

*Supplementary Materials*

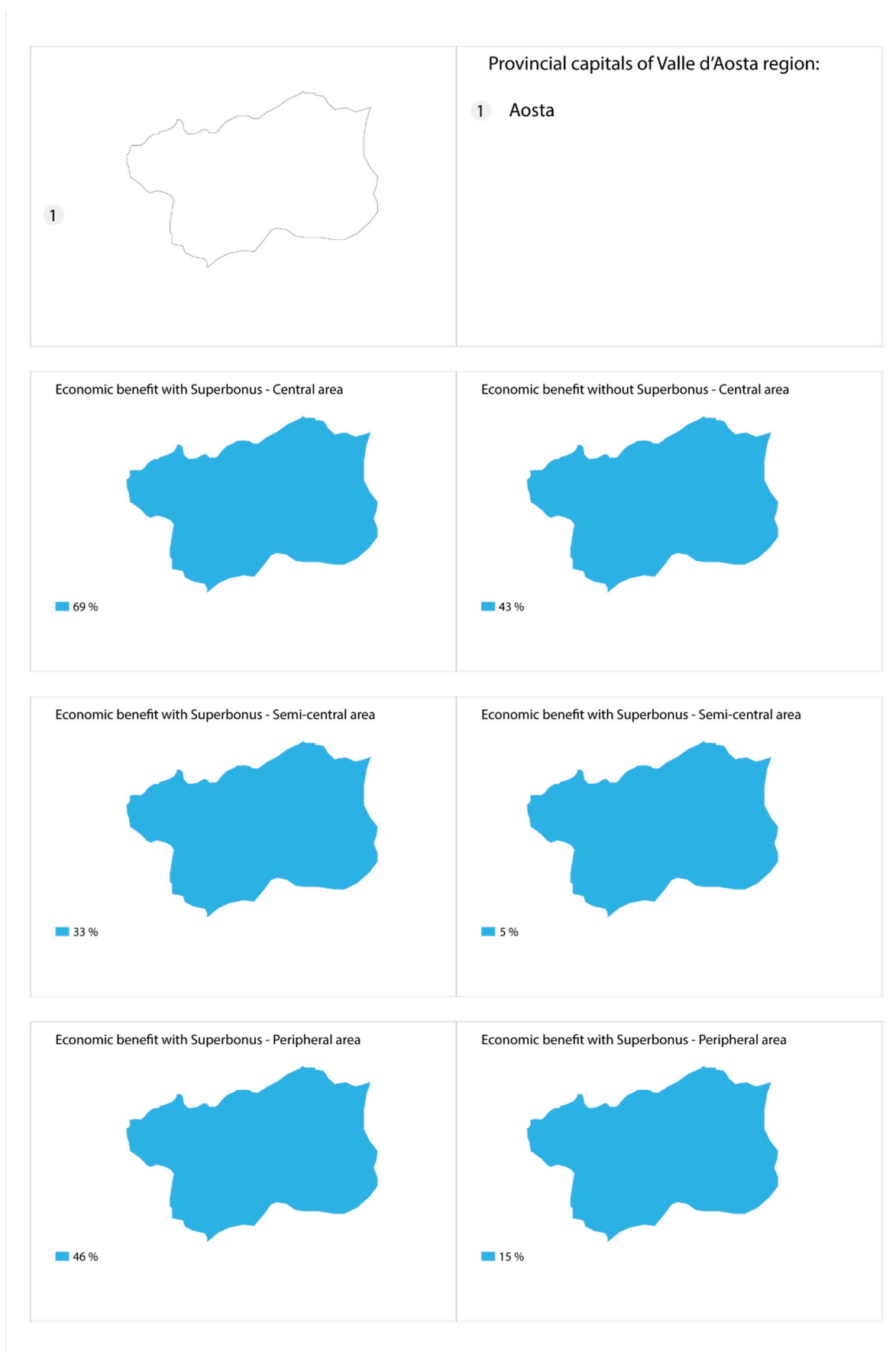
# **A model for the assessment of the economic benefits associated with energy retrofit interventions: an application to existing buildings in the Italian territory**

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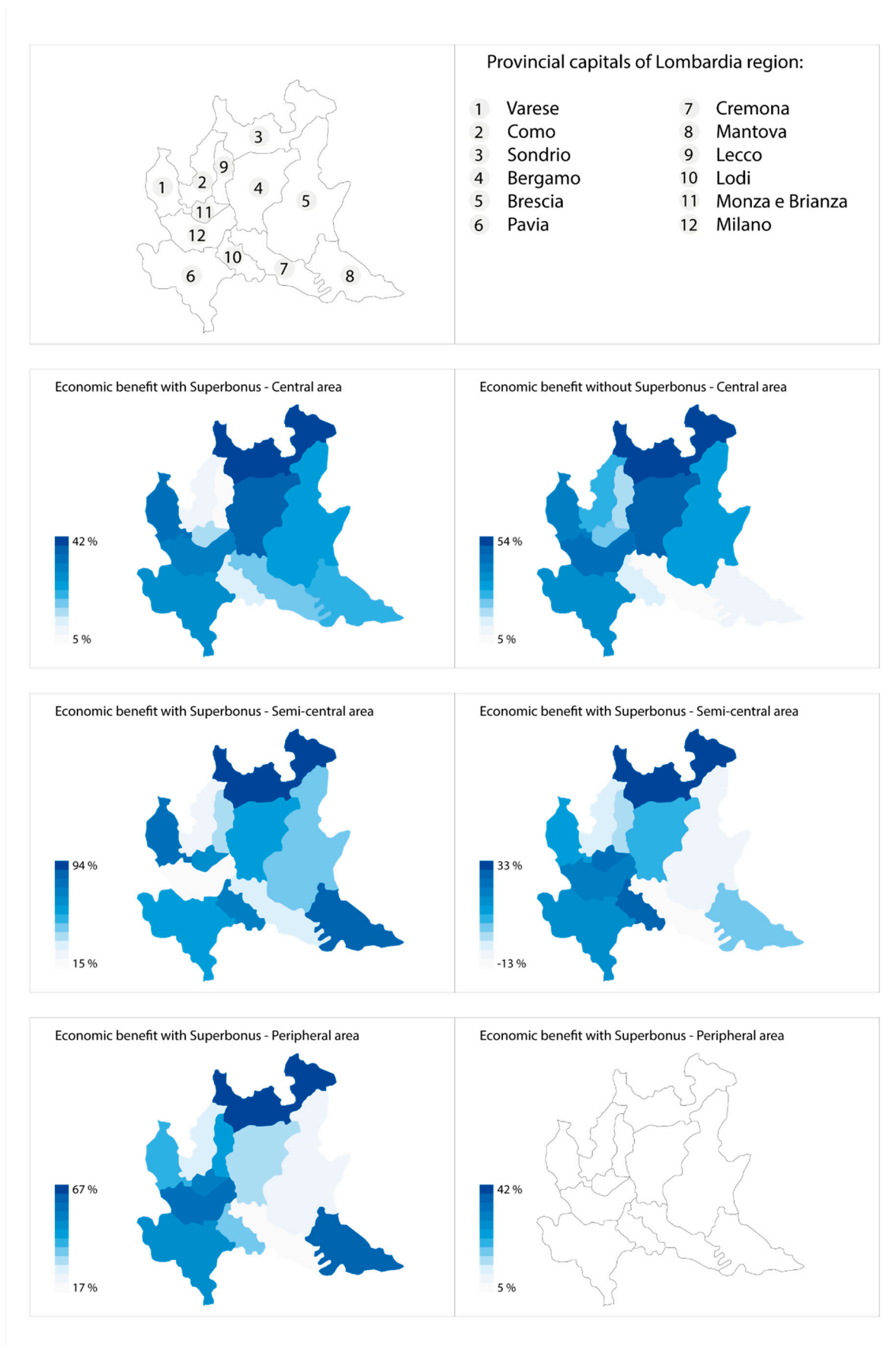
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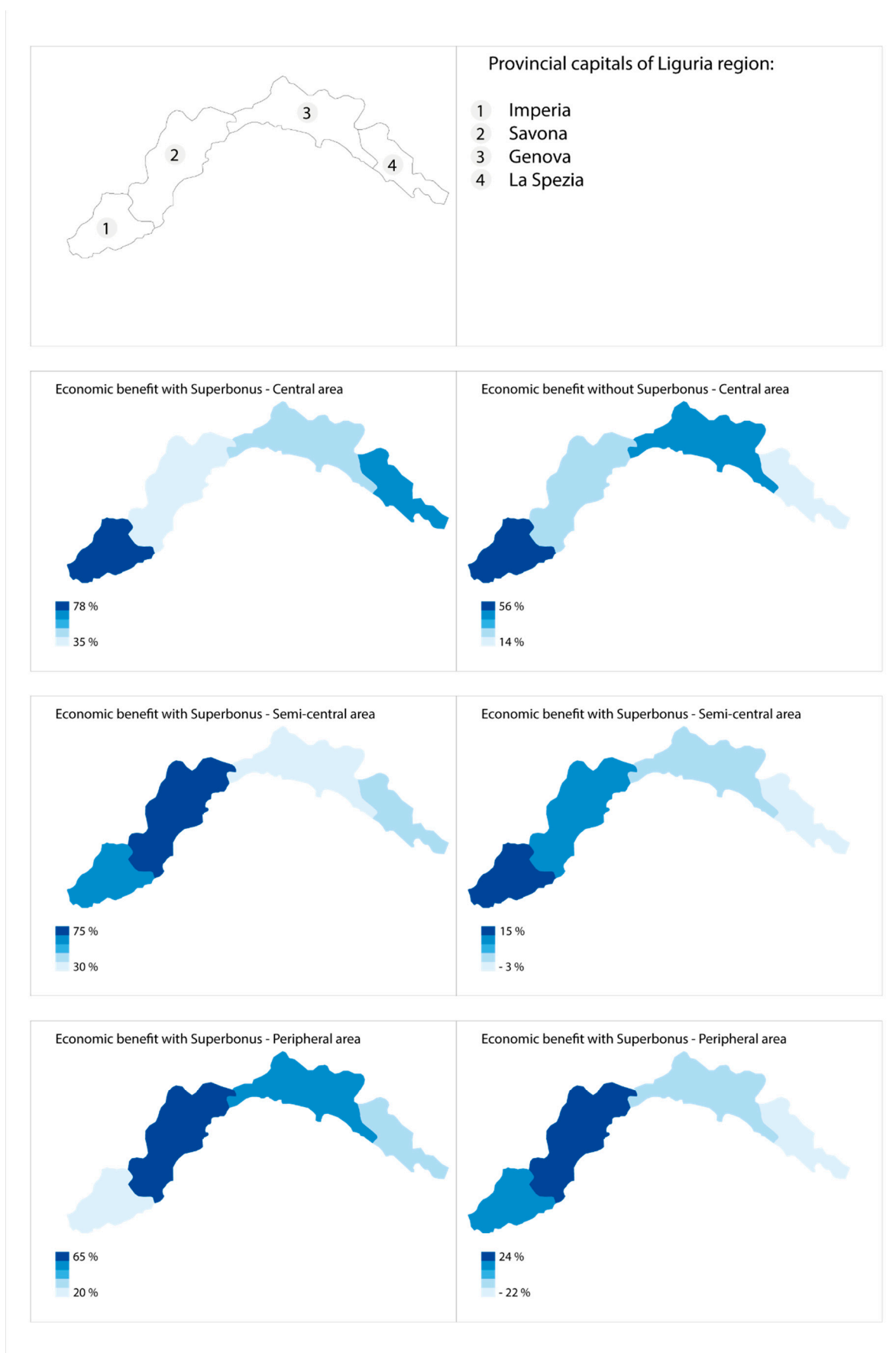
\* Correspondence: francesco.tajani@uniroma1.it



