

Appendix A: GDP per Capita in Euros at Current Market Prices, EU Member States

| NUTS 0 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------|--------|--------|--------|--------|---------|
| BE | 37,000 | 38,000 | 39,100 | 40,300 | 41,400 |
| BG | 6,400 | 6,800 | 7,400 | 8,000 | 8,800 |
| CZ | 16,100 | 16,800 | 18,300 | 19,800 | 21,000 |
| DK | 48,000 | 49,400 | 51,100 | 52,200 | 53,800 |
| DE | 37,000 | 38,100 | 39,400 | 40,500 | 41,500 |
| EE | 15,800 | 16,700 | 18,100 | 19,700 | 21,200 |
| IE | 56,000 | 57,000 | 62,600 | 67,300 | 72,300 |
| EL | 16,300 | 16,200 | 16,500 | 16,700 | 17,100 |
| ES | 23,200 | 24,000 | 25,000 | 25,800 | 26,400 |
| FR | 33,000 | 33,400 | 34,300 | 35,100 | 36,000 |
| HR | 10,600 | 11,200 | 11,900 | 12,700 | 13,300 |
| IT | 27,300 | 28,000 | 28,700 | 29,300 | 29,700 |
| CY | 21,100 | 22,200 | 23,400 | 24,600 | 25,300 |
| LV | 12,400 | 12,900 | 13,900 | 15,100 | 15,900 |
| LT | 12,900 | 13,600 | 14,900 | 16,200 | 17,500 |
| LU | 91,400 | 93,900 | 95,200 | 98,600 | 102,200 |
| HU | 11,400 | 11,800 | 13,000 | 13,900 | 14,900 |
| MT | 22,400 | 23,200 | 24,900 | 25,800 | 26,700 |
| NL | 40,700 | 41,600 | 43,100 | 44,900 | 46,700 |
| AT | 39,900 | 40,900 | 42,000 | 43,600 | 44,800 |
| PL | 11,200 | 11,100 | 12,200 | 13,000 | 13,900 |
| PT | 17,400 | 18,100 | 19,000 | 20,000 | 20,700 |
| RO | 8,100 | 8,600 | 9,600 | 10,500 | 11,500 |
| SI | 18,800 | 19,600 | 20,800 | 22,100 | 23,200 |
| SK | 14,700 | 14,900 | 15,500 | 16,400 | 17,200 |
| FI | 38,600 | 39,600 | 41,100 | 42,300 | 43,600 |
| SE | 46,500 | 47,000 | 47,700 | 46,300 | 46,200 |

Source: own elaboration, data from Eurostat

Appendix B: GDP per Capita in Euros at Current Market Prices, EU NUTS 2 Regions

| NUTS 2 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------|--------|--------|--------|--------|--------|
| BE10 | 66,200 | 66,700 | 68,500 | 69,200 | 71,100 |
| BE21 | 43,600 | 44,900 | 46,100 | 47,800 | 49,300 |
| BE22 | 29,900 | 30,900 | 32,000 | 32,800 | 33,600 |
| BE23 | 33,800 | 34,800 | 36,100 | 37,000 | 37,800 |
| BE24 | 39,800 | 41,300 | 42,400 | 43,800 | 44,900 |
| BE25 | 35,600 | 36,900 | 38,000 | 39,100 | 40,300 |
| BE31 | 41,100 | 43,400 | 45,400 | 49,300 | 51,800 |
| BE32 | 23,400 | 23,900 | 24,600 | 25,500 | 26,000 |
| BE33 | 26,200 | 26,900 | 27,800 | 28,600 | 29,400 |
| BE34 | 23,000 | 23,300 | 24,000 | 24,800 | 25,500 |
| BE35 | 25,200 | 25,800 | 26,500 | 27,300 | 27,900 |
| BG31 | 3,900 | 4,100 | 4,600 | 5,200 | 5,400 |
| BG32 | 4,400 | 4,700 | 5,000 | 5,400 | 5,900 |
| BG33 | 5,200 | 5,500 | 5,900 | 6,400 | 6,800 |
| BG34 | 5,300 | 6,000 | 6,500 | 6,500 | 6,600 |
| BG41 | 10,400 | 11,000 | 11,900 | 12,900 | 14,800 |
| BG42 | 4,500 | 4,800 | 5,200 | 5,600 | 6,200 |
| CZ01 | 35,700 | 37,300 | 40,300 | 44,300 | 46,400 |
| CZ02 | 14,400 | 15,300 | 16,700 | 17,600 | 18,900 |
| CZ03 | 13,800 | 14,300 | 15,700 | 16,800 | 17,700 |
| CZ04 | 11,600 | 11,800 | 12,800 | 13,500 | 14,600 |
| CZ05 | 12,900 | 13,600 | 15,100 | 16,200 | 17,100 |
| CZ06 | 14,600 | 15,000 | 16,400 | 17,800 | 18,900 |
| CZ07 | 12,900 | 13,500 | 14,900 | 15,900 | 17,000 |
| CZ08 | 13,100 | 13,800 | 14,800 | 16,200 | 16,800 |
| DK01 | 62,500 | 63,500 | 66,200 | 67,600 | 68,900 |
| DK02 | 33,500 | 33,700 | 35,000 | 35,600 | 36,900 |
| DK03 | 43,500 | 44,600 | 45,500 | 46,300 | 47,900 |
| DK04 | 42,000 | 45,300 | 46,700 | 47,400 | 49,600 |
| DK05 | 40,400 | 41,600 | 43,300 | 43,800 | 45,000 |
| DE11 | 49,200 | 49,400 | 51,700 | 53,100 | 54,000 |
| DE12 | 41,400 | 41,900 | 43,600 | 44,700 | 45,700 |
| DE13 | 35,800 | 36,400 | 37,600 | 38,800 | 39,600 |
| DE14 | 39,900 | 41,400 | 42,600 | 43,900 | 44,600 |
| DE21 | 53,800 | 55,500 | 57,800 | 58,400 | 59,700 |
| DE22 | 36,400 | 37,500 | 38,900 | 39,000 | 39,800 |
| DE23 | 38,800 | 39,800 | 41,800 | 42,500 | 43,400 |
| DE24 | 34,700 | 35,900 | 37,500 | 38,300 | 39,300 |
| DE25 | 41,000 | 42,300 | 44,000 | 45,400 | 46,400 |
| DE26 | 37,300 | 38,700 | 40,100 | 40,900 | 42,000 |
| DE27 | 36,700 | 37,800 | 38,800 | 39,900 | 40,700 |
| DE30 | 35,700 | 37,500 | 38,900 | 40,500 | 42,300 |
| DE40 | 26,500 | 27,100 | 28,200 | 28,900 | 29,700 |
| DE50 | 45,700 | 46,500 | 47,600 | 48,400 | 49,500 |
| DE60 | 60,900 | 61,500 | 63,700 | 65,200 | 67,300 |
| DE71 | 48,100 | 49,500 | 50,600 | 51,700 | 53,000 |
| DE72 | 31,300 | 32,300 | 33,500 | 34,500 | 35,500 |
| DE73 | 33,900 | 35,200 | 35,900 | 36,600 | 37,600 |
| DE80 | 25,000 | 25,500 | 27,300 | 27,800 | 29,000 |
| DE91 | 39,800 | 46,400 | 46,500 | 49,200 | 50,200 |
| DE92 | 35,100 | 36,600 | 37,400 | 38,500 | 39,700 |
| DE93 | 25,800 | 26,200 | 27,100 | 27,900 | 28,900 |
| DE94 | 32,300 | 33,400 | 34,700 | 35,300 | 36,500 |

| | | | | | |
|------|--------|--------|--------|--------|--------|
| DEA1 | 38,400 | 38,900 | 40,400 | 41,500 | 42,500 |
| DEA2 | 39,700 | 40,200 | 41,600 | 43,100 | 44,100 |
| DEA3 | 30,500 | 31,300 | 32,500 | 33,300 | 34,100 |
| DEA4 | 34,900 | 35,900 | 36,900 | 38,200 | 39,000 |
| DEA5 | 32,100 | 32,700 | 33,800 | 35,000 | 35,700 |
| DEB1 | 30,800 | 31,300 | 32,700 | 33,700 | 34,100 |
| DEB2 | 28,400 | 29,300 | 29,900 | 30,600 | 31,000 |
| DEB3 | 35,800 | 36,400 | 36,900 | 37,600 | 37,700 |
| DEC0 | 34,300 | 34,500 | 35,500 | 36,100 | 36,800 |
| DED2 | 28,500 | 29,100 | 30,200 | 31,200 | 32,200 |
| DED4 | 25,800 | 26,700 | 27,800 | 28,500 | 29,500 |
| DED5 | 30,000 | 30,800 | 31,900 | 32,600 | 33,500 |
| DEE0 | 25,600 | 26,400 | 27,300 | 28,000 | 28,900 |
| DEF0 | 29,800 | 30,500 | 32,000 | 32,900 | 33,900 |
| DEG0 | 26,600 | 27,400 | 28,400 | 29,000 | 29,900 |
| EE00 | 15,800 | 16,700 | 18,100 | 19,700 | 21,200 |
| IE04 | 27,200 | 25,800 | 26,000 | 27,100 | 29,200 |
| IE05 | 71,700 | 67,000 | 76,400 | 85,500 | 90,000 |
| IE06 | 55,700 | 61,500 | 66,400 | 69,500 | 75,800 |
| EL30 | 22,000 | 21,900 | 22,500 | 22,900 | 23,500 |
| EL41 | 12,600 | 12,100 | 11,700 | 11,400 | 11,200 |
| EL42 | 18,200 | 17,400 | 17,500 | 18,100 | 18,500 |
| EL43 | 14,000 | 13,600 | 14,000 | 14,300 | 14,600 |
| EL51 | 11,200 | 11,300 | 11,300 | 11,400 | 11,600 |
| EL52 | 12,600 | 12,600 | 12,800 | 13,100 | 13,400 |
| EL53 | 17,100 | 15,800 | 15,900 | 15,300 | 14,200 |
| EL54 | 11,600 | 11,600 | 11,600 | 11,800 | 12,000 |
| EL61 | 12,300 | 12,100 | 12,300 | 12,600 | 13,000 |
| EL62 | 14,900 | 14,700 | 14,900 | 15,600 | 16,300 |
| EL63 | 12,000 | 11,700 | 11,900 | 12,100 | 12,400 |
| EL64 | 14,400 | 14,600 | 15,000 | 15,000 | 15,400 |
| EL65 | 13,700 | 13,700 | 14,000 | 13,900 | 14,400 |
| ES11 | 20,800 | 21,500 | 22,300 | 23,100 | 23,900 |
| ES12 | 20,500 | 20,900 | 21,900 | 22,700 | 23,300 |
| ES13 | 21,100 | 21,900 | 22,800 | 23,600 | 24,400 |
| ES21 | 30,000 | 31,000 | 32,100 | 33,200 | 34,100 |
| ES22 | 28,500 | 29,400 | 30,500 | 31,000 | 32,100 |
| ES23 | 25,500 | 25,600 | 26,600 | 27,500 | 28,200 |
| ES24 | 24,900 | 26,000 | 27,100 | 28,000 | 28,700 |
| ES30 | 31,900 | 32,800 | 34,100 | 35,100 | 35,900 |
| ES41 | 21,600 | 22,400 | 23,100 | 24,300 | 24,900 |
| ES42 | 18,100 | 18,800 | 19,600 | 20,500 | 21,000 |
| ES43 | 16,500 | 17,100 | 18,200 | 18,800 | 19,500 |
| ES51 | 27,600 | 28,700 | 29,700 | 30,500 | 31,100 |
| ES52 | 20,300 | 20,900 | 21,900 | 22,600 | 23,200 |
| ES53 | 25,000 | 26,100 | 27,100 | 27,900 | 28,200 |
| ES61 | 17,200 | 17,700 | 18,500 | 19,100 | 19,600 |
| ES62 | 19,500 | 20,000 | 20,700 | 21,100 | 21,600 |
| ES63 | 18,900 | 19,300 | 19,500 | 20,300 | 20,900 |
| ES64 | 17,300 | 17,800 | 17,900 | 18,700 | 19,200 |
| ES70 | 19,100 | 19,600 | 20,400 | 20,900 | 21,200 |
| FR10 | 55,500 | 56,400 | 57,800 | 59,100 | 60,400 |
| FRB0 | 27,400 | 27,500 | 28,100 | 28,800 | 29,200 |
| FRC1 | 27,400 | 27,100 | 28,100 | 29,100 | 29,300 |
| FRC2 | 25,000 | 25,500 | 26,000 | 26,200 | 26,100 |
| FRD1 | 26,300 | 26,500 | 26,400 | 27,200 | 27,400 |
| FRD2 | 28,600 | 28,800 | 29,100 | 29,600 | 29,600 |

