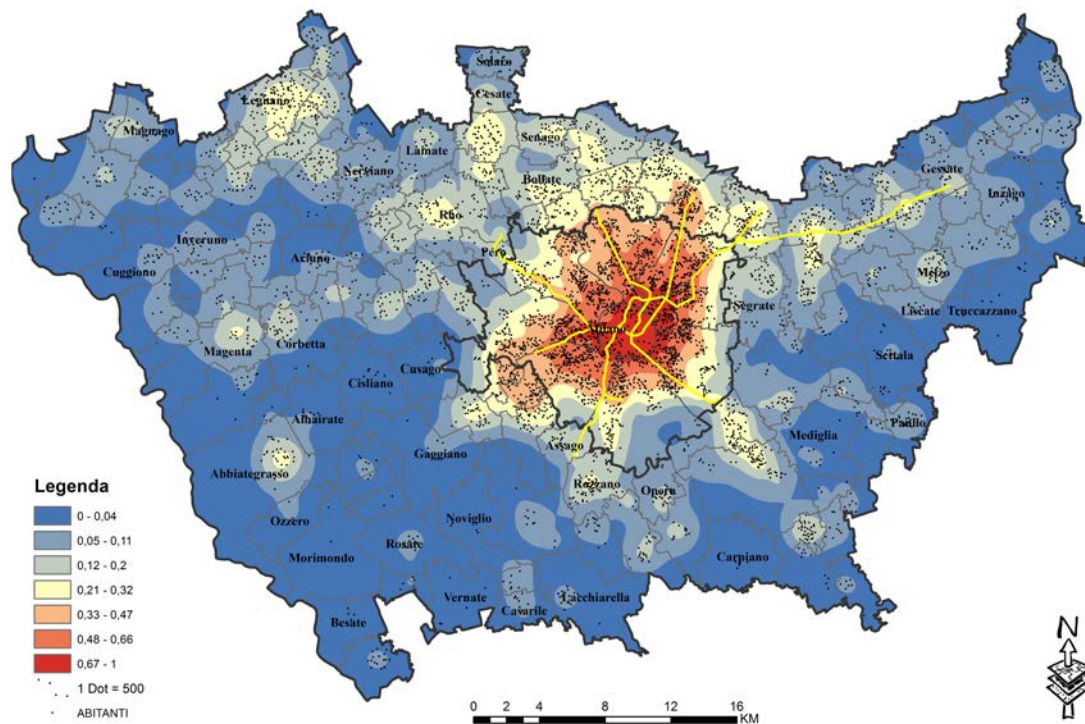
Vulnerability and Precarity

Castel, Robert; Paugam, Serge

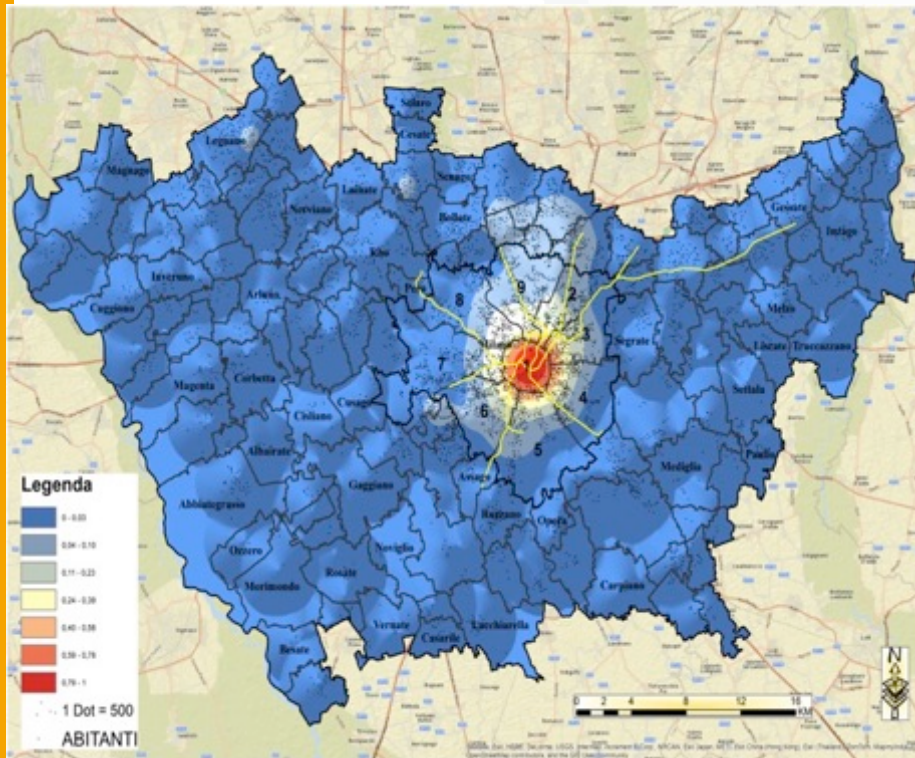


PA Index: opportunities and thresholds

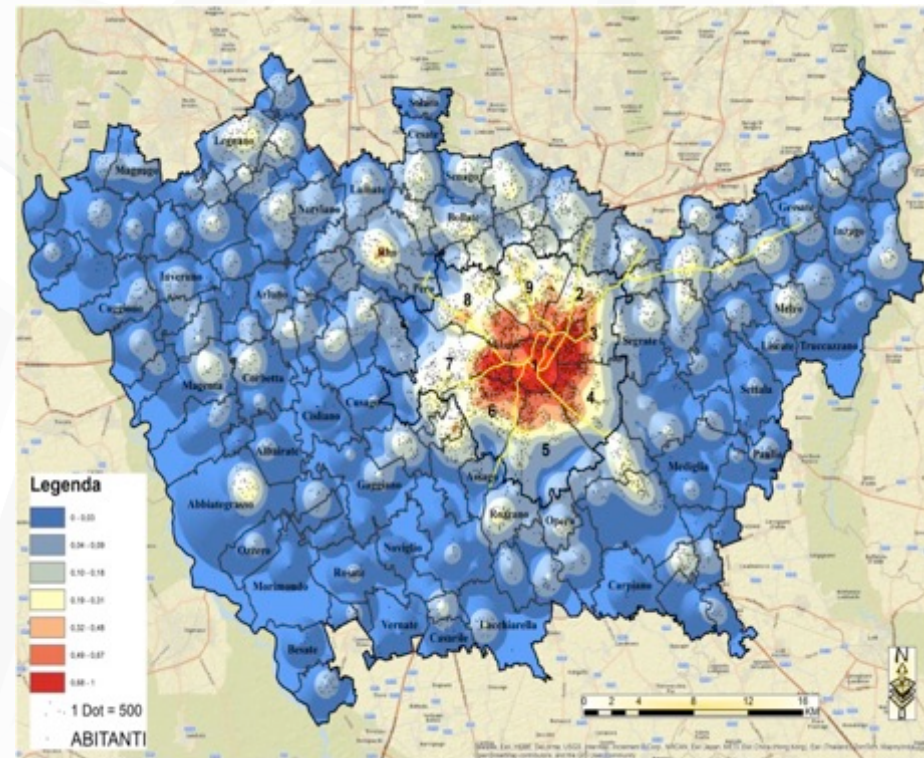
<i>Domain</i>	<i>Opportunity</i>	<i>Accessibility threshold (metres)</i>
Transports (+)	Underground stops (++)	800
	Railway stations	4.000
	Tramway and Bus stops (+)	800
Health	Physicians	1.600
Education	Pharmacies	1.600