**Figure S1.** Convenience maps defined for the urban areas of the provincial capitals located in Valle d'Aosta region

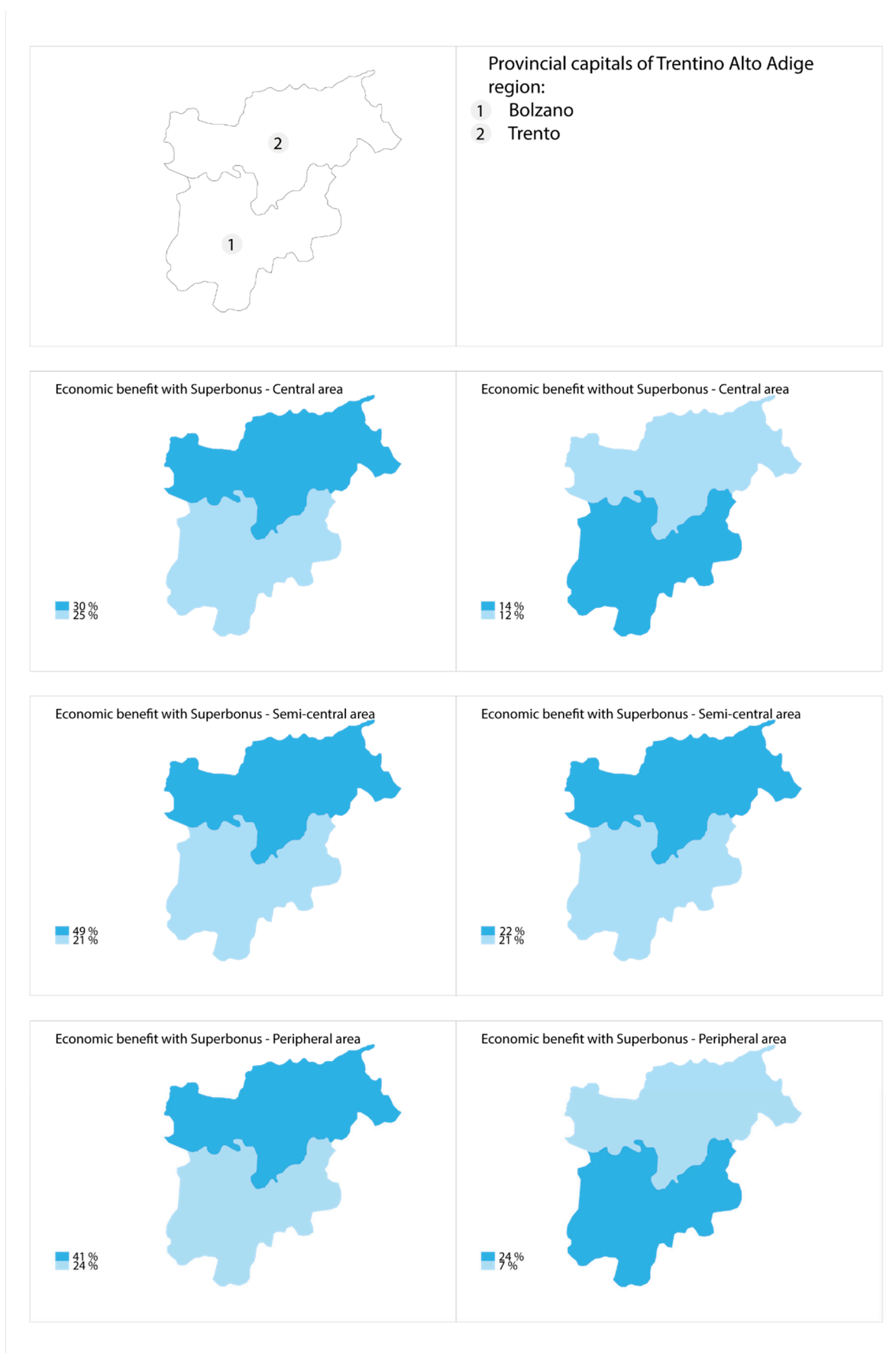


**Figure S2.** Convenience maps defined for the urban areas of the provincial capitals located in Lombardia region

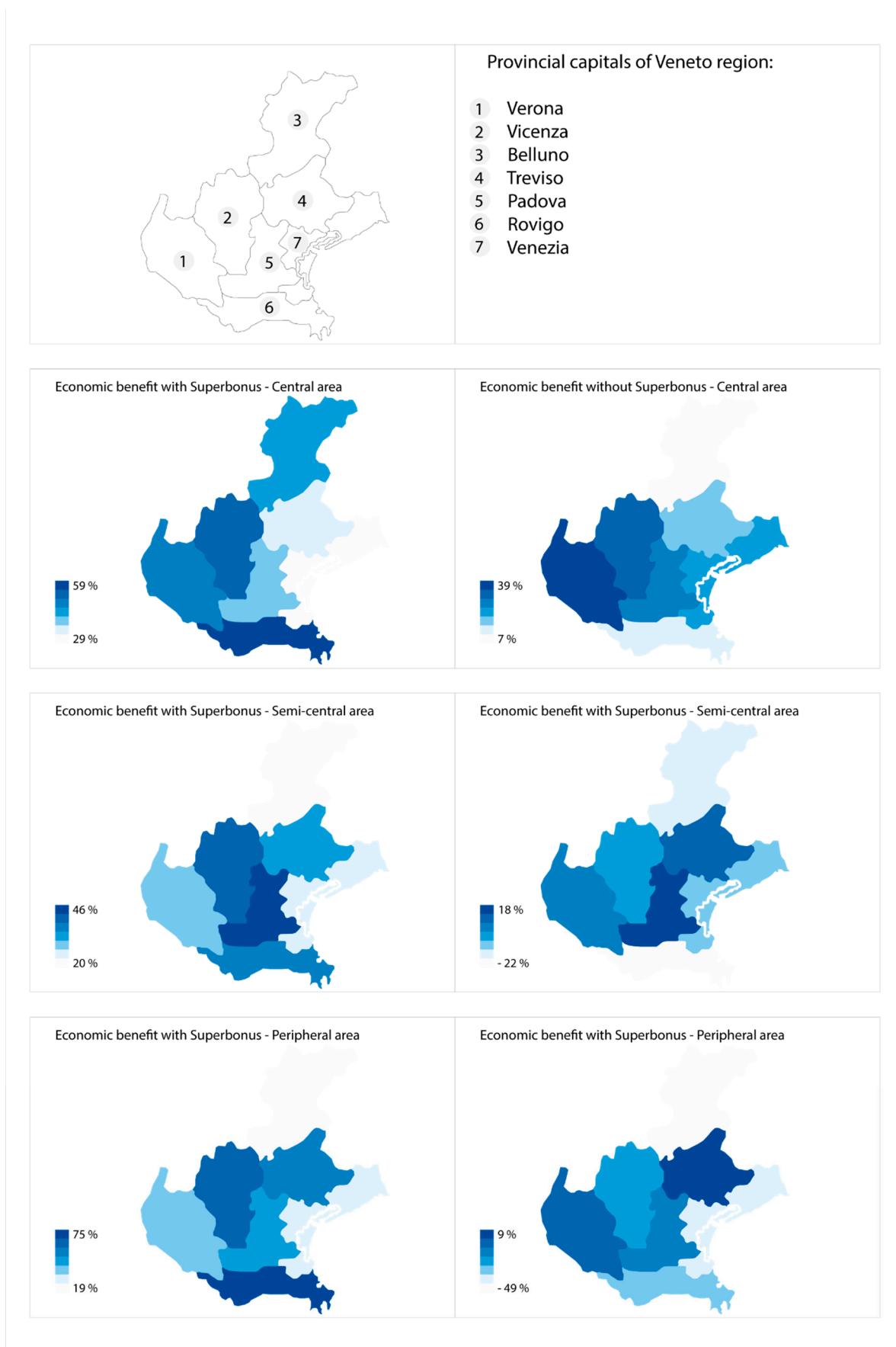


**Figure S3.** Convenience maps defined for the urban areas of the provincial capitals located in Liguria region

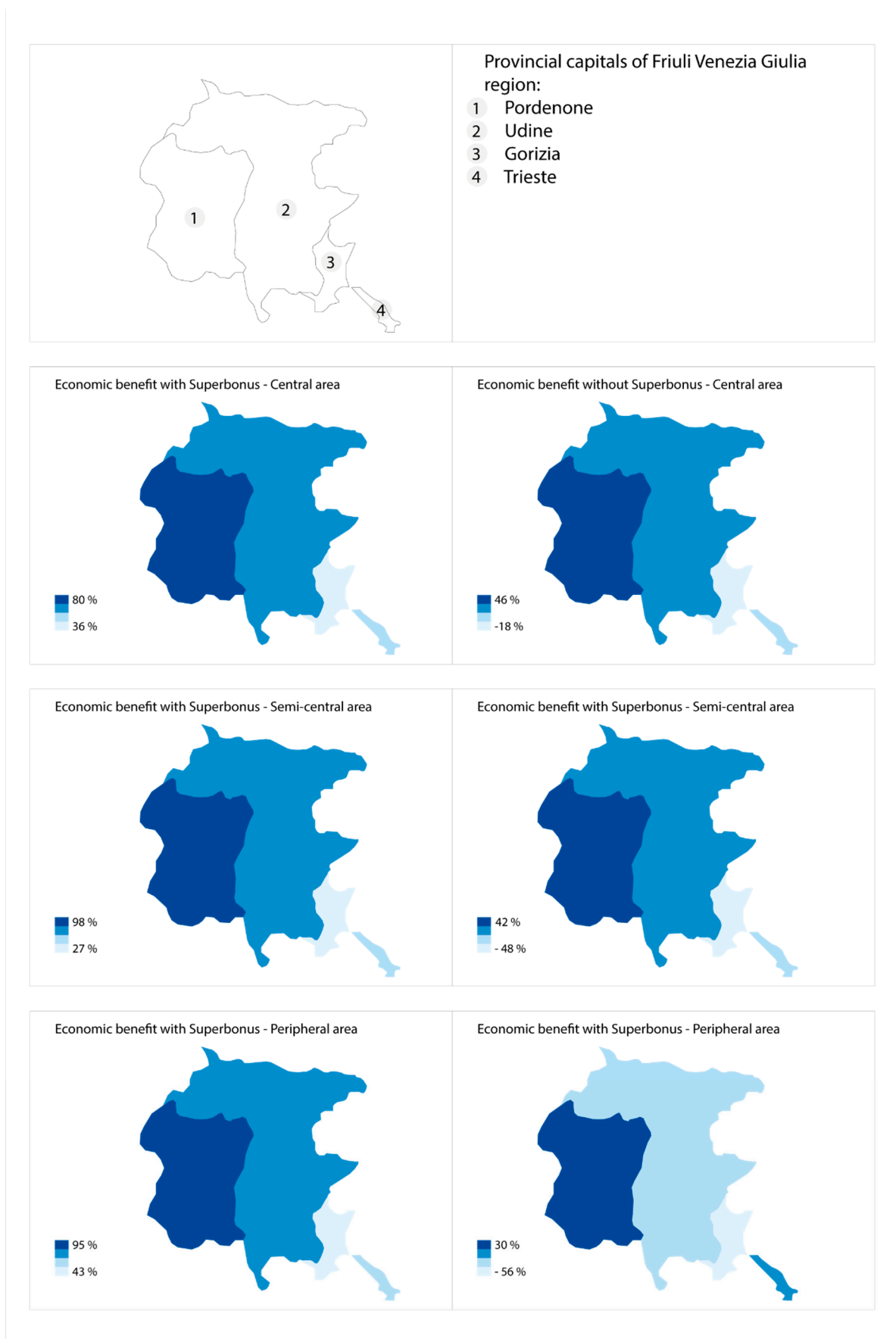