| | | | | | |
|------|--------|--------|--------|--------|---------|
| FRE1 | 26,700 | 27,100 | 27,700 | 28,600 | 29,000 |
| FRE2 | 25,100 | 24,700 | 25,500 | 25,800 | 25,900 |
| FRF1 | 30,400 | 30,900 | 31,700 | 32,600 | 33,200 |
| FRF2 | 27,900 | 27,600 | 28,500 | 29,600 | 29,600 |
| FRF3 | 24,700 | 24,600 | 25,200 | 25,600 | 25,500 |
| FRG0 | 29,200 | 29,600 | 30,200 | 30,900 | 32,200 |
| FRH0 | 27,700 | 28,100 | 29,000 | 29,500 | 30,300 |
| FRI1 | 28,900 | 29,400 | 29,900 | 30,800 | 32,100 |
| FRI2 | 24,800 | 24,600 | 26,000 | 25,800 | 25,000 |
| FRI3 | 26,600 | 26,700 | 27,400 | 28,300 | 29,000 |
| FRJ1 | 24,800 | 25,000 | 25,600 | 26,000 | 27,100 |
| FRJ2 | 30,100 | 30,600 | 31,200 | 32,400 | 34,100 |
| FRK1 | 26,300 | 26,400 | 27,000 | 27,500 | 29,400 |
| FRK2 | 32,800 | 33,400 | 34,300 | 35,300 | 36,800 |
| FRL0 | 30,800 | 31,200 | 32,100 | 32,800 | 33,600 |
| FRM0 | 26,200 | 26,200 | 26,700 | 27,600 | 29,200 |
| FRY1 | 21,200 | 21,800 | 22,800 | 23,600 | 23,000 |
| FRY2 | 22,900 | 23,100 | 23,400 | 24,000 | 23,700 |
| FRY3 | 15,100 | 15,300 | 14,600 | 14,800 | 16,400 |
| FRY4 | 20,600 | 21,100 | 21,800 | 22,300 | 22,900 |
| FRY5 | 8,800 | 9,000 | 9,300 | 9,200 | 10,900 |
| HR03 | 10,300 | 10,900 | 11,800 | 12,400 | 13,100 |
| HR04 | 10,700 | 11,300 | 12,000 | 12,800 | 13,500 |
| ITC1 | 28,700 | 29,600 | 30,700 | 31,400 | 31,700 |
| ITC2 | 36,400 | 36,300 | 37,800 | 38,300 | 38,700 |
| ITC3 | 29,900 | 30,700 | 31,500 | 31,700 | 32,200 |
| ITC4 | 36,200 | 37,300 | 38,200 | 39,100 | 39,500 |
| ITH1 | 43,500 | 44,200 | 45,500 | 47,100 | 48,000 |
| ITH2 | 35,900 | 36,500 | 37,200 | 38,600 | 38,700 |
| ITH3 | 30,600 | 31,700 | 32,600 | 33,200 | 33,600 |
| ITH4 | 29,500 | 30,000 | 30,700 | 31,600 | 32,000 |
| ITH5 | 33,400 | 34,400 | 35,400 | 36,200 | 36,700 |
| ITI1 | 29,300 | 30,000 | 30,700 | 31,400 | 31,900 |
| ITI2 | 24,200 | 24,400 | 25,100 | 26,000 | 26,400 |
| ITI3 | 25,800 | 26,400 | 27,100 | 27,600 | 27,800 |
| ITI4 | 31,500 | 32,800 | 33,300 | 33,800 | 34,200 |
| ITF1 | 24,000 | 24,100 | 24,900 | 25,100 | 25,300 |
| ITF2 | 19,600 | 19,900 | 20,400 | 21,000 | 21,300 |
| ITF3 | 17,700 | 18,000 | 18,500 | 18,700 | 18,900 |
| ITF4 | 17,700 | 18,100 | 18,400 | 18,900 | 19,300 |
| ITF5 | 21,500 | 21,500 | 21,900 | 23,100 | 23,400 |
| ITF6 | 16,300 | 16,600 | 17,000 | 17,000 | 17,400 |
| ITG1 | 16,900 | 17,100 | 17,500 | 17,700 | 17,900 |
| ITG2 | 20,300 | 20,200 | 20,700 | 21,100 | 21,600 |
| CY00 | 21,100 | 22,200 | 23,400 | 24,600 | 25,300 |
| LV00 | 12,400 | 12,900 | 13,900 | 15,100 | 15,900 |
| LT01 | 18,700 | 19,700 | 21,400 | 23,400 | 25,400 |
| LT02 | 10,600 | 11,200 | 12,400 | 13,300 | 14,200 |
| LU00 | 91,400 | 93,900 | 95,200 | 98,600 | 102,200 |
| HU11 | 22,900 | 23,800 | 26,400 | 28,200 | 30,900 |
| HU12 | 9,600 | 9,600 | 10,200 | 11,000 | 11,900 |
| HU21 | 10,700 | 11,300 | 12,100 | 13,000 | 13,800 |
| HU22 | 12,400 | 12,900 | 13,600 | 14,100 | 14,500 |
| HU23 | 7,600 | 7,900 | 8,800 | 9,600 | 10,300 |
| HU31 | 7,600 | 7,900 | 8,900 | 9,600 | 10,000 |
| HU32 | 7,300 | 7,500 | 8,300 | 8,900 | 9,700 |
| HU33 | 8,300 | 8,500 | 9,300 | 10,200 | 10,900 |

| | | | | | |
|------|--------|--------|--------|--------|--------|
| MT00 | 22,400 | 23,200 | 24,900 | 25,700 | 26,600 |
| NL11 | 42,700 | 40,200 | 41,200 | 42,100 | 42,200 |
| NL12 | 28,200 | 28,500 | 29,500 | 30,900 | 31,900 |
| NL13 | 28,300 | 28,400 | 29,300 | 30,800 | 31,800 |
| NL21 | 33,200 | 34,500 | 35,800 | 37,700 | 39,300 |
| NL22 | 33,900 | 34,800 | 36,300 | 37,800 | 39,300 |
| NL23 | 30,100 | 31,100 | 32,300 | 33,400 | 35,100 |
| NL31 | 49,800 | 50,400 | 52,900 | 55,300 | 57,800 |
| NL32 | 52,900 | 54,600 | 56,500 | 59,400 | 62,000 |
| NL33 | 41,000 | 41,700 | 42,500 | 43,900 | 45,800 |
| NL34 | 32,400 | 33,200 | 33,900 | 36,000 | 37,600 |
| NL41 | 40,700 | 41,800 | 43,800 | 45,600 | 47,300 |
| NL42 | 34,900 | 36,700 | 38,100 | 39,600 | 41,000 |
| AT11 | 27,800 | 28,600 | 30,000 | 30,700 | 31,600 |
| AT12 | 32,800 | 33,500 | 34,800 | 35,900 | 36,700 |
| AT13 | 48,100 | 49,600 | 49,600 | 51,300 | 52,700 |
| AT21 | 33,500 | 34,000 | 35,500 | 37,400 | 38,300 |
| AT22 | 35,700 | 36,900 | 38,300 | 39,400 | 40,800 |
| AT31 | 40,600 | 41,600 | 42,800 | 44,800 | 46,000 |
| AT32 | 47,300 | 48,900 | 50,200 | 51,900 | 53,600 |
| AT33 | 42,600 | 43,600 | 44,700 | 46,500 | 48,100 |
| AT34 | 44,700 | 44,100 | 46,000 | 49,200 | 48,400 |
| PL21 | 10,100 | 10,100 | 11,100 | 11,900 | 12,700 |
| PL22 | 11,600 | 11,500 | 12,600 | 13,500 | 14,200 |
| PL41 | 12,100 | 12,100 | 13,300 | 14,000 | 15,000 |
| PL42 | 9,500 | 9,300 | 10,100 | 10,800 | 11,500 |
| PL43 | 9,400 | 9,300 | 10,100 | 10,700 | 11,300 |
| PL51 | 12,500 | 12,300 | 13,400 | 14,200 | 15,200 |
| PL52 | 9,000 | 8,900 | 9,600 | 10,300 | 10,900 |
| PL61 | 9,100 | 9,100 | 9,800 | 10,500 | 11,000 |
| PL62 | 8,000 | 7,900 | 8,500 | 8,900 | 9,500 |
| PL63 | 10,800 | 10,800 | 11,800 | 12,600 | 13,500 |
| PL71 | 10,500 | 10,400 | 11,300 | 12,100 | 13,100 |
| PL72 | 8,100 | 8,000 | 8,700 | 9,400 | 9,900 |
| PL81 | 7,700 | 7,700 | 8,400 | 8,800 | 9,500 |
| PL82 | 8,000 | 7,900 | 8,500 | 9,200 | 9,700 |
| PL84 | 8,000 | 7,900 | 8,800 | 9,300 | 10,000 |
| PL91 | 24,400 | 24,100 | 26,600 | 28,400 | 30,500 |
| PL92 | 9,600 | 9,500 | 10,400 | 11,000 | 12,000 |
| PT11 | 14,600 | 15,300 | 16,100 | 17,000 | 17,700 |
| PT15 | 17,800 | 19,300 | 20,900 | 22,200 | 23,200 |
| PT16 | 15,000 | 15,700 | 16,500 | 17,300 | 18,000 |
| PT17 | 23,100 | 23,800 | 24,900 | 25,900 | 26,900 |
| PT18 | 16,400 | 16,800 | 18,000 | 18,500 | 19,000 |
| PT20 | 15,500 | 16,200 | 16,800 | 17,600 | 18,400 |
| PT30 | 16,700 | 17,500 | 18,800 | 19,400 | 20,000 |
| RO11 | 7,100 | 7,800 | 8,900 | 9,600 | 10,500 |
| RO12 | 7,500 | 8,200 | 9,100 | 10,000 | 10,900 |
| RO21 | 4,900 | 5,300 | 6,000 | 6,600 | 7,200 |
| RO22 | 6,900 | 7,200 | 7,900 | 8,700 | 9,600 |
| RO31 | 6,400 | 6,900 | 7,400 | 8,200 | 8,900 |
| RO32 | 19,400 | 20,200 | 22,200 | 23,900 | 26,400 |
| RO41 | 5,900 | 6,200 | 7,100 | 8,100 | 8,900 |
| RO42 | 8,400 | 9,200 | 9,900 | 10,800 | 11,700 |
| SI03 | 15,600 | 16,200 | 17,200 | 18,200 | 19,100 |
| SI04 | 22,400 | 23,400 | 24,900 | 26,500 | 27,600 |
| SK01 | 36,200 | 36,600 | 37,500 | 39,100 | 39,700 |

| | | | | | |
|------|--------|--------|--------|--------|--------|
| SK02 | 13,400 | 13,600 | 14,100 | 14,800 | 15,800 |
| SK03 | 11,800 | 11,900 | 12,300 | 13,100 | 14,100 |
| SK04 | 10,300 | 10,400 | 11,100 | 11,800 | 12,200 |
| FI19 | 34,400 | 35,000 | 36,200 | 37,400 | 38,400 |
| FI1B | 51,200 | 52,100 | 53,700 | 55,100 | 56,500 |
| FI1C | 33,800 | 34,800 | 36,600 | 37,600 | 38,900 |
| FI1D | 31,400 | 32,800 | 34,200 | 35,300 | 36,200 |
| FI20 | 47,900 | 47,000 | 47,500 | 44,000 | 45,500 |
| SE11 | 65,700 | 65,700 | 65,300 | 63,600 | 64,700 |
| SE12 | 39,400 | 40,100 | 41,100 | 39,900 | 38,900 |
| SE21 | 39,300 | 40,300 | 41,200 | 39,700 | 38,900 |
| SE22 | 39,900 | 40,100 | 41,300 | 39,600 | 39,400 |
| SE23 | 45,200 | 46,000 | 47,000 | 44,900 | 44,600 |
| SE31 | 36,600 | 37,500 | 38,000 | 37,300 | 36,600 |
| SE32 | 39,400 | 39,700 | 40,600 | 39,600 | 39,500 |

