

Supplementary Table 1. Municipalities of de Santa Catarina with statistical significance in the analysis of Local Indicators of Spatial Association (LISA) in 2015

Municipality Code	Municipality Name	p-value	Clustering
420060	Águas Mornas	0.000	Low-High
420070	Alfredo Wagner	0.001	Low-High
420110	Anitápolis	0.000	High-High
420127	Arabutã	0.041	Low-High
420260	Bom Retiro	0.003	Low-High
420420	Chapecó	0.006	Low-High
420440	Coronel Freitas	0.034	Low-High
421230	Paulo Lopes	0.000	Low-High
421430	Rancho Queimado	0.000	Low-High
421560	Santa Rosa De Lima	0.000	Low-High
421570	Santo Amaro Da Imperatriz	0.000	High-High
421590	São Bonifácio	0.000	High-High
421710	São Martinho	0.000	Low-High
421890	Urubici	0.012	Low-High
421970	Xaxim	0.015	High-High

Supplementary Table 2. Municipalities of de Santa Catarina with statistical significance in the analysis of Local Indicators of Spatial Association (LISA) 2011-2019

Municipality Code	Municipality Name	p-value	Clustering
420060	Águas Mornas	0.004	High-High
420070	Alfredo Wagner	0.001	High-High
420090	Angelina	0.003	Low-High
420110	Anitápolis	0.005	High-High
420127	Arabutã	0.030	High-High
420160	Arroio Trinta	0.012	Low-High
420430	Concórdia	0.045	High-High
420535	Flor Do Sertão	0.043	Low-High
420620	Gravatal	0.005	Low-High
420940	Laguna	0.008	High-High
420985	Lindóia Do Sul	0.003	High-High
421230	Paulo Lopes	0.013	Low-High
421300	Pinheiro Preto	0.002	Low-High
421340	Ponte Serrada	0.032	Low-High
421430	Rancho Queimado	0.000	Low-High
421560	Santa Rosa De Lima	0.007	Low-High
421570	Santo Amaro Da Imperatriz	0.000	High-High
421590	São Bonifácio	0.000	High-High
421725	São Pedro De Alcântara	0.000	Low-High
421850	Treze Tilias	0.011	Low-High
421890	Urubici	0.048	Low-High
421915	Vargem	0.027	Low-High
421920	Vidal Ramos	0.044	High-High