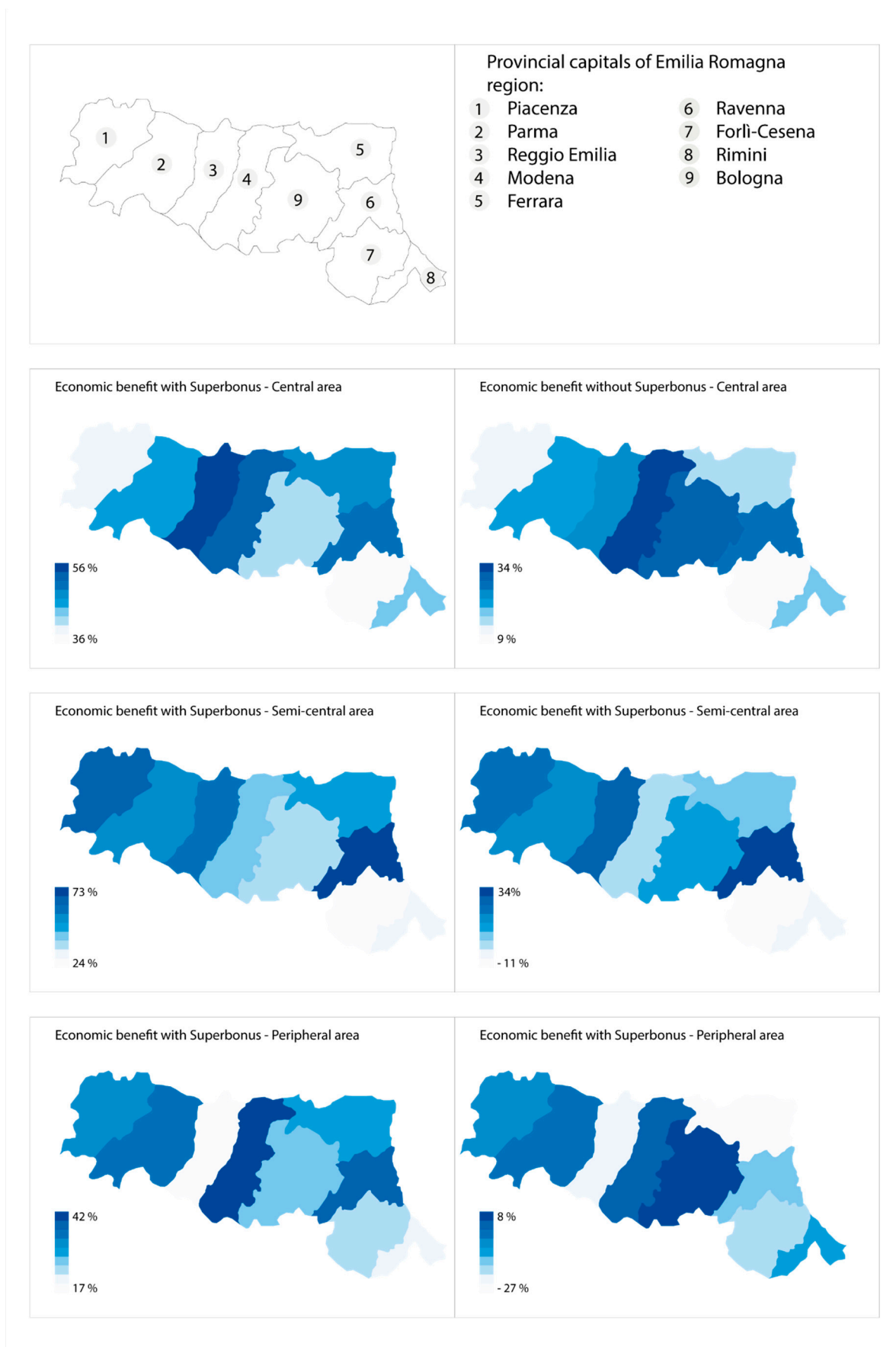
**Figure S4.** Convenience maps defined for the urban areas of the provincial capitals located in Trentino Alto Adige region



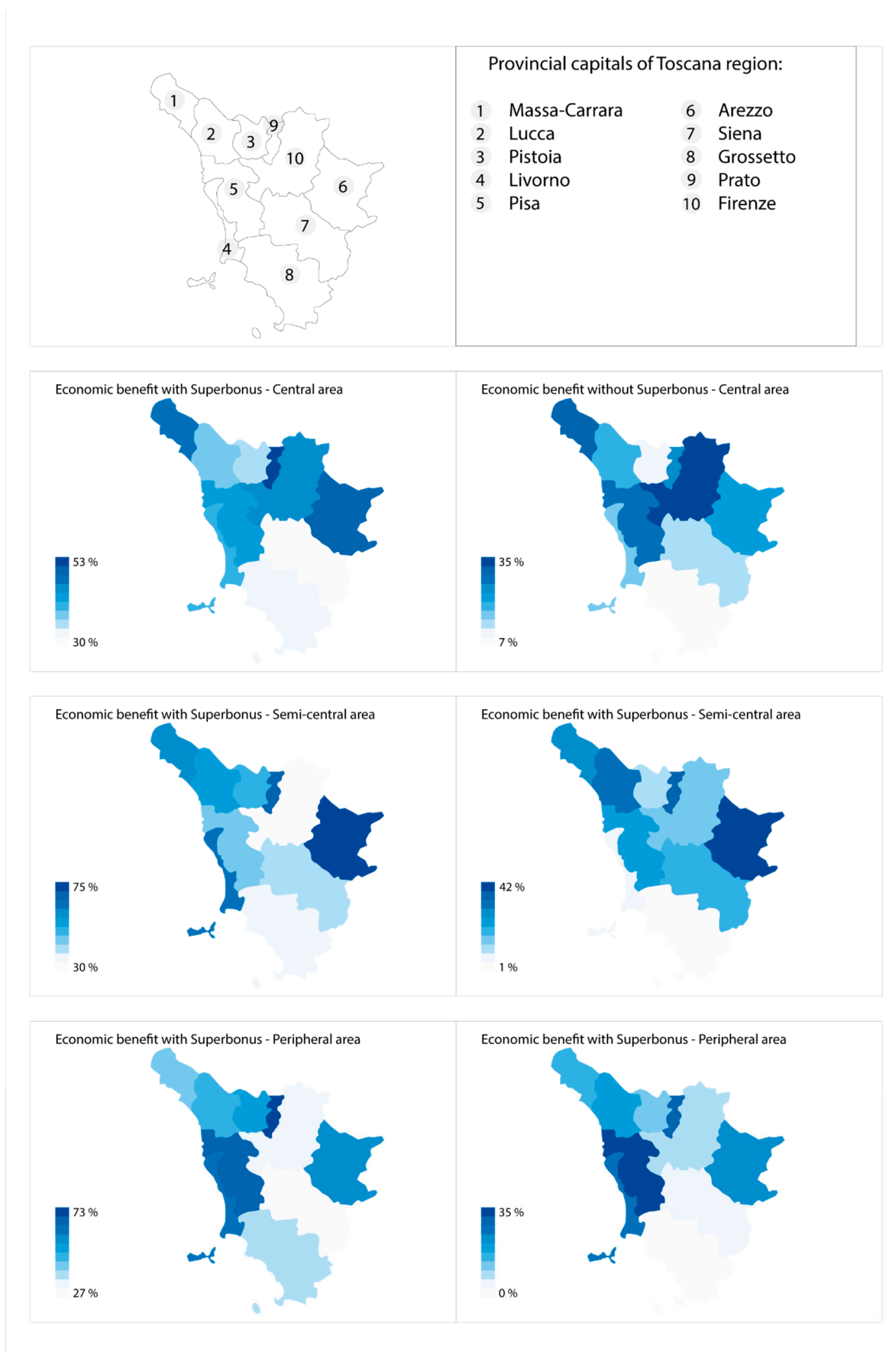
**Figure S5.** Convenience maps defined for the urban areas of the provincial capitals located in Veneto region



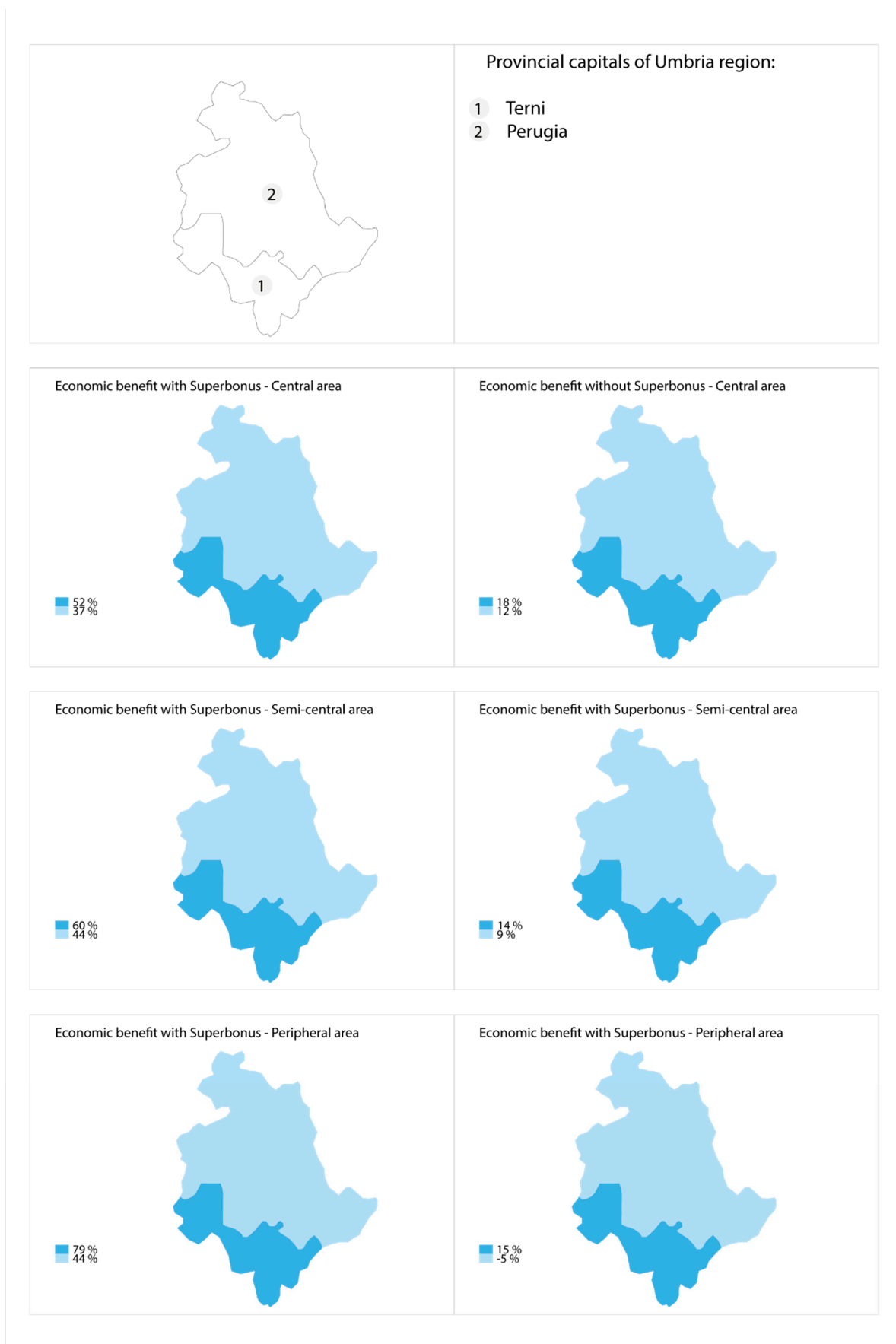
**Figure S6.** Convenience maps defined for the urban areas of the provincial capitals located in Friuli Venezia Giulia region