Source: own elaboration, data from Eurostat

Appendix C: Division of NUTS 2 Regions Into Quadrants of the Correlation Diagram

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|------------|--|
| Quadrant 1 | BE31, CZ01, DK04, DE30, DE80, DE91, IE05, IE06, ES24, HU11, MT00, NL21, NL22, NL23, NL31, NL32, NL34, NL41, NL42, PL91, PT17, SI04, FI1C, FI1D |
| Quadrant 2 | BG31, BG32, BG33, BG34, BG41, BG42, CZ02, CZ03, CZ04, CZ05, CZ06, CZ07, CZ08, EE00, ES11, ES13, ES41, ES42, ES43, FRY5, HR03, HR04, CY00, LV00, LT01, LT02, HU12, HU21, HU22, HU23, HU31, HU32, HU33, PL21, PL22, PL41, PL42, PL43, PL51, PL52, PL61, PL62, PL63, PL71, PL72, PL81, PL82, PL84, PL92, PT11, PT15, PT16, PT18, PT20, PT30, RO11, RO12, RO21, RO22, RO31, RO32, RO41, RO42, SI03, SK02, SK03, SK04 |
| Quadrant 3 | EL30, EL41, EL42, EL43, EL51, EL52, EL53, EL54, EL61, EL62, EL63, EL64, EL65, ES12, ES52, ES61, ES62, ES63, ES64, ES70, FRY1, FRY3, FRY4, ITF2, ITF3, ITF4, ITF5, ITF6, ITG1, ITG2 |
| Quadrant 4 | BE10, BE21, BE22, BE23, BE24, BE25, BE32, BE33, BE34, BE35, DK01, DK02, DK03, DK05, DE11, DE12, DE13, DE14, DE21, DE22, DE23, DE24, DE25, DE26, DE27, DE40, DE50, DE60, DE71, DE72, DE73, DE92, DE93, DE94, DEA1, DEA2, DEA3, DEA4, DEA5, DEB1, DEB2, DEB3, DEC0, DED2, DED4, DED5, DEE0, DEF0, DEG0, IE04, ES21, ES22, ES23, ES30, ES51, ES53, FR10, FRB0, FRC1, FRC2, FRD1, FRD2, FRE1, FRE2, FRF1, FRF2, FRF3, FRG0, FRH0, FRI1, FRI2, FRI3, FRJ1, FRJ2, FRK1, FRK2, FRL0, FRM0, FRY2, ITC1, ITC2, ITC3, ITC4, ITH1, ITH2, ITH3, ITH4, ITH5, ITI1, ITI2, ITI3, ITI4, ITF1, LU00, NL11, NL12, NL13, NL33, AT11, AT12, AT13, AT21, AT22, AT31, AT32, AT33, AT34, SK01, FI19, FI1B, FI20, SE11, SE12, SE21, SE22, SE23, SE31, SE32, SE33 |

Source: own elaboration

Appendix D: Values of Individual Indicators for NUTS 2 Regions, Average 2015-2019

X1... GDP per capita in Euros at current market prices

X2... unemployment (in %)

X3... net disposable income of households per capita in Euros

X4... population aged 25-64 with tertiary education (ISCED 5-8) (in %)

X5... gross domestic expenditure on research and development (GERD) (in %)

X6... employment in technology and knowledge-intensive sectors (in %)

X7... share of population with tertiary education on employment (in %)

| NUTS 2 | X1 | X2 | X3 | X4 | X5 | X6 | X7 |
|--------|--------|------|--------|------|------|-----|------|
| BE10 | 68,340 | 15.0 | 18,800 | 45.7 | 2.05 | 6.4 | 55.4 |
| BE21 | 46,340 | 5.2 | 21,280 | 38.1 | 3.27 | 5.5 | 43.1 |
| BE22 | 31,840 | 4.5 | 20,520 | 34.6 | 1.48 | 3.0 | 40.2 |
| BE23 | 35,900 | 3.5 | 22,260 | 40.8 | 2.64 | 4.4 | 45.2 |
| BE24 | 42,440 | 4.4 | 23,940 | 48.1 | 4.14 | 6.5 | 52.1 |
| BE25 | 37,980 | 3.2 | 21,860 | 36.0 | 1.22 | 2.7 | 40.1 |
| BE31 | 46,200 | 7.2 | 22,520 | 55.5 | 7.15 | 7.8 | 59.0 |
| BE32 | 24,680 | 11.0 | 17,740 | 30.3 | 1.45 | 3.7 | 39.7 |
| BE33 | 27,780 | 9.9 | 18,360 | 35.3 | 2.12 | 3.2 | 43.0 |
| BE34 | 24,120 | 6.9 | 19,260 | 37.7 | 0.45 | 2.8 | 42.7 |
| BE35 | 26,540 | 8.7 | 18,920 | 37.5 | 1.07 | 5.1 | 44.5 |
| BG31 | 4,640 | 11.2 | 3,200 | 20.2 | 0.48 | 2.0 | 26.6 |
| BG32 | 5,080 | 7.7 | 3,600 | 24.6 | 0.40 | 2.1 | 28.7 |
| BG33 | 5,960 | 8.6 | 3,520 | 25.3 | 0.46 | 1.7 | 29.0 |
| BG34 | 6,180 | 6.9 | 3,620 | 21.7 | 0.32 | 1.3 | 25.0 |
| BG41 | 12,200 | 4.1 | 6,220 | 39.5 | 1.22 | 7.8 | 42.0 |
| BG42 | 5,260 | 5.8 | 3,580 | 22.1 | 0.49 | 2.1 | 25.3 |
| CZ01 | 40,800 | 1.9 | 12,440 | 44.3 | 2.45 | 9.5 | 44.3 |
| CZ02 | 16,580 | 2.4 | 9,740 | 22.3 | 2.31 | 4.6 | 22.9 |
| CZ03 | 15,660 | 2.4 | 8,780 | 19.6 | 1.46 | 3.8 | 20.2 |
| CZ04 | 12,860 | 4.5 | 7,980 | 14.2 | 0.34 | 2.1 | 15.3 |
| CZ05 | 14,980 | 3.1 | 8,640 | 19.6 | 1.36 | 4.4 | 20.2 |
| CZ06 | 16,540 | 3.2 | 8,900 | 25.4 | 2.48 | 5.1 | 26.0 |
| CZ07 | 14,840 | 3.4 | 8,280 | 19.7 | 1.42 | 4.0 | 20.4 |
| CZ08 | 14,940 | 5.4 | 8,140 | 20.3 | 1.11 | 3.7 | 22.0 |
| DK01 | 65,740 | 5.9 | 23,640 | 50.2 | 4.70 | 9.1 | 46.8 |
| DK02 | 34,940 | 5.6 | 22,200 | 30.1 | 1.24 | 5.0 | 29.1 |
| DK03 | 45,560 | 5.6 | 21,520 | 31.7 | 1.61 | 2.4 | 30.3 |
| DK04 | 46,200 | 5.2 | 21,820 | 36.9 | 2.46 | 4.0 | 34.0 |
| DK05 | 42,820 | 5.9 | 21,600 | 31.0 | 1.78 | 2.8 | 29.6 |
| DE11 | 51,480 | 2.9 | 24,520 | 33.0 | 6.99 | 4.5 | 32.4 |
| DE12 | 43,460 | 3.1 | 22,900 | 31.8 | 4.91 | 5.7 | 31.2 |
| DE13 | 37,640 | 2.6 | 23,620 | 29.2 | 2.76 | 5.6 | 28.3 |
| DE14 | 42,480 | 2.3 | 23,660 | 31.0 | 4.86 | 5.2 | 30.2 |
| DE21 | 57,040 | 2.3 | 26,840 | 39.2 | 4.26 | 7.0 | 38.1 |
| DE22 | 38,320 | 2.1 | 22,380 | 21.9 | 1.40 | 2.6 | 21.4 |
| DE23 | 41,260 | 2.4 | 22,140 | 25.0 | 2.40 | 5.2 | 25.0 |
| DE24 | 37,140 | 3.0 | 22,160 | 24.5 | 2.17 | 2.7 | 24.1 |
| DE25 | 43,820 | 2.3 | 23,160 | 29.9 | 3.67 | 5.3 | 29.8 |
| DE26 | 39,800 | 2.4 | 22,700 | 27.6 | 2.58 | 3.1 | 27.3 |
| DE27 | 38,780 | 2.6 | 23,300 | 26.1 | 1.62 | 3.4 | 25.3 |
| DE30 | 38,980 | 7.1 | 19,540 | 40.3 | 3.43 | 7.2 | 42.7 |
| DE40 | 28,080 | 4.5 | 19,480 | 27.8 | 1.72 | 2.9 | 29.0 |

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|------|--------|------|--------|------|----------|---------|------|
| DE50 | 47,540 | 4.9 | 20,180 | 27.9 | 2.87 | 3.5 | 28.7 |
| DE60 | 63,720 | 4.1 | 23,960 | 36.2 | 2.19 | 5.5 | 37.1 |
| DE71 | 50,580 | 3.6 | 23,620 | 33.7 | 3.30 | 5.9 | 34.3 |
| DE72 | 33,420 | 3.7 | 21,140 | 28.0 | 2.46 | 4.2 | 28.2 |
| DE73 | 35,840 | 3.1 | 20,880 | 24.8 | 1.75 | 2.6 | 25.0 |
| DE80 | 26,920 | 5.6 | 18,500 | 25.9 | 1.82 | 2.0 | 27.2 |
| DE91 | 46,420 | 4.2 | 21,060 | 27.2 | 8.34 | 3.4 | 28.2 |
| DE92 | 37,460 | 4.3 | 20,800 | 26.6 | 2.35 | 3.3 | 27.3 |
| DE93 | 27,180 | 3.1 | 21,540 | 23.2 | 0.92 | 2.2 | 23.5 |
| DE94 | 34,440 | 3.3 | 20,360 | 21.1 | 0.96 | 1.6 | 21.4 |
| DEA1 | 40,340 | 4.6 | 21,120 | 26.0 | 1.92 | 3.4 | 27.7 |
| DEA2 | 41,740 | 3.9 | 21,400 | 30.1 | 2.94 | 5.0 | 31.4 |
| DEA3 | 32,340 | 3.9 | 20,500 | 24.5 | 1.24 | 2.5 | 25.2 |
| DEA4 | 36,980 | 3.8 | 21,660 | 23.1 | 1.95 | 3.2 | 23.4 |
| DEA5 | 33,860 | 4.7 | 20,860 | 22.6 | 1.76 | 2.8 | 24.0 |
| DEB1 | 32,520 | 3.0 | 21,780 | 24.3 | 0.77 | 2.7 | 24.4 |
| DEB3 | 36,880 | 3.8 | 21,880 | 28.2 | 3.82 | 4.4 | 28.8 |
| DEC0 | 35,440 | 4.5 | 19,820 | 23.0 | 1.72 | 2.8 | 24.5 |
| DED2 | 30,240 | 4.6 | 19,240 | 31.5 | 4.19 | 4.8 | 32.5 |
| DED4 | 27,660 | 4.2 | 19,360 | 24.8 | 1.85 | 2.4 | 25.9 |
| DED5 | 31,760 | 5.7 | 18,960 | 32.3 | 2.05 | 4.4 | 33.3 |
| DEE0 | 27,240 | 6.4 | 18,580 | 22.6 | 1.48 | 2.3 | 24.3 |
| DEF0 | 31,820 | 3.6 | 21,840 | 24.2 | 1.58 | 3.1 | 24.2 |
| DEG0 | 28,260 | 4.6 | 18,740 | 27.3 | 2.20 | 3.5 | 28.5 |
| EE00 | 18,300 | 5.8 | 9,340 | 39.9 | 1.41 | 5.2 | 39.4 |
| IE04 | 27,060 | 7.1 | 16,520 | 40.9 | 1.20 (a) | 5.0 | 41.4 |
| IE05 | 78,120 | 7.6 | 19,060 | 41.9 | 1.20 (a) | 7.8 | 43.0 |
| IE06 | 65,780 | 6.9 | 21,800 | 50.5 | 1.20 (a) | 9.7 | 52.5 |
| EL30 | 22,560 | 21.3 | 11,280 | 38.6 | 1.45 | 2.6 (a) | 45.5 |
| EL41 | 11,800 | 19.8 | 9,240 | 24.8 | 0.71 | 2.6 (a) | 28.1 |
| EL42 | 17,940 | 15.8 | 11,920 | 20.0 | 0.20 | 2.6 (a) | 23.3 |
| EL43 | 14,100 | 17.9 | 9,180 | 26.3 | 1.49 | 2.6 (a) | 28.2 |
| EL51 | 11,360 | 19.6 | 8,620 | 24.2 | 0.74 | 2.6 (a) | 27.5 |
| EL52 | 12,900 | 22.7 | 9,400 | 30.9 | 1.07 | 2.6 (a) | 35.9 |
| EL53 | 15,660 | 28.6 | 9,940 | 24.3 | 0.42 | 2.6 (a) | 28.3 |
| EL54 | 11,720 | 22.1 | 9,360 | 29.9 | 1.38 | 2.6 (a) | 34.5 |
| EL61 | 12,460 | 22.1 | 8,940 | 28.8 | 0.78 | 2.6 (a) | 32.8 |
| EL62 | 15,280 | 16.6 | 11,740 | 21.6 | 0.37 | 2.6 (a) | 24.7 |
| EL63 | 12,020 | 26.6 | 8,400 | 22.4 | 1.35 | 2.6 (a) | 25.9 |
| EL64 | 14,880 | 21.6 | 8,660 | 22.0 | 0.54 | 2.6 (a) | 25.1 |
| EL65 | 13,940 | 16.9 | 9,040 | 22.6 | 0.49 | 2.6 (a) | 25.1 |
| ES11 | 22,320 | 15.5 | 13,720 | 36.4 | 0.92 | 2.8 | 42.5 |
| ES12 | 21,860 | 15.6 | 15,020 | 41.7 | 0.78 | 3.1 | 49.5 |
| ES13 | 22,760 | 13.4 | 14,640 | 40.0 | 0.84 | 2.8 | 45.8 |
| ES21 | 32,080 | 11.6 | 18,900 | 49.3 | 1.96 | 3.7 | 55.9 |
| ES22 | 30,300 | 10.9 | 17,420 | 45.0 | 1.70 | 2.4 | 50.3 |
| ES23 | 26,680 | 12.3 | 15,180 | 38.3 | 0.84 | 1.5 | 42.0 |
| ES24 | 26,940 | 12.7 | 15,600 | 37.2 | 0.91 | 2.8 | 41.8 |
| ES30 | 33,960 | 13.8 | 18,460 | 47.4 | 1.69 | 8.4 | 52.1 |
| ES41 | 23,260 | 14.4 | 14,540 | 35.8 | 1.20 | 2.0 | 40.6 |
| ES42 | 19,600 | 21.0 | 12,280 | 28.2 | 0.56 | 2.4 | 33.7 |
| ES43 | 18,020 | 25.6 | 11,400 | 26.3 | 0.62 | 1.3 | 33.4 |
| ES51 | 29,520 | 14.0 | 16,720 | 39.7 | 1.50 | 4.7 | 45.3 |
| ES52 | 21,780 | 18.3 | 13,060 | 34.3 | 1.03 | 2.2 | 38.9 |
| ES53 | 26,860 | 13.4 | 14,940 | 29.8 | 0.36 | 1.6 | 33.2 |
| ES61 | 18,420 | 26.0 | 11,540 | 29.7 | 0.94 | 2.2 | 36.7 |
| ES62 | 20,580 | 18.8 | 11,960 | 29.8 | 0.93 | 1.5 | 35.1 |