	Hospitals	5.000
	Kindergarten (+)	1.600
	Elementary and Junior High schools	2.000
Commerce	Post offices	1.600
	Supermarkets	3.000
	Malls	5.000
Leisure (sport)(culture)(social)	Sport facilities	2.000
	Libraries	3.000
	Museums	3.000
	Cinemas	3.000
	Theatres	3.000
	Youth Centres	3.000
	Community Centres	3.000



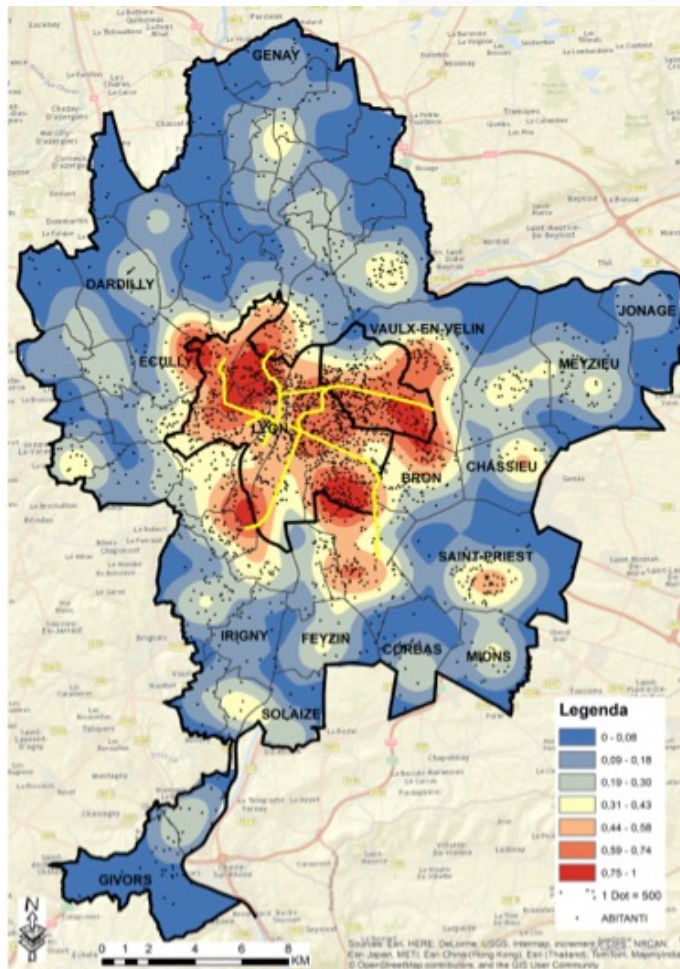
Opportunités culturelles



Opportunités liées à la santé



Équipements sportifs



Transport en commun