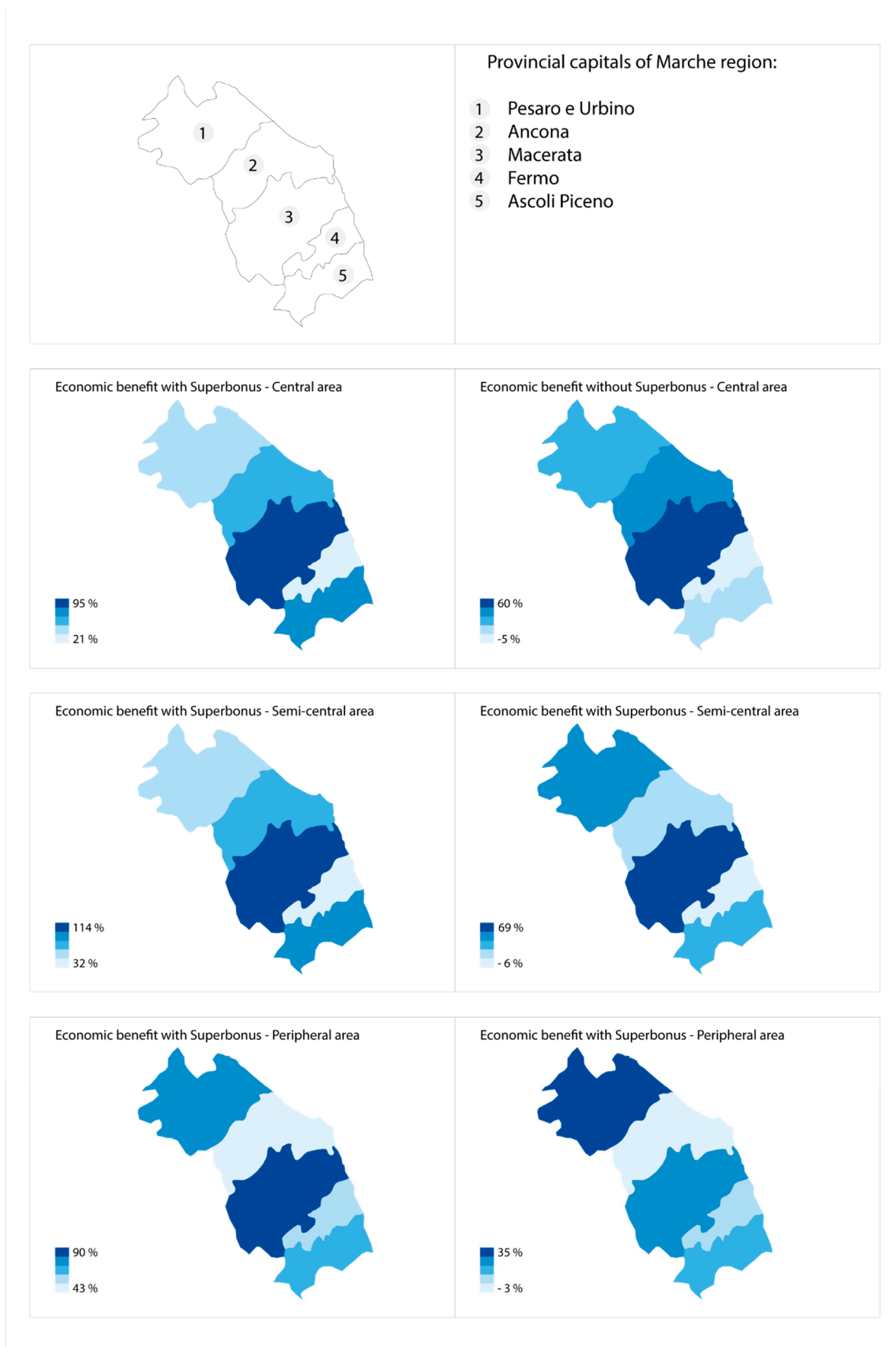
**Figure S7.** Convenience maps defined for the urban areas of the provincial capitals located in Emilia Romagna region



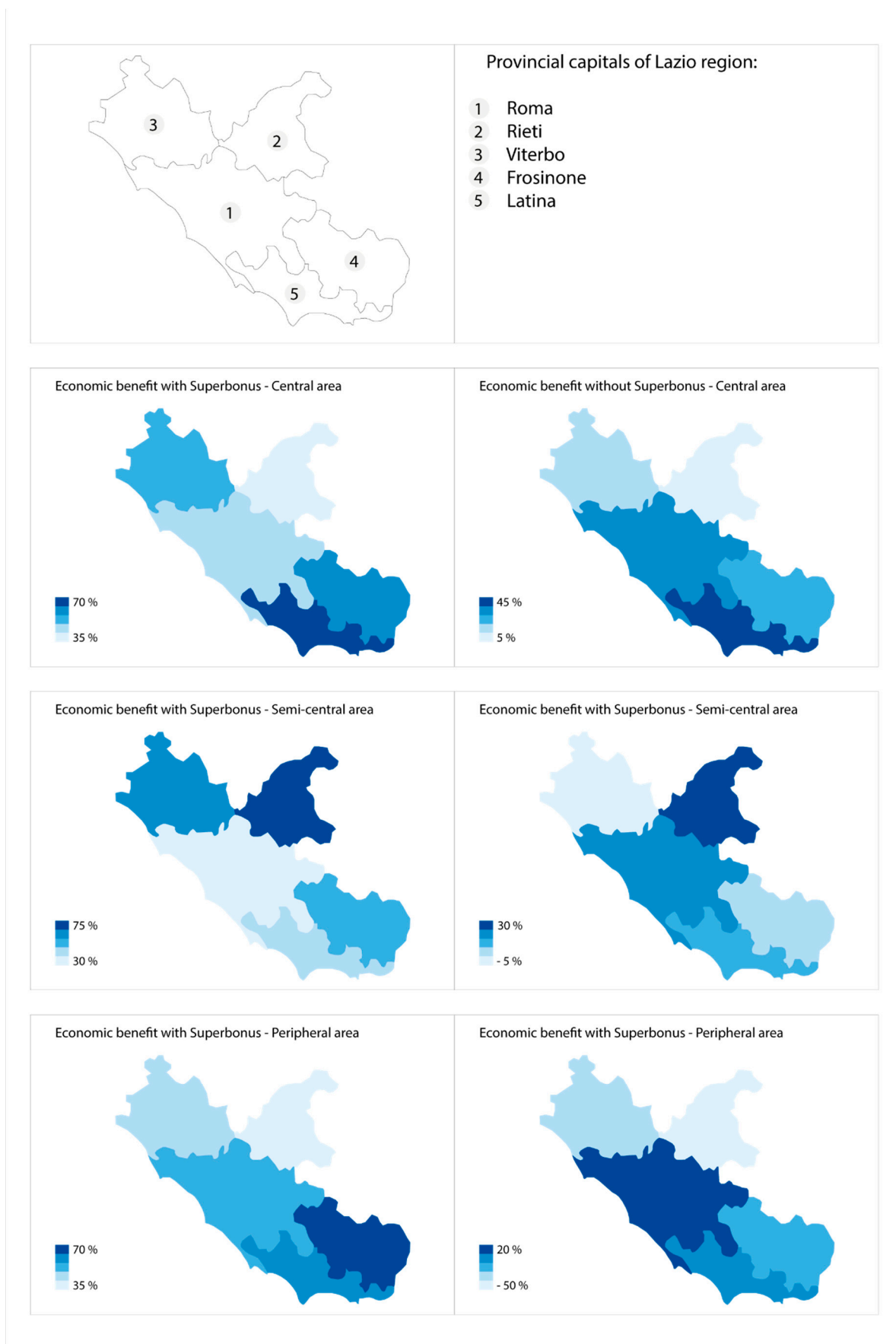
**Figure S8.** Convenience maps defined for the urban areas of the provincial capitals located in Toscana region