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|------|--------|------|--------|------|----------|-----|------|
| FR10 | 57,840 | 8.8 | 22,920 | 48.5 | 2.21 (a) | 7.4 | 52.2 |
| FRB0 | 28,200 | 9.1 | 19,600 | 30.4 | 2.21 (a) | 3.6 | 34.5 |
| FRC1 | 28,200 | 9.1 | 19,360 | 29.2 | 2.21 (a) | 2.3 | 33.2 |
| FRC2 | 25,760 | 7.9 | 19,560 | 29.6 | 2.21 (a) | 5.0 | 33.5 |
| FRD1 | 26,760 | 8.2 | 19,120 | 26.5 | 2.21 (a) | 2.6 | 29.5 |
| FRD2 | 29,140 | 10.5 | 19,200 | 27.6 | 2.21 (a) | 2.9 | 33.2 |
| FRE1 | 27,820 | 12.7 | 16,920 | 30.2 | 2.21 (a) | 2.2 | 38.4 |
| FRE2 | 25,400 | 10.1 | 18,620 | 25.4 | 2.21 (a) | 2.3 | 30.5 |
| FRF1 | 31,760 | 8.9 | 19,520 | 33.3 | 2.21 (a) | 4.2 | 38.1 |
| FRF2 | 28,640 | 10.4 | 18,440 | 25.4 | 2.21 (a) | 1.4 | 30.8 |
| FRF3 | 25,120 | 10.6 | 18,880 | 30.6 | 2.21 (a) | 2.0 | 36.5 |
| FRG0 | 30,420 | 8.1 | 18,860 | 33.5 | 2.21 (a) | 3.5 | 37.5 |
| FRH0 | 28,920 | 7.5 | 18,820 | 35.2 | 2.21 (a) | 3.3 | 38.3 |
| FRI1 | 30,220 | 9.6 | 19,080 | 34.3 | 2.21 (a) | 3.3 | 37.8 |
| FRI2 | 25,240 | 7.3 | 19,180 | 31.6 | 2.21 (a) | 1.9 | 35.3 |
| FRI3 | 27,600 | 8.9 | 19,080 | 29.1 | 2.21 (a) | 1.7 | 33.0 |
| FRJ1 | 25,700 | 11.9 | 17,660 | 32.5 | 2.21 (a) | 2.6 | 38.1 |
| FRJ2 | 31,680 | 7.7 | 19,020 | 41.2 | 2.21 (a) | 4.9 | 45.3 |
| FRK1 | 27,320 | 7.5 | 19,920 | 29.7 | 2.21 (a) | 2.9 | 33.5 |
| FRK2 | 34,520 | 7.8 | 20,080 | 39.5 | 2.21 (a) | 4.7 | 43.2 |
| FRL0 | 32,100 | 10.0 | 19,560 | 36.8 | 2.21 (a) | 3.8 | 41.3 |
| FRM0 | 27,180 | 8.3 | 17,880 | 29.7 | 2.21 (a) | 1.6 | 33.9 |
| HR03 | 11,700 | 11.5 | 7,060 | 25.0 | 0.43 | 2.0 | 29.4 |
| HR04 | 12,060 | 10.9 | 6,880 | 23.5 | 1.16 | 4.6 | 28.2 |
| ITC1 | 30,420 | 8.9 | 19,840 | 18.1 | 2.18 | 3.6 | 20.5 |
| ITC3 | 31,200 | 9.6 | 19,680 | 20.6 | 1.46 | 3.6 | 23.7 |
| ITC4 | 38,060 | 6.7 | 21,460 | 20.3 | 1.29 | 4.9 | 23.0 |
| ITH1 | 45,660 | 3.3 | 23,620 | 16.9 | 0.72 | 1.9 | 17.0 |
| ITH2 | 37,380 | 5.9 | 19,640 | 20.2 | 1.57 | 3.3 | 22.0 |
| ITH3 | 32,340 | 6.5 | 19,020 | 17.6 | 1.30 | 2.7 | 19.5 |
| ITH4 | 30,760 | 7.0 | 19,760 | 19.3 | 1.62 | 3.1 | 21.3 |
| ITH5 | 35,220 | 6.6 | 21,240 | 21.4 | 1.97 | 3.3 | 23.2 |
| ITI1 | 30,660 | 8.3 | 18,920 | 20.5 | 1.46 | 3.2 | 22.7 |
| ITI2 | 25,220 | 9.7 | 17,660 | 20.9 | 1.00 | 2.5 | 23.5 |
| ITI3 | 26,940 | 9.6 | 17,820 | 20.1 | 1.03 | 2.6 | 22.1 |
| ITI4 | 33,120 | 11.0 | 18,460 | 24.6 | 1.69 | 6.6 | 28.8 |
| ITF1 | 24,680 | 11.7 | 15,340 | 18.4 | 0.98 | 3.1 | 20.6 |
| ITF2 | 20,440 | 13.4 | 13,800 | 19.0 | 1.18 | 1.9 | 22.7 |
| ITF3 | 18,360 | 20.3 | 12,620 | 15.4 | 1.26 | 2.2 | 21.7 |
| ITF4 | 18,480 | 17.8 | 13,480 | 14.1 | 0.83 | 1.4 | 19.1 |
| ITF5 | 22,280 | 12.6 | 13,340 | 16.1 | 0.63 | 1.9 | 19.1 |
| ITF6 | 16,860 | 22.1 | 12,400 | 15.4 | 0.58 | 1.2 | 20.6 |
| ITG1 | 17,420 | 21.3 | 12,860 | 13.6 | 0.84 | 1.9 | 19.7 |
| ITG2 | 20,780 | 16.4 | 14,360 | 15.9 | 0.82 | 1.7 | 20.4 |
| CY00 | 23,320 | 10.9 | 14,320 | 42.7 | 0.58 | 3.0 | 45.9 |
| LV00 | 14,040 | 8.4 | 7,720 | 33.7 | 0.57 | 3.4 | 37.1 |
| LT01 | 21,720 | 5.4 | 10,460 | 53.4 | 1.33 | 5.4 | 56.1 |
| LT02 | 12,340 | 8.2 | 8,280 | 35.4 | 0.67 | 1.4 | 39.8 |
| LU00 | 96,260 | 5.9 | 32,900 | 42.9 | 1.24 | 4.0 | 42.9 |
| HU11 | 26,440 | 3.6 | 9,900 | 44.5 | 2.38 | 9.6 | 46.8 |
| HU12 | 10,460 | 3.2 | 6,580 | 26.7 | 0.81 | 6.9 | 27.9 |
| HU21 | 12,180 | 2.8 | 6,800 | 20.0 | 1.02 | 3.8 | 21.1 |
| HU22 | 13,500 | 2.5 | 6,660 | 20.5 | 0.64 | 4.0 | 21.4 |
| HU23 | 8,840 | 6.2 | 5,940 | 18.4 | 0.56 | 2.9 | 21.0 |
| HU31 | 8,800 | 6.0 | 5,460 | 17.4 | 0.52 | 5.0 | 19.7 |
| HU32 | 8,340 | 8.1 | 5,600 | 17.9 | 0.95 | 3.4 | 20.0 |
| HU33 | 9,440 | 4.9 | 6,120 | 20.2 | 1.20 | 2.0 | 22.1 |

