



*Research article*

## **Cities as innovation poles in the digital transition. The Italian case**

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**Supplementary**

**Table A1.** Metro cities population (2023) and ICity rank (2019).

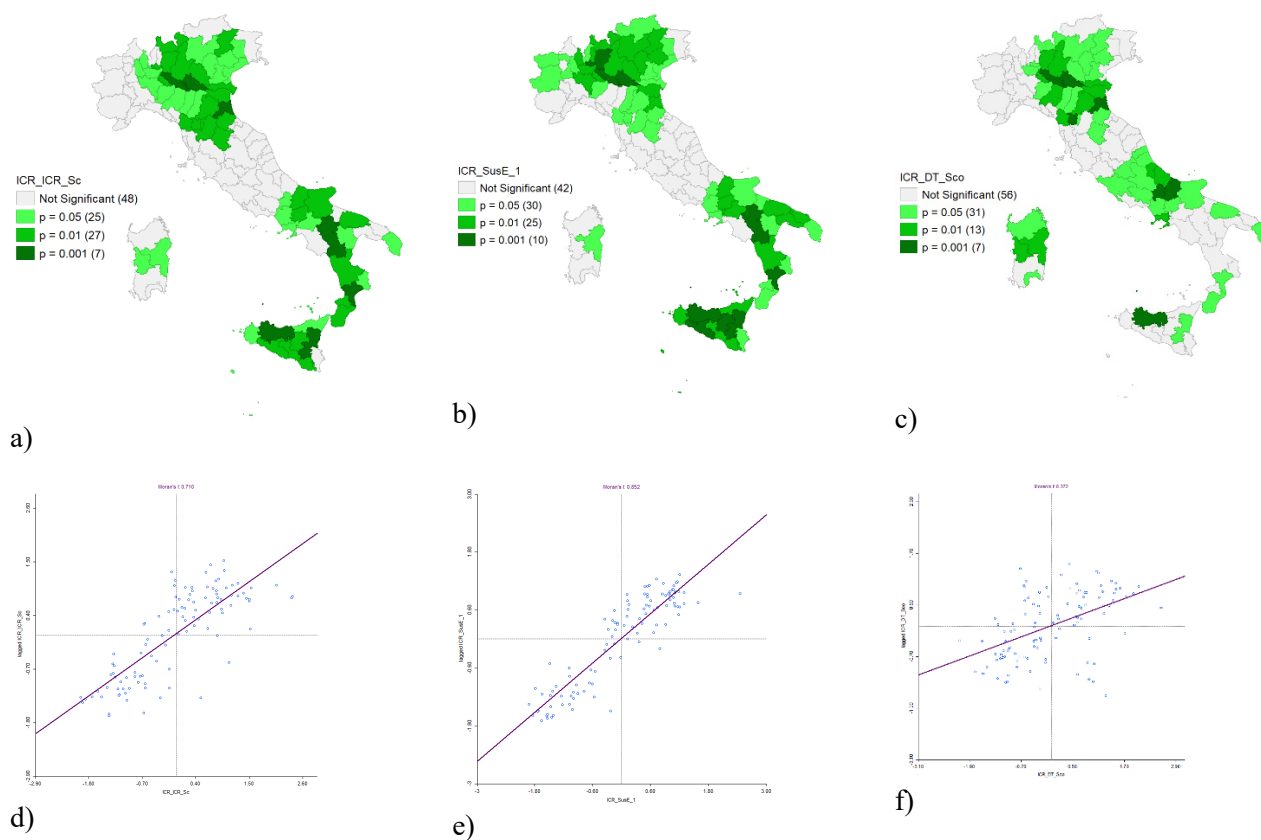
Metro city name	Metro city	Capital city	FUA	ICity rank	ICity score	Sus-Econ index	Sus-Econ score	Digital trans index	Digital trans score
<i>Milano</i>	3228006	<i>1358420</i>	<i>5140595</i>	1	686	1	838	3	797
Firenze	988194	362742	745437	2	684	14	628	1	893
Bologna	1014124	389200	753285	3	652	2	702	2	816
Torino	2204632	847398	1709510	5	596	9	638	5	768
Venezia	835895	250913	498458	7	594	39	540	12	715
Roma	4227059	2755309	4293673	15	552	30	580	21	662
Genova	816606	561191	680744	32	511	56	474	14	696
Cagliari	420364	847398	475170	37	492	68	421	13	702
Bari	1225048	316736	724420	62	425	85	294	25	639
<i>Napoli</i>	2980338	<i>917510</i>	<i>3284914</i>	73	375	91	245	35	606
Palermo	1204189	632499	987004	77	372	99	218	24	644
Catania	1074434	299730	641973	85	336	95	229	52	496
Messina	600180	219387	252675	92	317	92	236	93	353
Reggio di Calabria	518699	171181	205897	99	298	100	216	9	442

Source: our elaborations from ISTAT Data (2024) and OECD Data (2022)

**Table A2.** Dynamic cities population (2023) and ICity rank (2019).

Province city name	Province	Capital city	FUA	ICity rank	ICity score	Sus-Econ index	Sus-Econ score	Digital trans index	Digital trans score
Bergamo	1106303	119809	311003	4	598	10	636	6	752
Trento	542996	118277	241113	6	594	3	658	10	727
Parma	451688	197018	351289	8	589	8	640	8	738
Modena	704332	184836	425797	9	583	4	657	4	771
Reggio nell'Emilia	526990	170451	374156	10	571	6	644	68	732
Brescia	1257326	197236	479662	11	571	24	608	7	738
Verona	925656	256049	522879	16	546	20	613	17	685
Rimini	338934	149681	265341	20	536	31	572	31	617
Pavia	536406	70904	142758	21	535	41	539	15	695
Piacenza	284220	102728	204762	23	528	25	602	38	601
Prato	259244	196317	314559	31	513	45	530	20	672
Pesaro	349529	95620	193345	39	481	48	515	46	540
Massa	187583	66288	184027	53	446	65	433	50	504
Latina	566996	127719	318682	72	376	64	434	84	375
Taranto	556692	188310	397655	94	309	93	234	98	331

Source: our elaborations from ISTAT Data (2024) and OECD Data (2022)



**Figure A1.** Significance map over a selected set of indicators: a) ICity Rank score; b) economic solidity; c) digital transformation. Moran scatterplot over a selected set of indicators: d) ICity Rank score; e) economic solidity; f) digital transformation. Source: our elaboration on ICity Rank 2019.



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