**Figure S9.** Convenience maps defined for the urban areas of the provincial capitals located in Umbria region

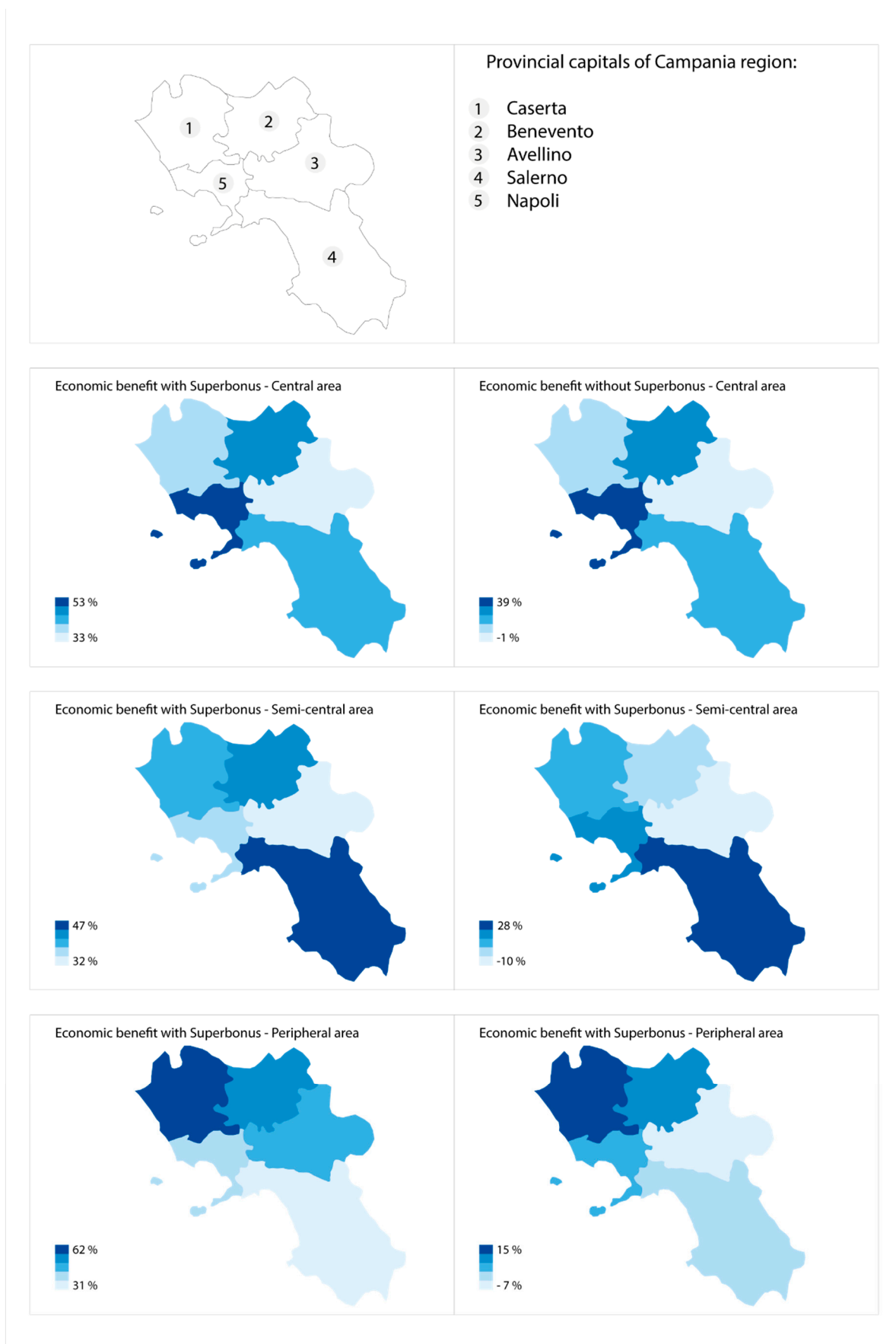


**Figure S10.** Convenience maps defined for the urban areas of the provincial capitals located in Marche region

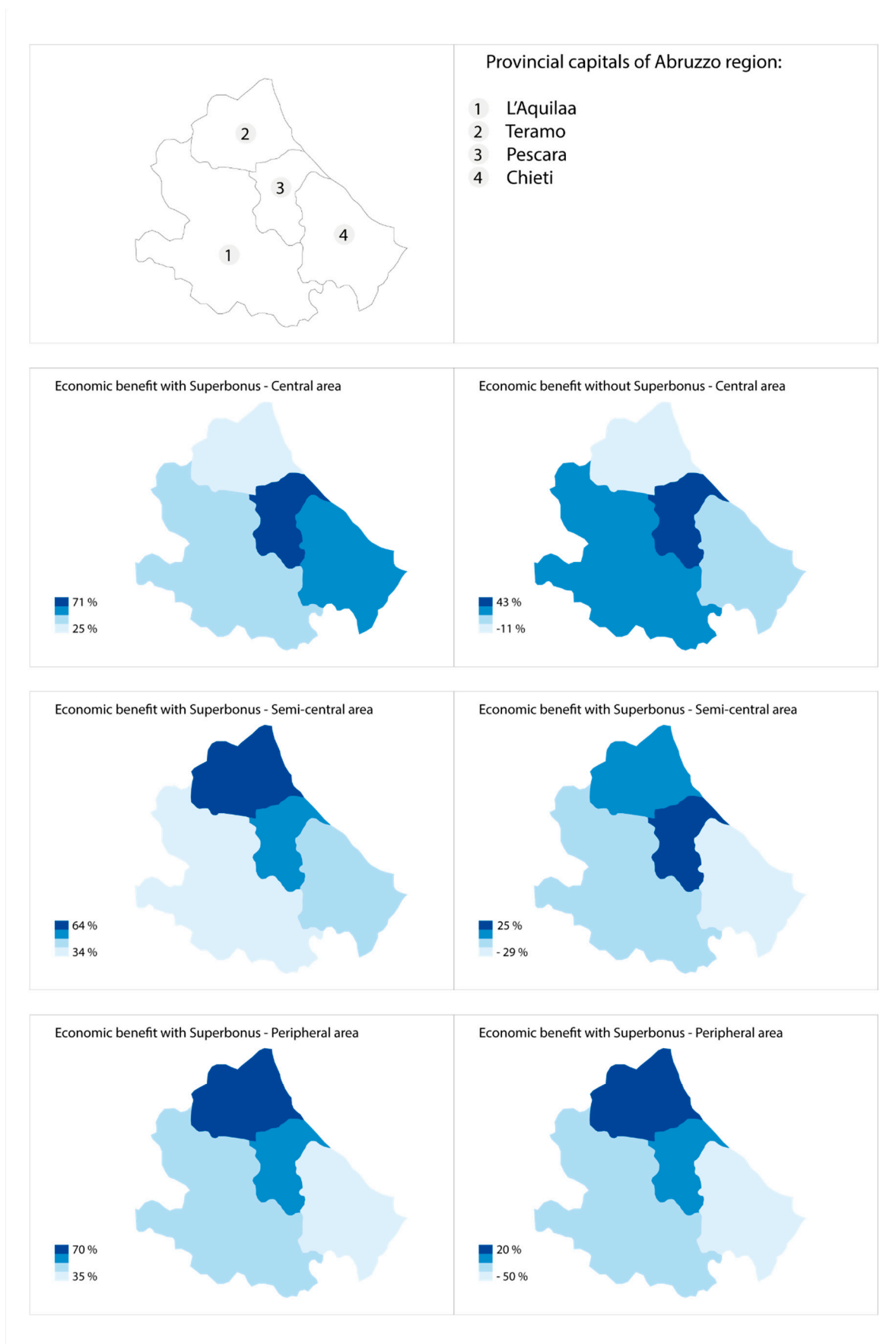


**Figure S11.** Convenience maps defined for the urban areas of the provincial capitals located in Lazio region

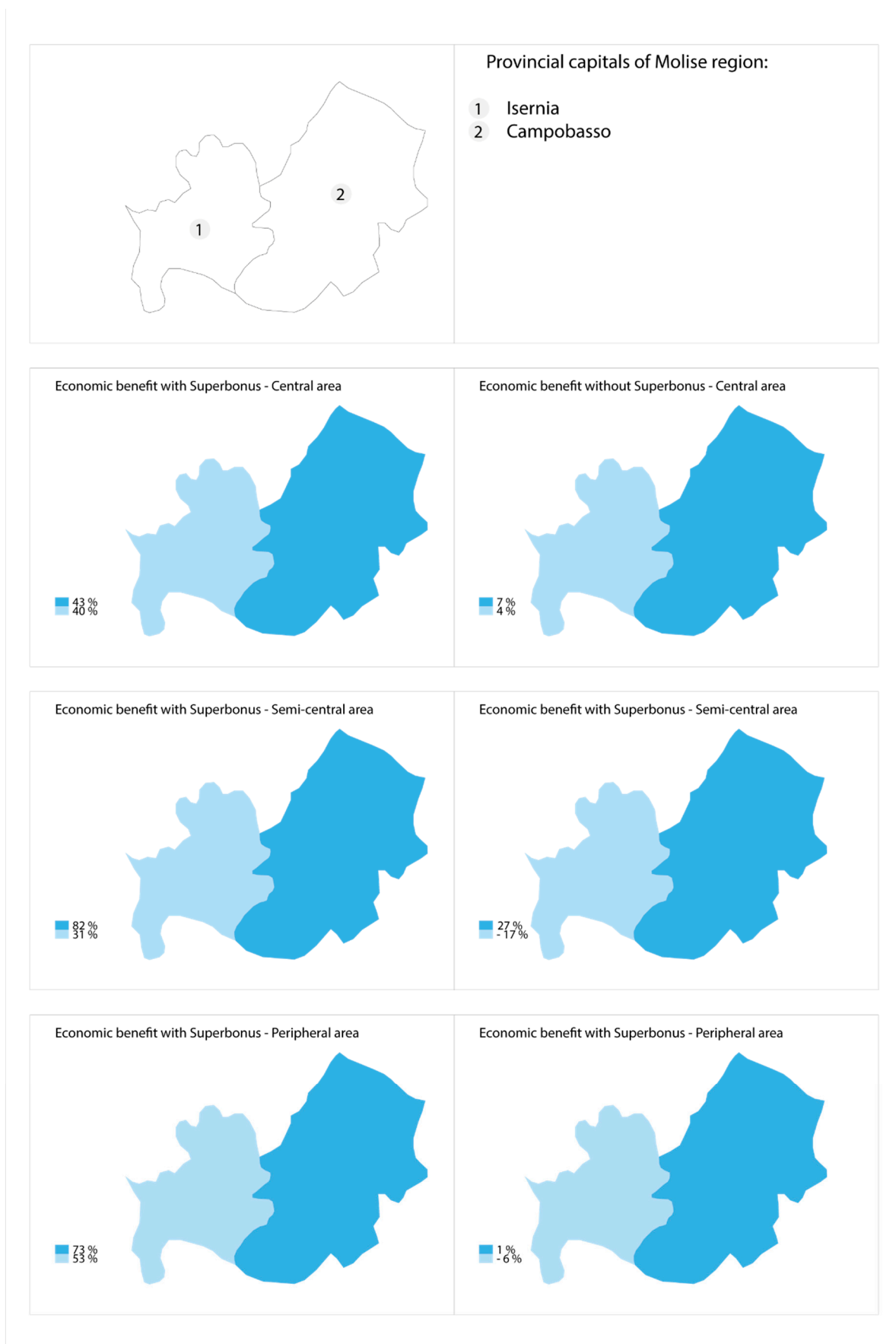