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|------|--------|------|--------|------|----------|-----|------|
| MT00 | 24,560 | 4.3 | 12,040 | 24.8 | 0.59 | 5.8 | 29.2 |
| NL11 | 41,680 | 7.0 | 18,480 | 36.0 | 2.16 (a) | 3.9 | 36.5 |
| NL12 | 29,800 | 5.7 | 18,760 | 29.3 | 2.16 (a) | 1.7 | 28.5 |
| NL13 | 29,720 | 5.2 | 19,020 | 30.2 | 2.16 (a) | 2.4 | 29.5 |
| NL21 | 36,100 | 5.0 | 18,620 | 33.1 | 2.16 (a) | 3.1 | 32.2 |
| NL22 | 36,420 | 4.6 | 19,340 | 34.9 | 2.16 (a) | 3.6 | 34.0 |
| NL23 | 32,400 | 5.9 | 19,020 | 31.1 | 2.16 (a) | 4.1 | 30.1 |
| NL31 | 53,240 | 4.4 | 21,100 | 49.3 | 2.16 (a) | 5.6 | 47.4 |
| NL32 | 57,080 | 4.6 | 21,120 | 44.6 | 2.16 (a) | 4.8 | 43.4 |
| NL33 | 42,980 | 5.8 | 19,700 | 38.0 | 2.16 (a) | 4.2 | 38.0 |
| NL34 | 34,620 | 3.5 | 19,320 | 27.6 | 2.16 (a) | 1.9 | 26.1 |
| NL41 | 43,840 | 4.5 | 19,820 | 35.2 | 2.16 (a) | 3.8 | 34.5 |
| NL42 | 38,060 | 4.7 | 18,980 | 31.1 | 2.16 (a) | 2.6 | 31.1 |
| AT11 | 29,740 | 4.8 | 23,400 | 28.7 | 0.90 | 3.1 | 32.5 |
| AT12 | 34,740 | 4.6 | 23,820 | 31.4 | 1.80 | 4.2 | 34.3 |
| AT13 | 50,260 | 10.3 | 21,560 | 41.3 | 3.62 | 6.6 | 45.3 |
| AT21 | 35,740 | 4.8 | 22,260 | 29.8 | 3.09 | 4.1 | 32.8 |
| AT22 | 38,220 | 4.3 | 22,540 | 28.1 | 5.05 | 3.8 | 31.1 |
| AT31 | 43,160 | 3.7 | 23,060 | 29.3 | 3.37 | 3.1 | 30.7 |
| AT32 | 50,380 | 3.0 | 23,360 | 31.6 | 1.60 | 2.9 | 32.9 |
| AT33 | 45,100 | 2.9 | 22,480 | 28.7 | 2.94 | 3.6 | 29.8 |
| AT34 | 46,480 | 3.4 | 23,940 | 27.7 | 1.78 | 2.4 | 29.0 |
| PL21 | 11,180 | 4.5 | 6,780 | 32.0 | 1.97 | 3.6 | 36.7 |
| PL22 | 12,680 | 4.5 | 7,900 | 28.3 | 0.68 | 2.5 | 34.3 |
| PL41 | 13,300 | 3.7 | 7,340 | 26.3 | 0.71 | 2.1 | 29.9 |
| PL42 | 10,240 | 5.2 | 6,920 | 27.0 | 0.44 | 1.9 | 32.2 |
| PL43 | 10,160 | 4.0 | 6,380 | 23.8 | 0.35 | 2.2 | 28.2 |
| PL51 | 13,520 | 4.8 | 7,420 | 30.4 | 0.96 | 4.6 | 35.8 |
| PL52 | 9,740 | 4.4 | 6,380 | 25.5 | 0.46 | 1.8 | 29.6 |
| PL61 | 9,900 | 5.8 | 6,400 | 23.8 | 0.54 | 2.4 | 28.4 |
| PL62 | 8,560 | 6.9 | 6,180 | 23.3 | 0.50 | 1.3 | 29.0 |
| PL63 | 11,900 | 4.5 | 6,940 | 31.7 | 1.28 | 4.1 | 36.0 |
| PL71 | 11,480 | 5.2 | 7,240 | 28.0 | 0.82 | 3.1 | 31.8 |
| PL72 | 8,820 | 7.2 | 6,200 | 27.9 | 0.43 | 1.0 | 31.5 |
| PL81 | 8,420 | 7.3 | 6,140 | 28.1 | 0.98 | 1.7 | 32.6 |
| PL82 | 8,660 | 8.2 | 5,660 | 27.8 | 1.10 | 1.7 | 32.2 |
| PL84 | 8,800 | 4.9 | 5,920 | 30.6 | 0.64 | 1.4 | 34.5 |
| PL91 | 26,800 | 3.3 | 9,800 | 55.0 | 2.33 | 9.1 | 58.5 |
| PL92 | 10,500 | 6.6 | 6,960 | 23.2 | 0.40 | 1.6 | 26.4 |
| PT11 | 16,140 | 10.0 | 10,420 | 20.9 | 1.45 | 2.4 | 23.1 |
| PT16 | 16,500 | 7.2 | 11,160 | 23.4 | 1.30 | 1.9 | 24.8 |
| PT17 | 24,920 | 9.8 | 13,800 | 33.1 | 1.60 | 5.4 | 35.8 |
| PT18 | 17,740 | 9.7 | 11,360 | 19.2 | 0.61 | 2.0 | 21.1 |
| RO11 | 8,780 | 3.7 | 5,460 | 17.7 | 0.26 | 2.6 | 20.4 |
| RO12 | 9,140 | 5.3 | 5,480 | 17.9 | 0.30 | 2.6 | 23.2 |
| RO21 | 6,000 | 2.8 | 4,120 | 11.9 | 0.27 | 1.2 | 11.7 |
| RO22 | 8,060 | 7.1 | 4,720 | 13.1 | 0.08 | 1.0 | 16.3 |
| RO31 | 7,560 | 7.2 | 4,520 | 13.0 | 0.35 | 1.1 | 15.3 |
| RO32 | 22,420 | 4.1 | 10,640 | 36.5 | 1.08 | 8.7 | 42.8 |
| RO41 | 7,240 | 7.9 | 4,460 | 15.9 | 0.18 | 1.0 | 18.3 |
| RO42 | 10,000 | 4.3 | 6,240 | 15.9 | 0.42 | 5.7 | 20.4 |
| SI03 | 17,260 | 7.3 | 11,180 | 27.5 | 1.52 | 4.5 | 31.1 |
| SI04 | 24,960 | 6.0 | 11,660 | 36.8 | 2.39 | 7.0 | 39.6 |
| SK01 | 37,820 | 4.1 | 14,340 | 41.7 | 1.51 | 9.6 | 42.6 |
| SK02 | 14,340 | 6.2 | 8,340 | 20.2 | 0.68 | 3.7 | 21.1 |
| SK03 | 12,640 | 9.3 | 8,360 | 20.9 | 0.72 | 3.4 | 22.2 |
| SK04 | 11,160 | 11.9 | 7,580 | 21.3 | 0.56 | 3.3 | 23.8 |

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|------|--------|-----|--------|------|------|-----|------|
| FI19 | 36,280 | 8.5 | 19,840 | 41.9 | 2.60 | 4.0 | 41.4 |
| FI1B | 53,720 | 7.3 | 23,400 | 52.0 | 3.48 | 9.6 | 51.1 |
| FI1C | 36,340 | 8.3 | 20,460 | 40.2 | 1.82 | 3.7 | 40.5 |
| FI1D | 33,980 | 9.2 | 19,460 | 38.6 | 2.54 | 3.9 | 39.4 |
| SE11 | 65,000 | 6.3 | 24,880 | 51.1 | 3.59 | 8.6 | 49.9 |
| SE12 | 39,880 | 7.5 | 20,860 | 39.2 | 3.80 | 4.4 | 38.7 |
| SE21 | 39,880 | 5.9 | 20,660 | 34.9 | 1.50 | 2.1 | 33.8 |
| SE22 | 40,060 | 8.8 | 21,280 | 43.8 | 3.35 | 4.8 | 43.7 |
| SE23 | 45,540 | 6.2 | 21,960 | 40.9 | 4.57 | 4.3 | 39.7 |
| SE31 | 37,200 | 7.2 | 20,420 | 32.8 | 1.26 | 2.7 | 33.1 |
| SE32 | 39,760 | 6.5 | 20,520 | 34.5 | 0.74 | 3.4 | 34.4 |
| SE33 | 43,560 | 6.1 | 20,720 | 38.5 | 2.50 | 3.0 | 37.0 |

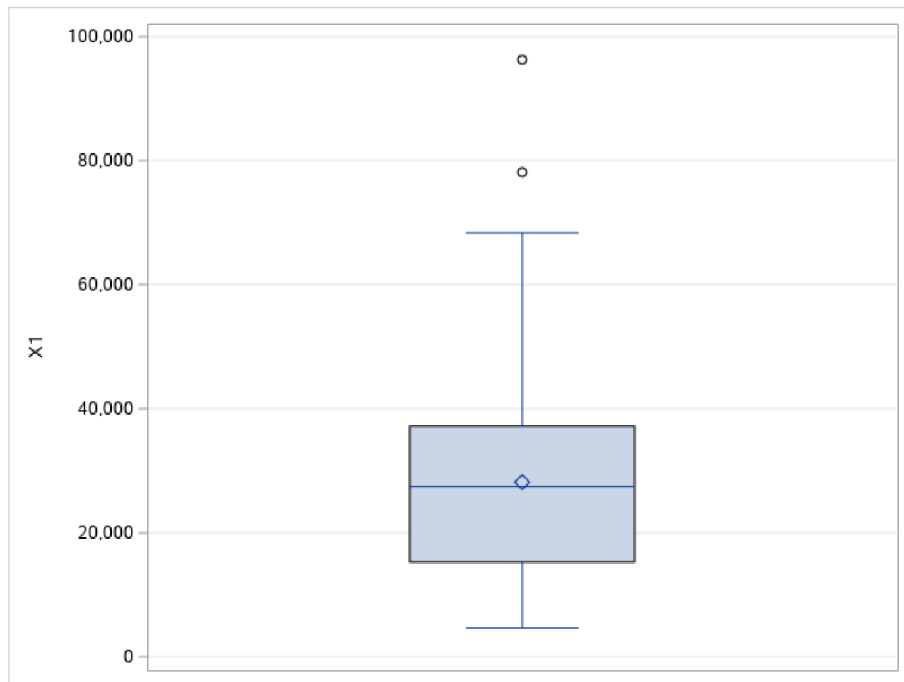
Source: own elaboration in MS Excel, data from Eurostat

Special value:

(a) value approximated by national value

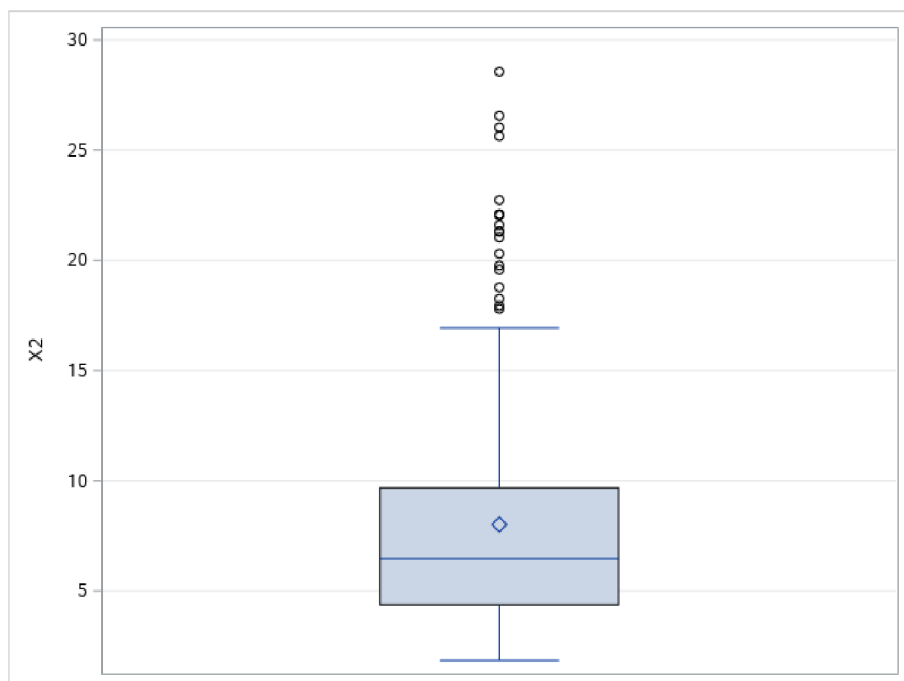
Appendix E: Boxplots of Summary Statistics

