

APPENDIX A. SURVEY DESIGN**Table A1. Stage One: Delineation survey questions**

Questions
All participants
In which gmina or city do you live?
According to you, is the gmina you live in a part of the Łódź metropolitan area?
Do you work?
What city or gmina do you work in?
Do you go to school or study?
In which city or gmina do you attend school / university?
Participants not living in the city of Łódź
How often you visit Łódź for the following reasons: Work / Shopping / Visiting family or friends / Doctor / Entertainment and culture / Recreation
Is it easy to get to Łódź from your gmina by public transport?
Participants living in the city of Łódź
For each of the following, select the appropriate answer:
My workplace is located in Łódź / outside Łódź
My school or university is located in Łódź / outside Łódź
My immediate family lives in Łódź / outside Łódź
If your workplace or school is outside Łódź, do you think their location belongs to the Łódź metropolitan area?
Please indicate how often you visit the suburban areas for the following reasons: Work / Shopping / Visiting family or friends / Doctor / Entertainment and culture / Recreation
Do you think it is easy to get from Łódź to suburban areas by public transport?
All participants
According to your knowledge, how many kilometers from the Łódź city centre does the Łódź metropolitan area spread?
What factors determine whether a town belongs to the agglomeration area of Łódź? Indicate their importance: Good access to public transport / Decision of the government in Warsaw / Number of residents commuting to Łódź to work or school / Number of residents who travel to Łódź for shopping / Number of residents who travel to Łódź to see a doctor / Visits for cultural and entertainment purposes.
Do you think any more criteria should be added to the list from the previous question?
What other criteria or factors deciding whether a gmina belongs to the metropolitan area of Łódź would you add to the previous list?

Provide specific names of locations, landmarks that, according to your knowledge, mark the border of the Łódź metropolitan area.
Do you have a driving license?
Do you own a car?
How old are you?
Are you a woman / man / don't want to say?
What is your education?
1.General informations: age, education level, genre, employment, 'gminas' (administrative subdivision) of residence, driving licence
2.In your opinion, does the local area where you live belong to the Lodz metropolitan area ?
3. Indicate how often do you travel to Lodz (from Lodz to neighbouring gminas) for work/shopping/visiting family and friends/doctor visit/entertainment and culture/sport and active time (scale: never/once or several times a year/several times a month/several times a week/every day)
4.Is it easy to reach Łódź (from suburban areas) by public transport (scale: very difficult/difficult/easy/very easy/I do not know) ?
5.What factors determine whether an area belongs to Lodz metropolitan area (see table 3 for the criteria which are proposed) ?
6. Would you add another criteria ?

Table A2. Stage Two: Survey questions

	Question	Asked in	
		Łódź	Kraków
1	Did you take part in the first stage of our study "Is Łódź also yours?" in July?	x	
2	In which gmina or city do you live?	x	x
	Respondents are shown a map description as in Figure 2 panel a for Łódź and Figure B1 in Appendix B for Kraków		
3	In your opinion, is the gmina you live in correctly "incorporated into" or "excluded from" the Łódź/Kraków metropolitan area on the map above?	x	x
4	Do you think that the above map shows the shape and extent of the Łódź/Kraków metropolitan area well?	x	x
5	Should any gminas be added to the above area? If so, list which ones.	x	x
6	Should any communes be excluded from the above-mentioned area? If so, list which ones.	x	x
7	Do you think the above results can be trusted?	x	x
	Respondents from Łódź area are shown the econometric results and brief description		
8	In your opinion, the results of which research better present the area of the Łódź metropolitan area?	x	
9	In your opinion, which research results are more reliable?	x	
	Demographics: questions on age, education, gender, employment status	x	x

APPENDIX B. METROPOLITAN AREAS: CONSTITUENT GMINAS

Łódź metropolitan area according to the citizen science project in stage one, see panel a of:

Aleksandrów Łódzki, Andrespol, Brójce, Brzeziny, Czarnocin, Dłutów, Dmosin, Dobroń, Głowno, Koluszki, Konstantynów Łódzki, Ksawerów, Łódź, Lutomiersk, Nowosolna, Pabianice, Parzęczew, Rogów, Stryków, Tuszyn, Zgierz.

Łódź metropolitan area according to Gawrońska-Novak, Lis and Zadorozhna (2021), see panel b of:

Aleksandrów Łódzki, Andrespol, Brójce, Brzeziny, Czarnocin, Dłutów, Dobroń, Koluszki, Konstantynów Łódzki, Ksawerów, Łódź, Lutomiersk, Nowosolna, Pabianice, Rzgów, Stryków, Tuszyn, Wodzierady, Zgierz.

Kraków metropolitan area according to wrońska-Novak, Lis and Zadorozhna (2021):

Biskupice, Czernichów, Dobczyce, Gdów, Igołomia-Wawrzeńczyce, Iwanowice, Kłaj, Kocmyrzów-Luborzyca, Koniusza, Kraków, Liszki, Michałowice, Mogilany, Myślenice, Niepołomice, Siepraw, Skąta, Skawina, Słomniki, Świątniki Górne, Wieliczka, Wielka Wieś, Zabierzów, Zielonki.

Figure B1. Kraków metropolitan area according to the econometric analysis (24 gminas)



APPENDIX C. DIFFERENCES IN TRUST LEVELS**Table C1. Statistical significance of differences in trust levels between Łódź and Kraków**

	Indicating trust in research results			Uncorrected chi-square	Design-based F	df	p-value	
	Łódź	Kraków	Diff.					
General sample	92%	79%	13%	8.37	8.31	277	0.0043	***
In employment	88%	79%	9%	1.49	1.46	148	0.2284	
In education	94%	83%	11%	4.84	4.77	177	0.0302	**
Retired	95%	86%	9%	0.59	0.53	24	0.4751	
Education level								
Tertiary education	86%	79%	7%	0.758	0.74	91	0.3921	
Secondary education	93%	81%	12%	3.89	3.83	127	0.05	**
Below secondary	96%	72%	24%	4.79	4.6	50	0.0368	**
			0%					
Female	89%	96%	-7%	0.83	0.79	57	0.3765	
Male	93%	77%	16%	8.92	8.82	212	0.0033	***
Age (years)								
16 - 29	92%	81%	11%	4.9	4.84	191	0.0289	**
30 - 49	100%	73%	27%	3.34	4.86	34	0.0344	**
50 - 64	86%	71%	14%	0.62	0.55	19	0.4679	
65 and more	89%	80%	9%	0.4945	0.4558	27	0.5053	
Diff. - difference between trust levels in Łódź and Kraków. df - degrees of freedom. Difference is statistically significantly different from zero at *** 1%, ** 5% significance level.								