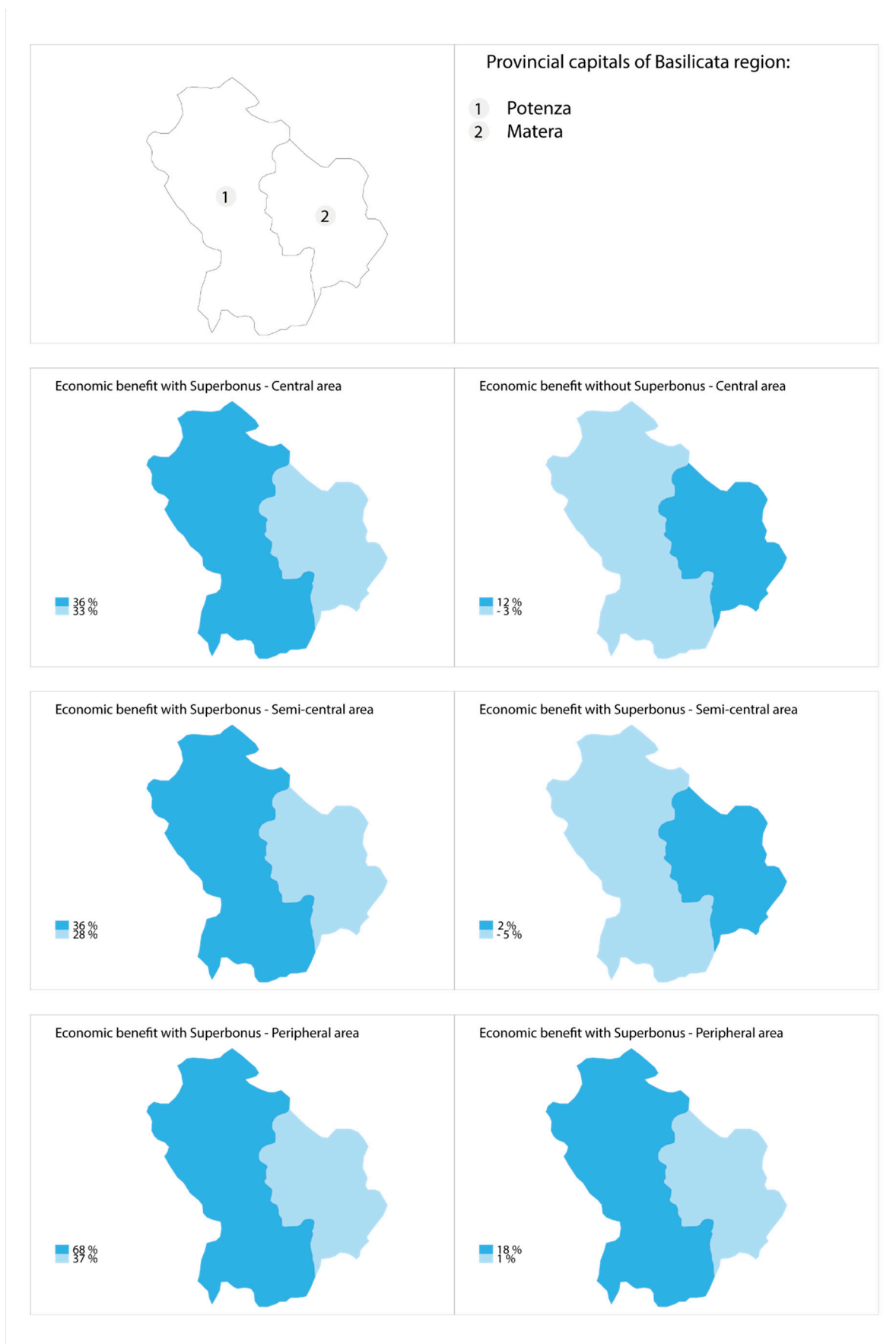
**Figure S12.** Convenience maps defined for the urban areas of the provincial capitals located in Campania region



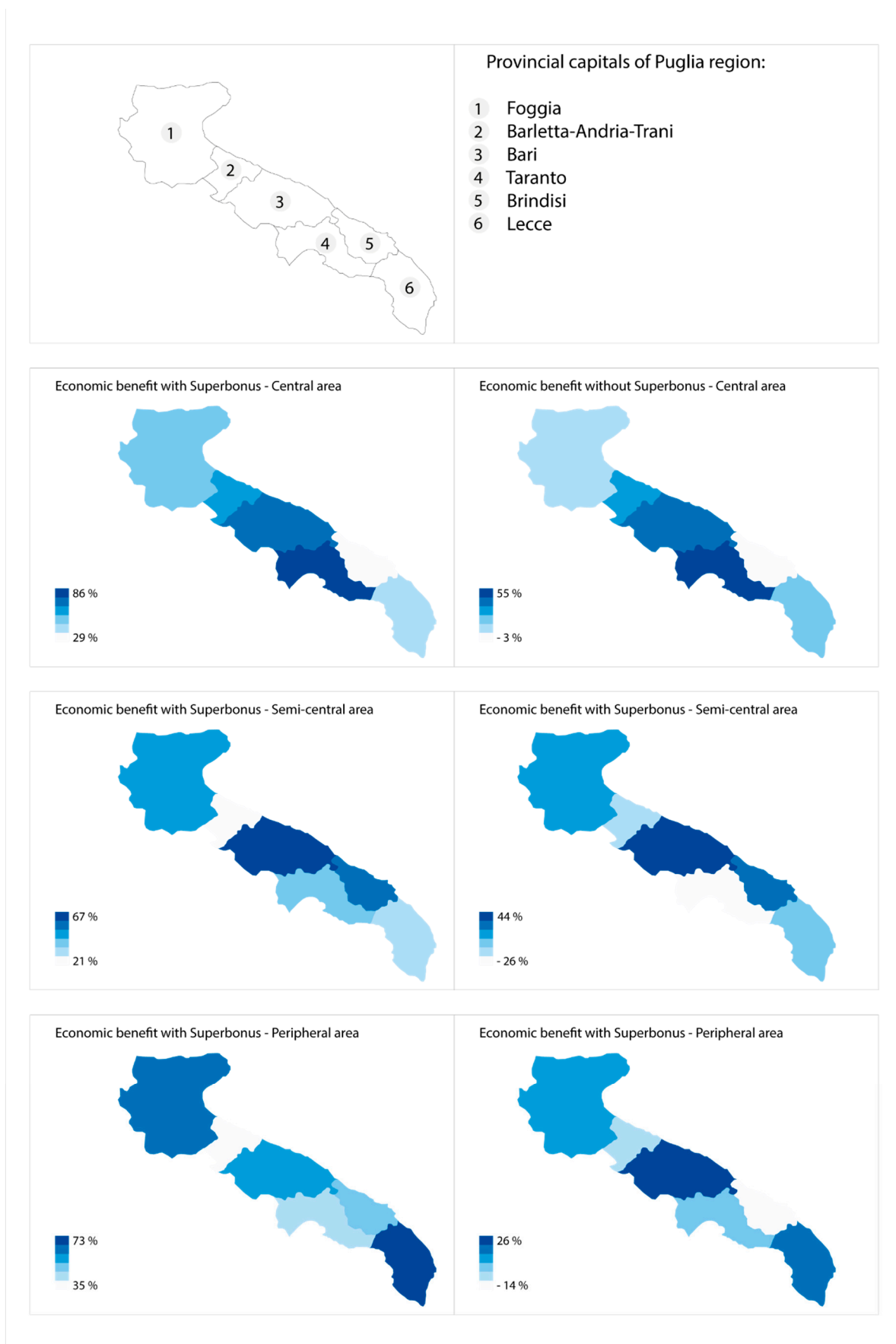
**Figure S13.** Convenience maps defined for the urban areas of the provincial capitals located in Abruzzo region



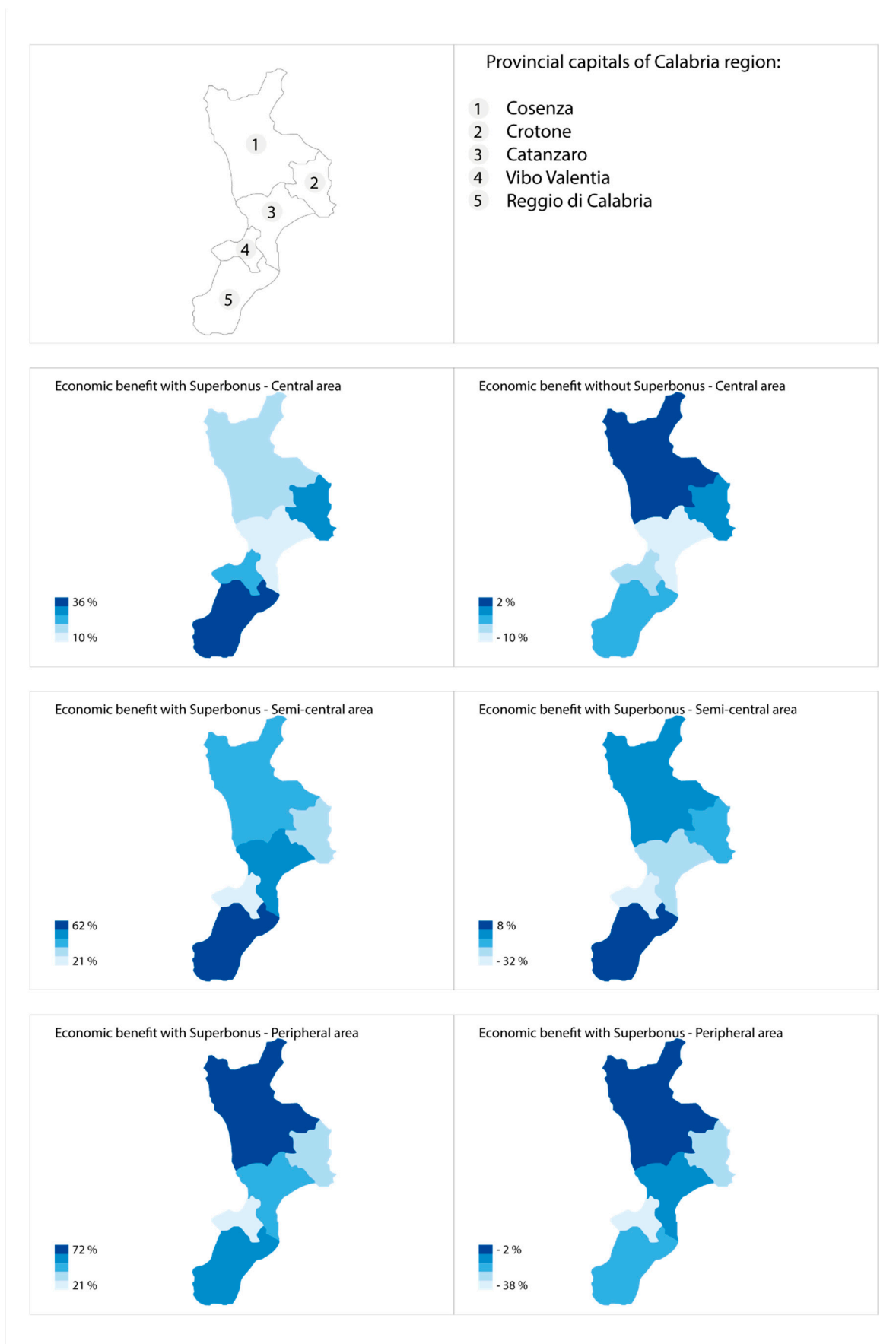
**Figure S14.** Convenience maps defined for the urban areas of the provincial capitals located in Molise region