GDP per Capita, Average 2015-2019, 226 Regions



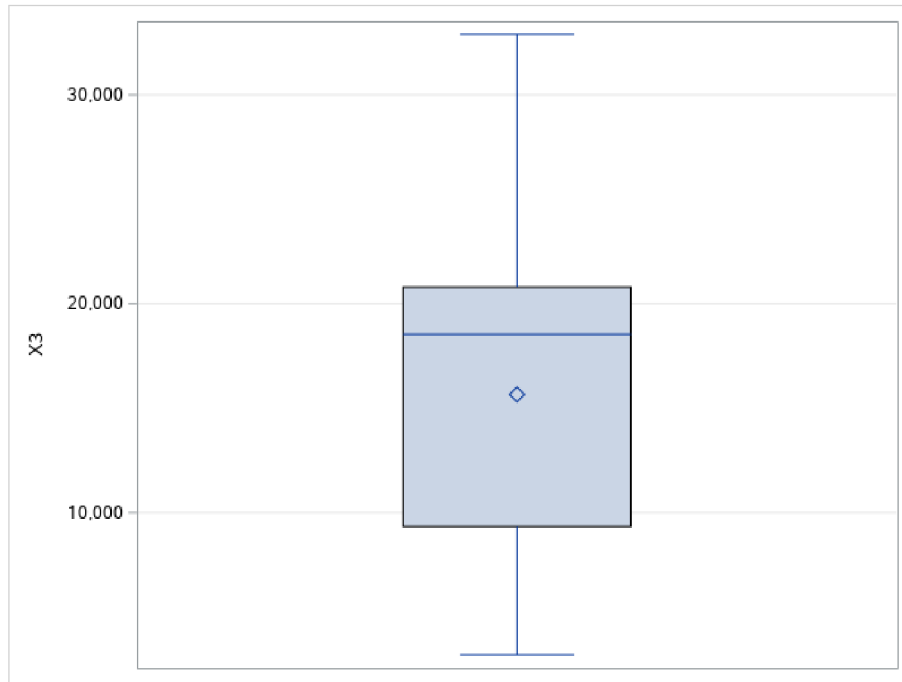
Source: own elaboration in SAS Studio

Unemployment (%), Average 2015-2019, 226 Regions



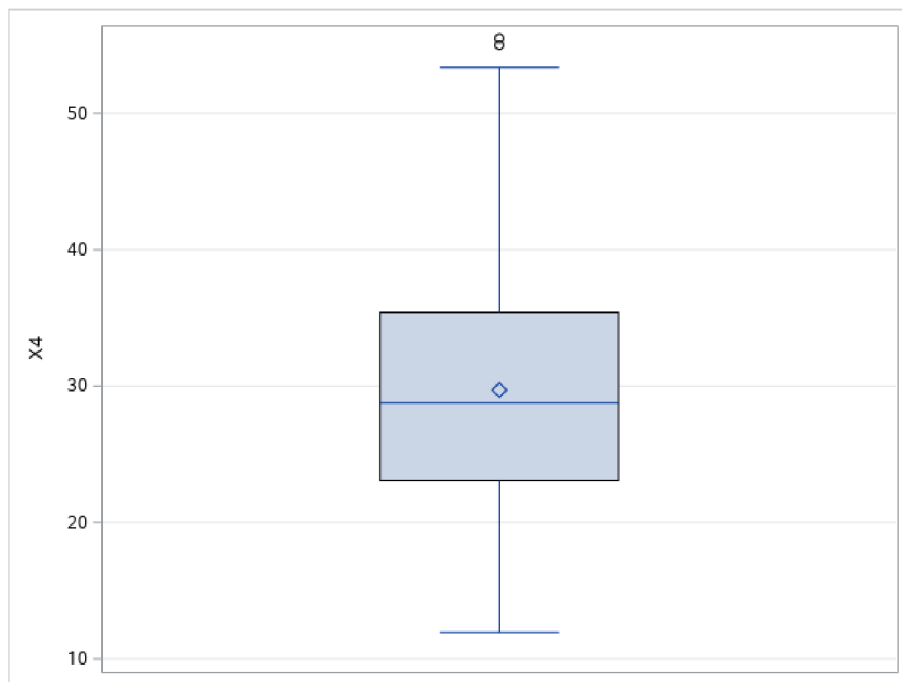
Source: own elaboration in SAS Studio

Net Disposable Income of Households per Capita, Average 2015-2019, 226 Regions



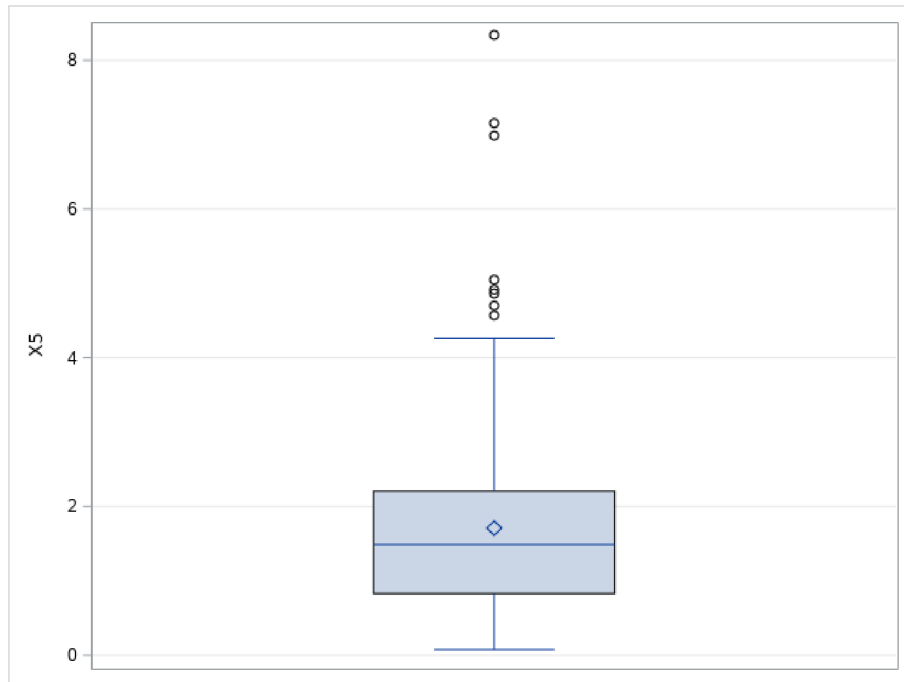
Source: own elaboration in SAS Studio

Population With Tertiary Education (%), Average 2015-2019, 226 Regions



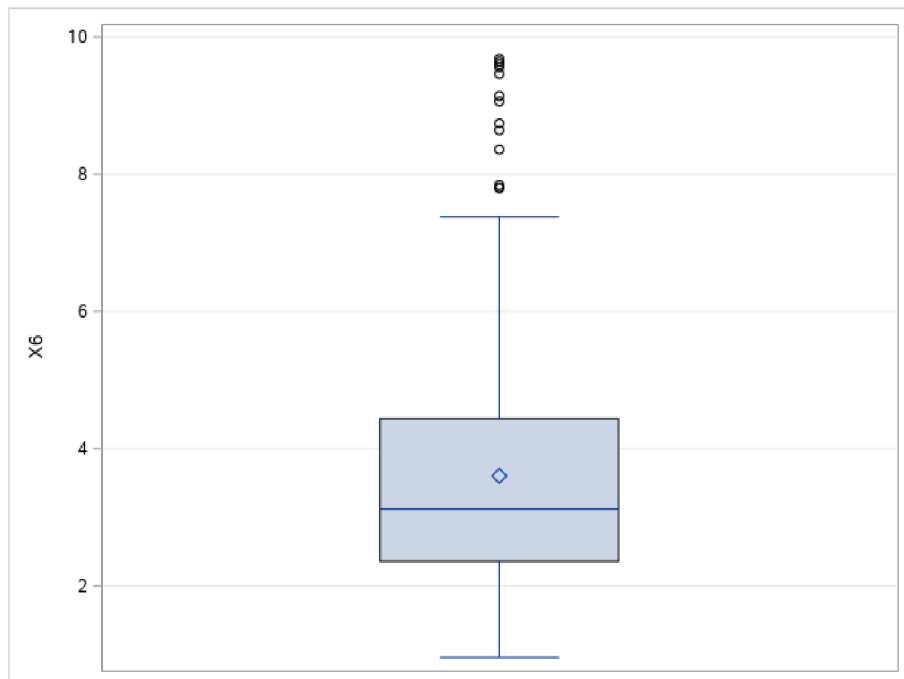
Source: own elaboration in SAS Studio

GERD (%), Average 2015-2019, 226 Regions



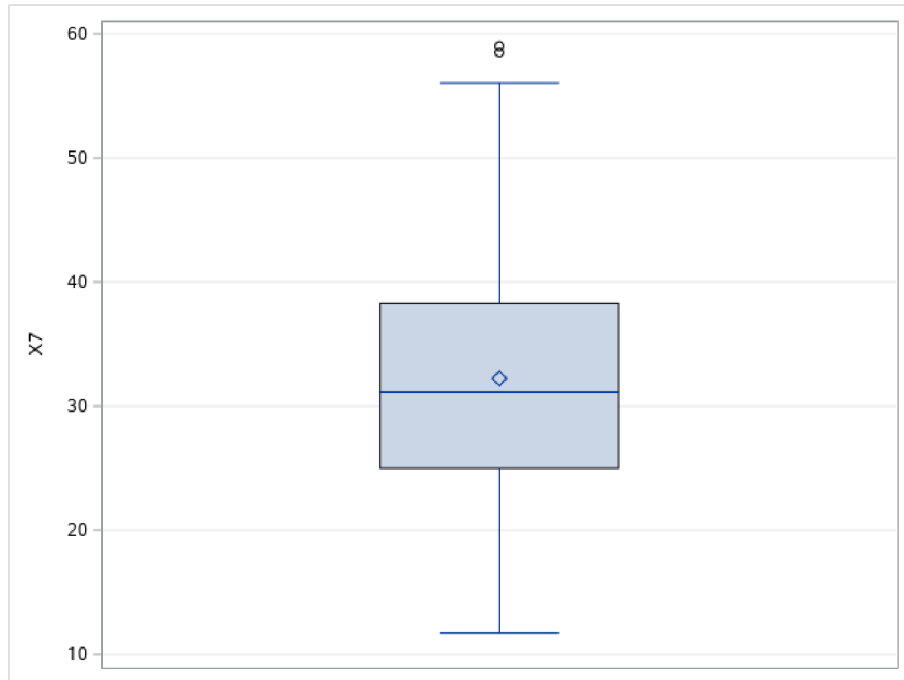
Source: own elaboration in SAS Studio

Employment in Technology and Knowledge-Intensive Sectors (%),
Average 2015-2019, 226 Regions



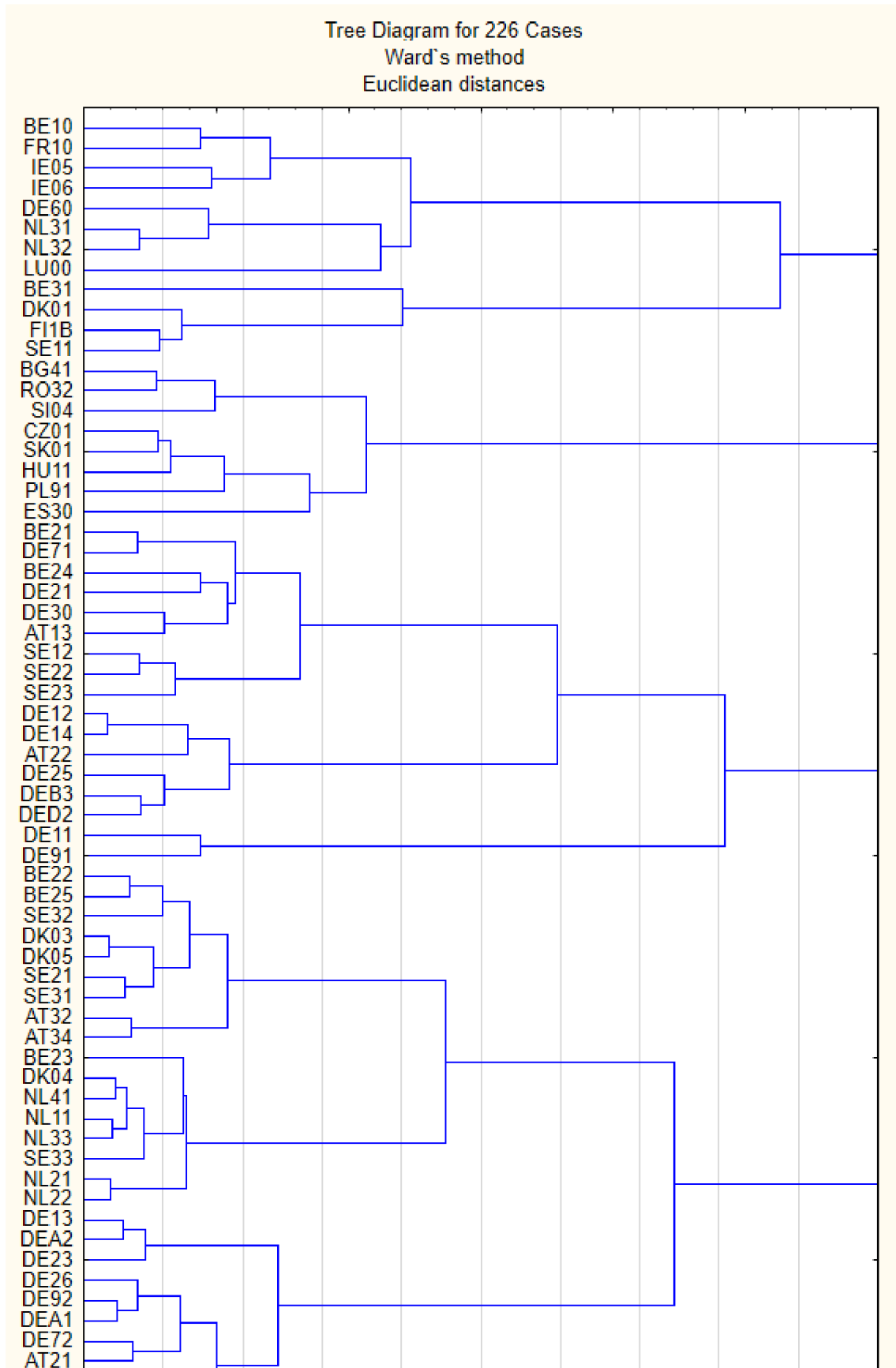
Source: own elaboration in SAS Studio

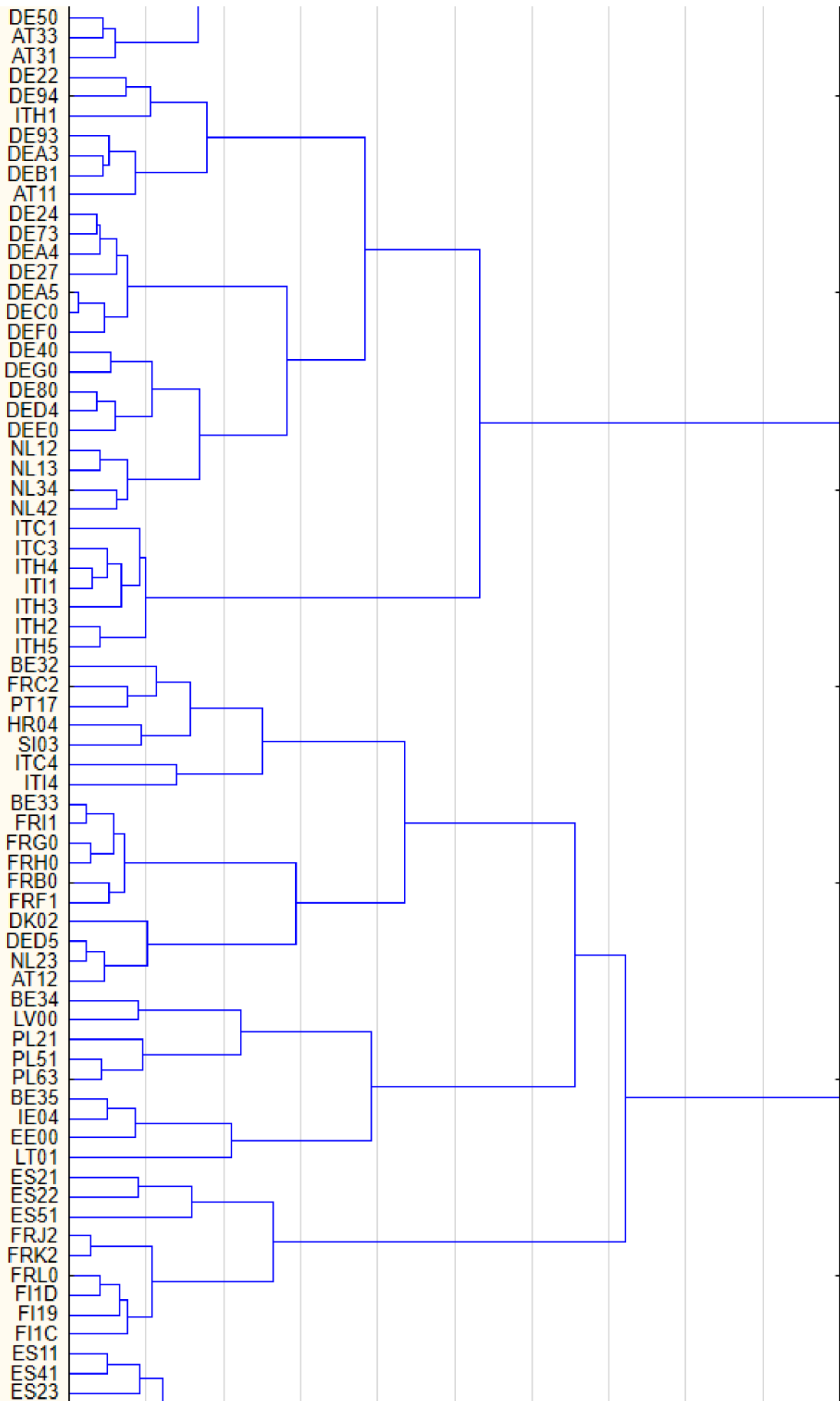
Share of Population With Tertiary Education on Employment (%),
Average 2015-2019, 226 Regions