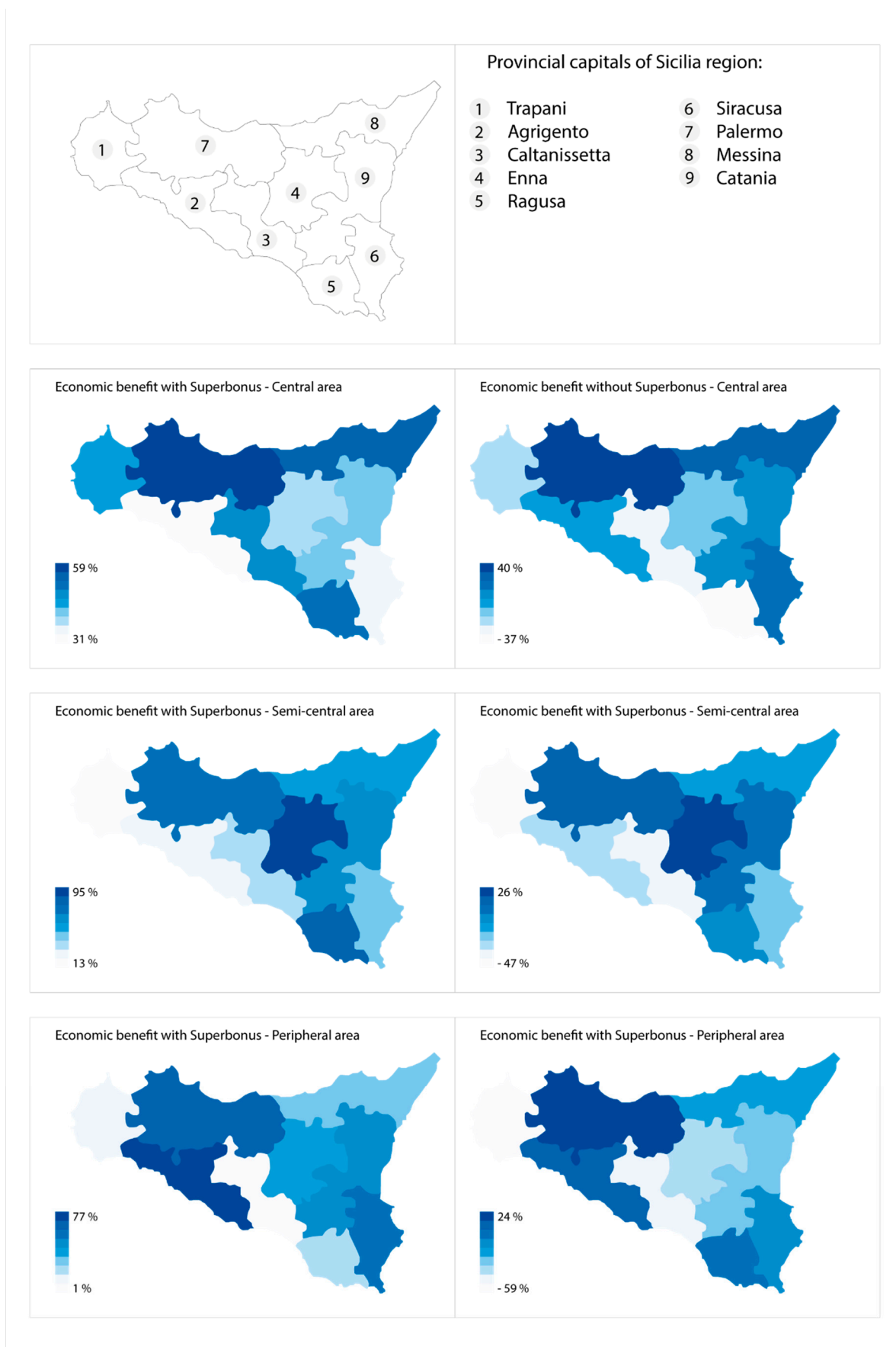
**Figure S15.** Convenience maps defined for the urban areas of the provincial capitals located in Basilicata region



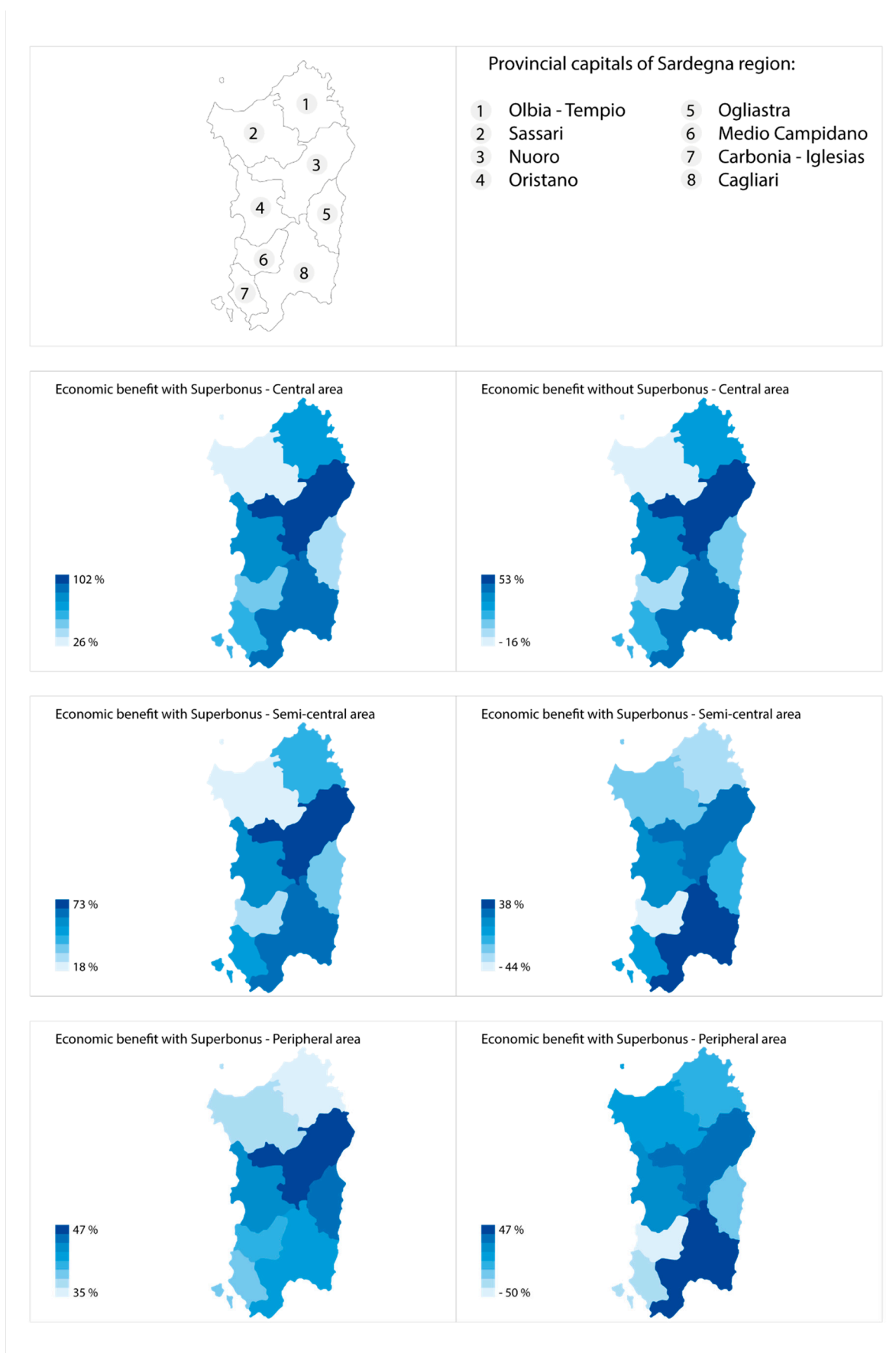
**Figure S16.** Convenience maps defined for the urban areas of the provincial capitals located in Puglia region



**Figure S17.** Convenience maps defined for the urban areas of the provincial capitals located in Calabria region

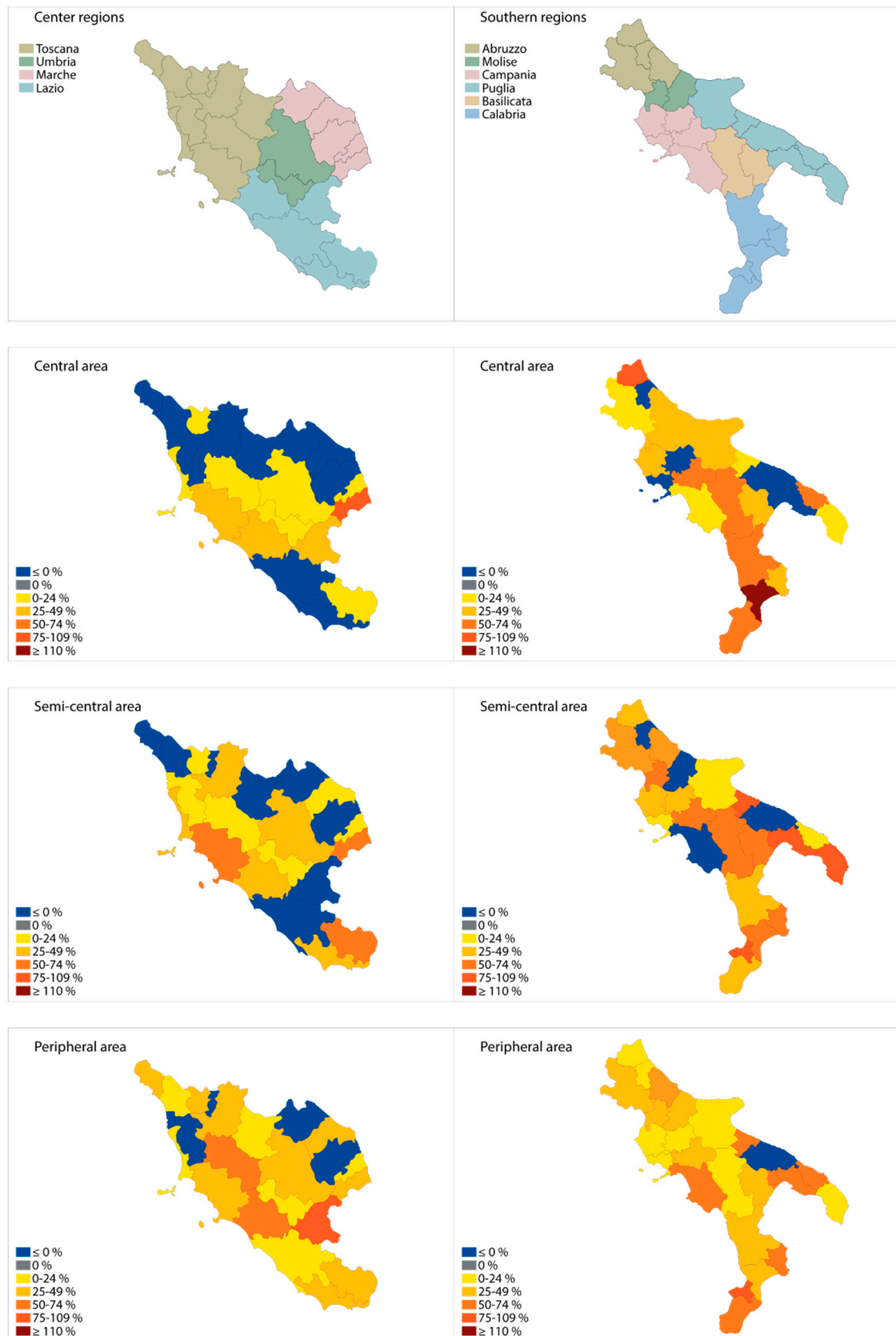


**Figure S18.** Convenience maps defined for the urban areas of the provincial capitals located in Sicilia region



**Figure S19.** Convenience maps defined for the urban areas of the provincial capitals located in Sardegna region





**Figure S20.** Isoprofit maps developed for the Central Italy and Southern Italy macro-areas

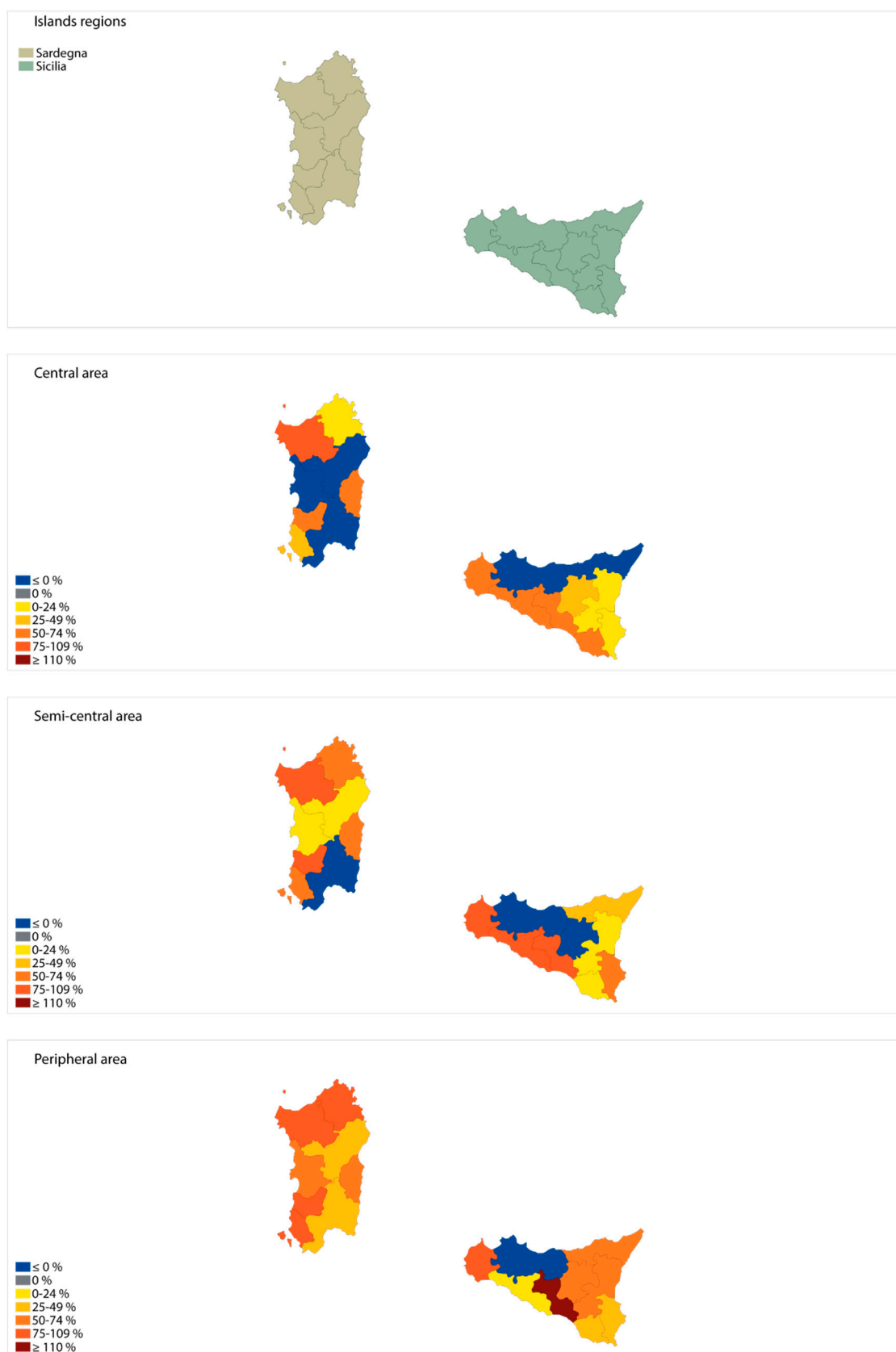
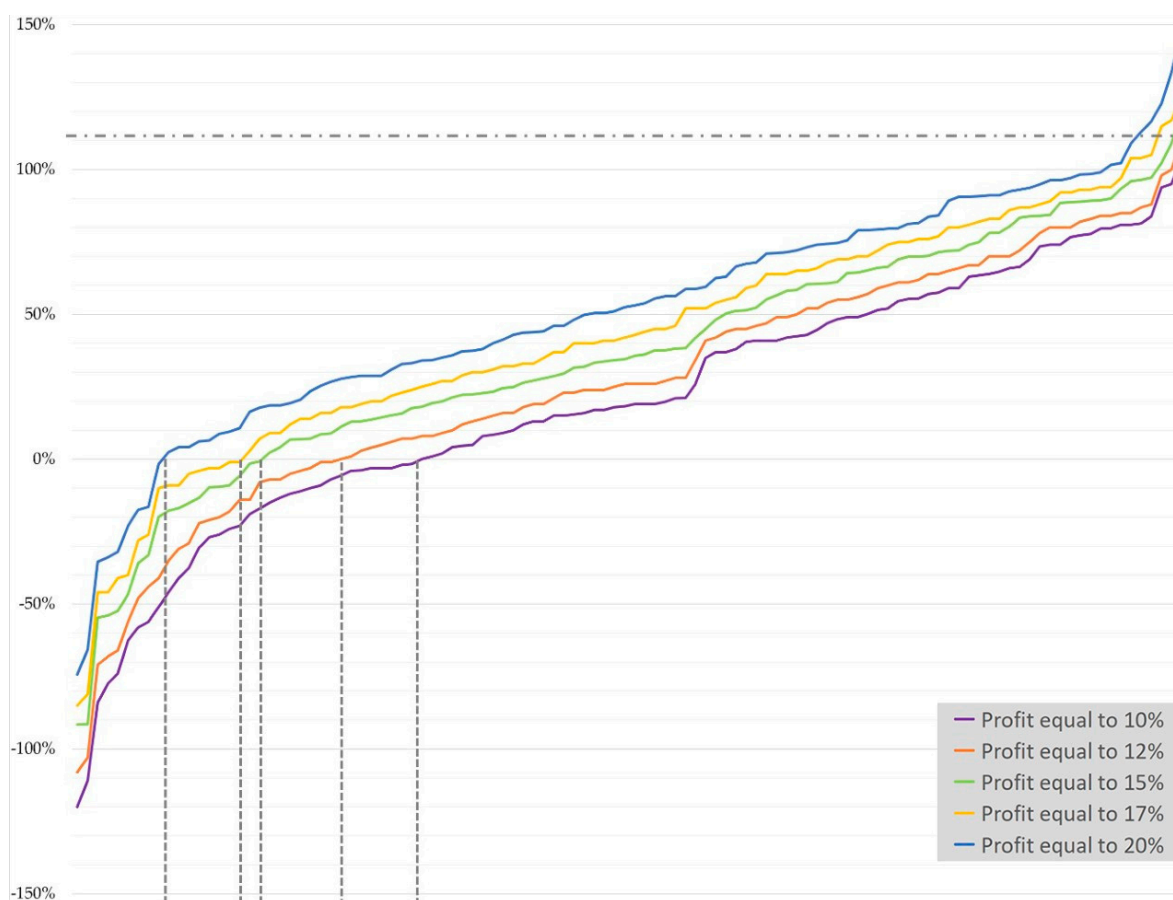
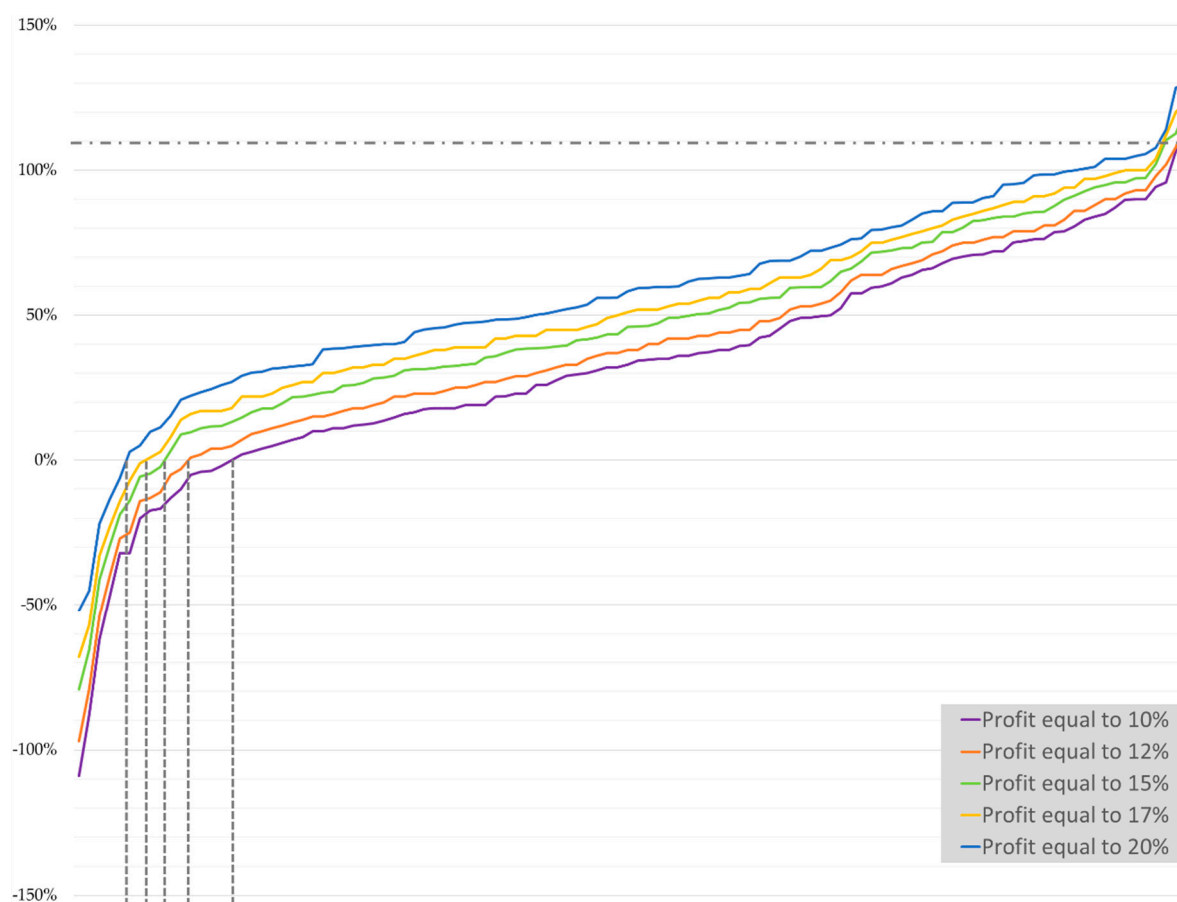


Figure S21. Isoprofit maps developed for the Italian Islands



**Figure S22.** Sensitivity analysis obtained in correspondence of five percentage profit margins considered [10%, 12%, 15%, 17% and 20%] for the semi-central area of the Italian provincial capitals considered



**Figure S23.** Sensitivity analysis obtained in correspondence of five percentage profit margins considered [10%, 12%, 15%, 17% and 20%] for the peripheral area of the Italian provincial capitals considered