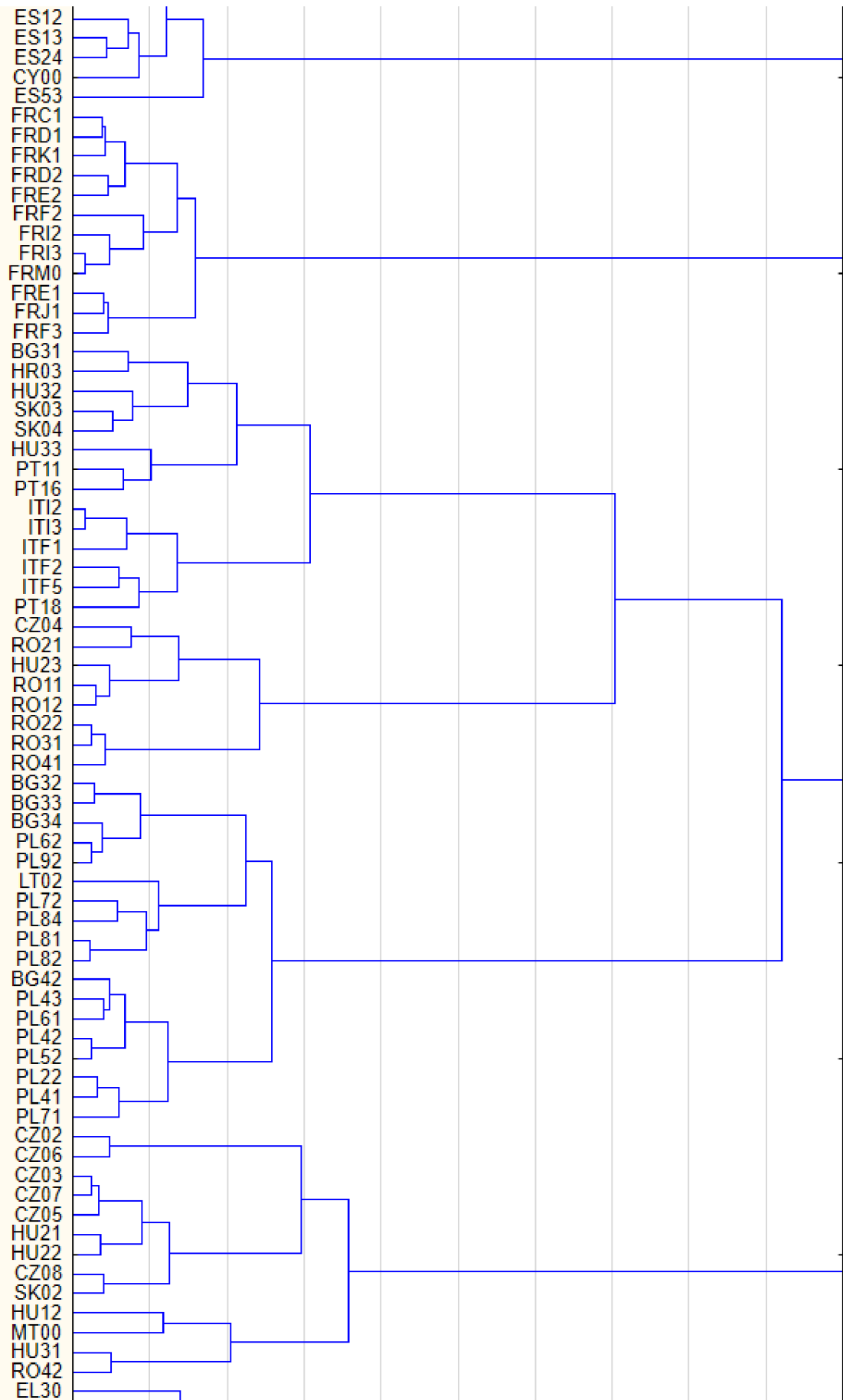


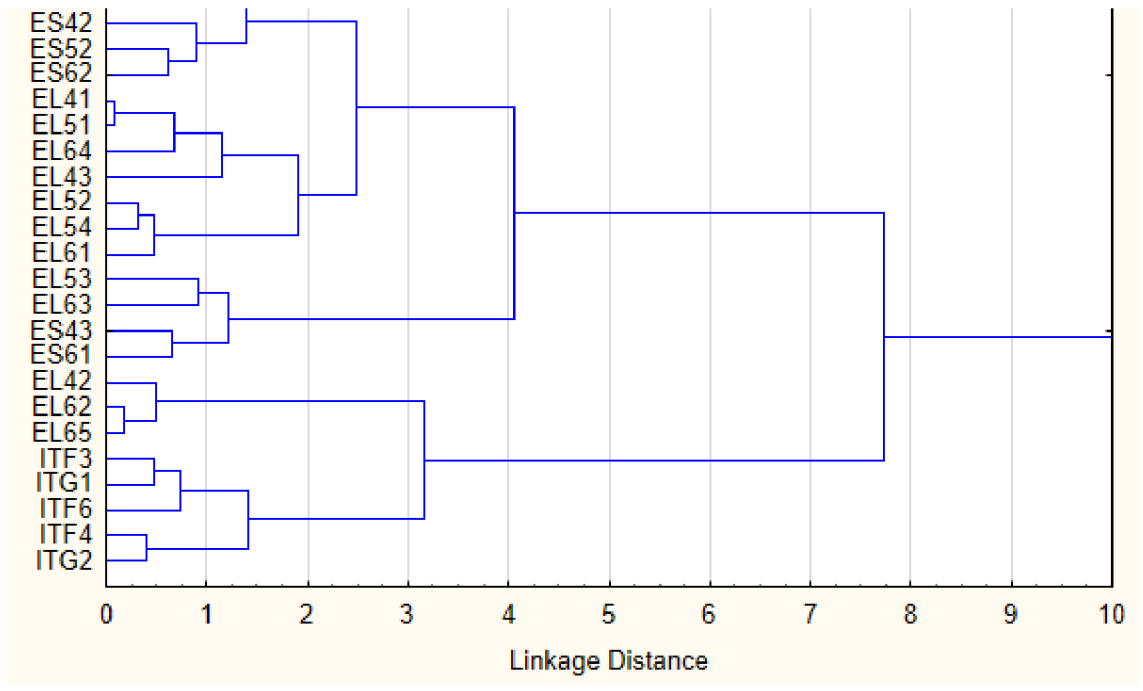
Source: own elaboration in SAS Studio

Appendix F: Tree Diagram









Source: own elaboration in Statistica 14

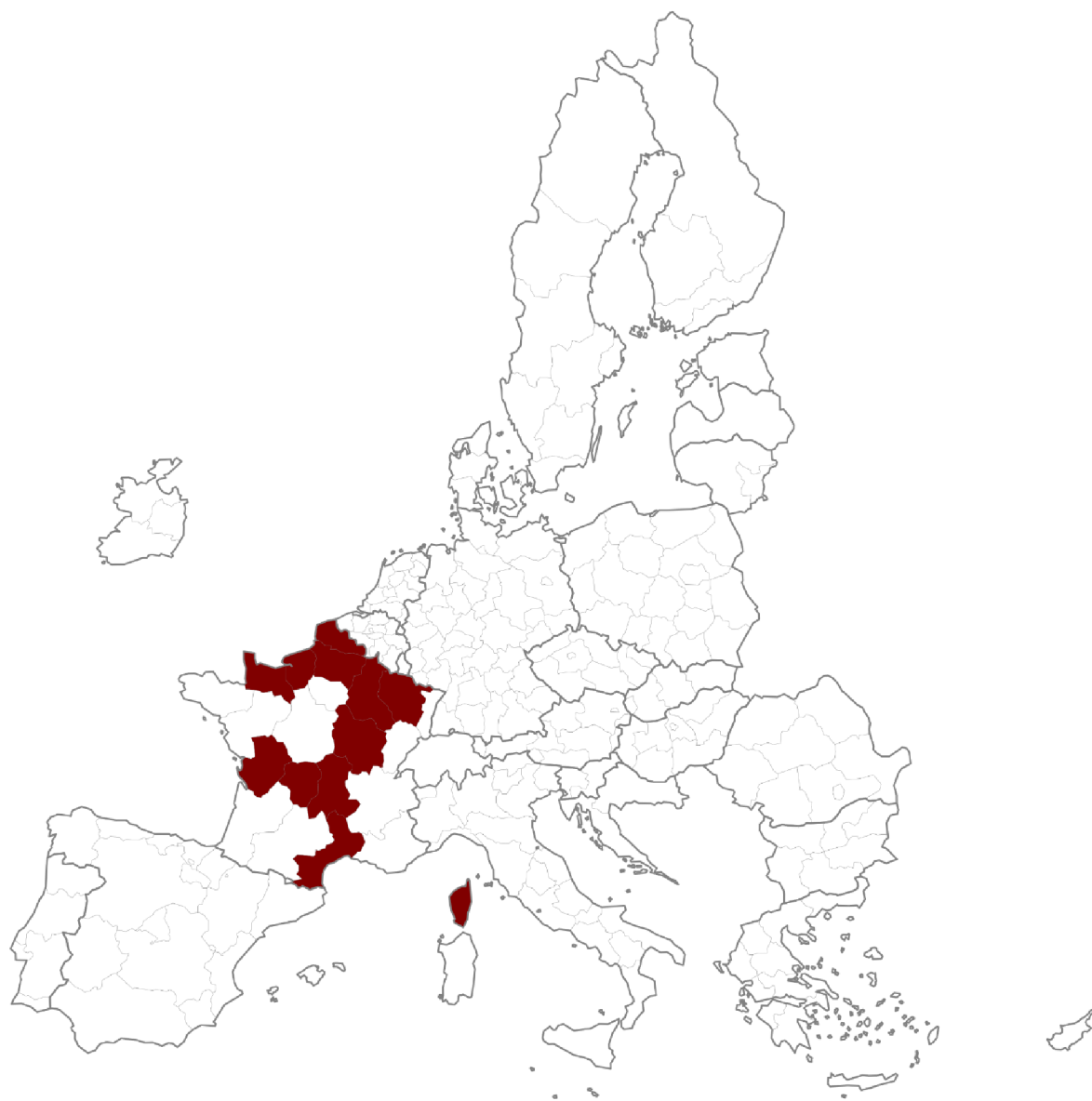
Appendix G: Division of NUTS 2 Regions Into Clusters

| | |
|------------|--|
| Cluster 1 | FRC1, FRD1, FRD2, FRE1, FRE2, FRF2, FRF3, FRI2, FRI3, FRJ1, FRK1, FRM0 |
| Cluster 2 | ES11, ES12, ES13, ES23, ES24, ES41, ES53, CY00 |
| Cluster 3 | BG41, CZ01, ES30, HU11, PL91, RO32, SI04, SK01 |
| Cluster 4 | CZ02, CZ03, CZ05, CZ06, CZ07, CZ08, HU12, HU21, HU22, HU31, MT00, RO42, SK02 |
| Cluster 5 | DE22, DE24, DE27, DE40, DE73, DE80, DE93, DE94, DEA3, DEA4, DEA5, DEB1, DEC0, DED4, DEE0, DEF0, DEG0, ITC1, ITC3, ITH1, ITH2, ITH3, ITH4, ITH5, ITI1, NL12, NL13, NL34, NL42, AT11 |
| Cluster 6 | BE32, BE33, BE34, BE35, DK02, DED5, EE00, IE04, ES21, ES22, ES51, FRB0, FRC2, FRF1, FRG0, FRH0, FRI1, FRJ2, FRK2, FRL0, HR04, ITC4, ITI4, LV00, LT01, NL23, AT12, PL21, PL51, PL63, PT17, SI03, FI19, FI1C, FI1D |
| Cluster 7 | BE22, BE23, BE25, DK03, DK04, DK05, DE13, DE23, DE26, DE50, DE72, DE92, DEA1, DEA2, NL11, NL21, NL22, NL33, NL41, AT21, AT31, AT32, AT33, AT34, SE21, SE31, SE32, SE33 |
| Cluster 8 | EL30, EL41, EL42, EL43, EL51, EL52, EL53, EL54, EL61, EL62, EL63, EL64, EL65, ES42, ES43, ES52, ES61, ES62, ITF3, ITF4, ITF6, ITG1, ITG2 |
| Cluster 9 | BE21, BE24, DE11, DE12, DE14, DE21, DE25, DE30, DE71, DE91, DEB3, DED2, AT13, AT22, SE12, SE22, SE23 |
| Cluster 10 | BE10, BE31, DK01, DE60, IE05, IE06, FR10, LU00, NL31, NL32, FI1B, SE11 |
| Cluster 11 | BG31, BG32, BG33, BG34, BG42, CZ04, HR03, ITI2, ITI3, ITF1, ITF2, ITF5, LT02, HU23, HU32, HU33, PL22, PL41, PL42, PL43, PL52, PL61, PL62, PL71, PL72, PL81, PL82, PL84, PL92, PT11, PT16, PT18, RO11, RO12, RO21, RO22, RO31, RO41, SK03, SK04 |

Source: own elaboration

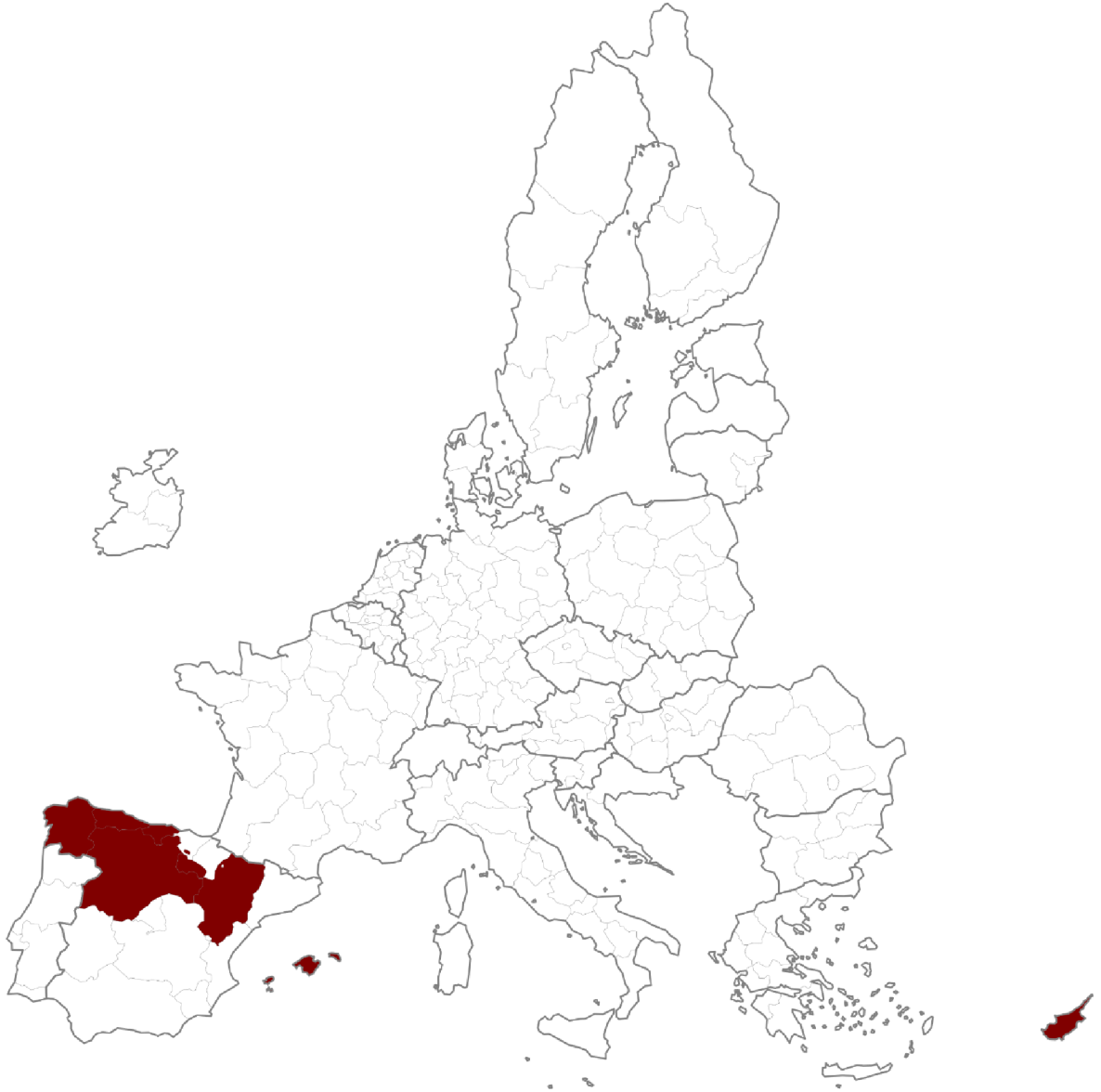
Appendix H: Cartograms of Individual Clusters

Cartogram of Cluster 1



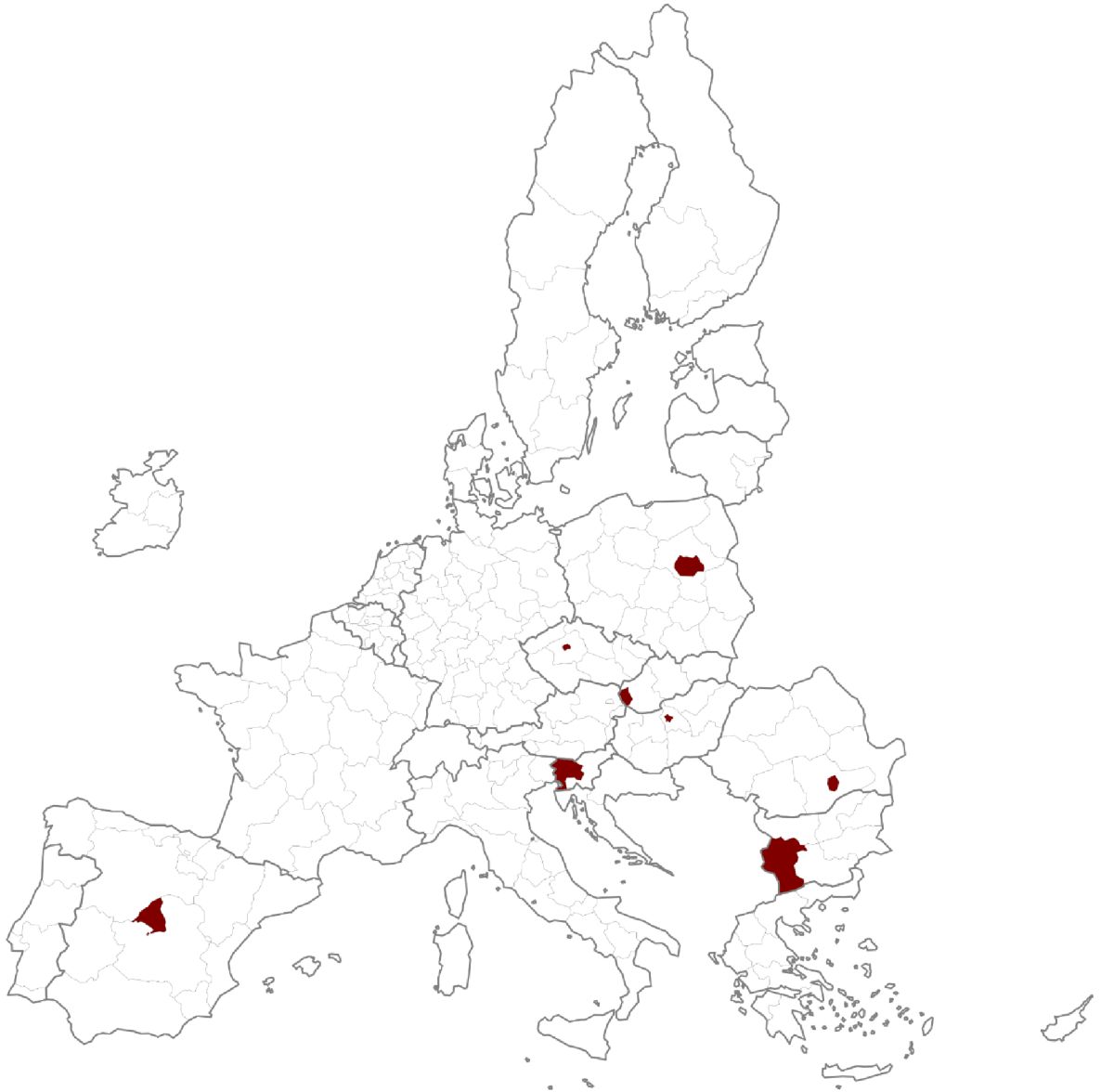
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 2



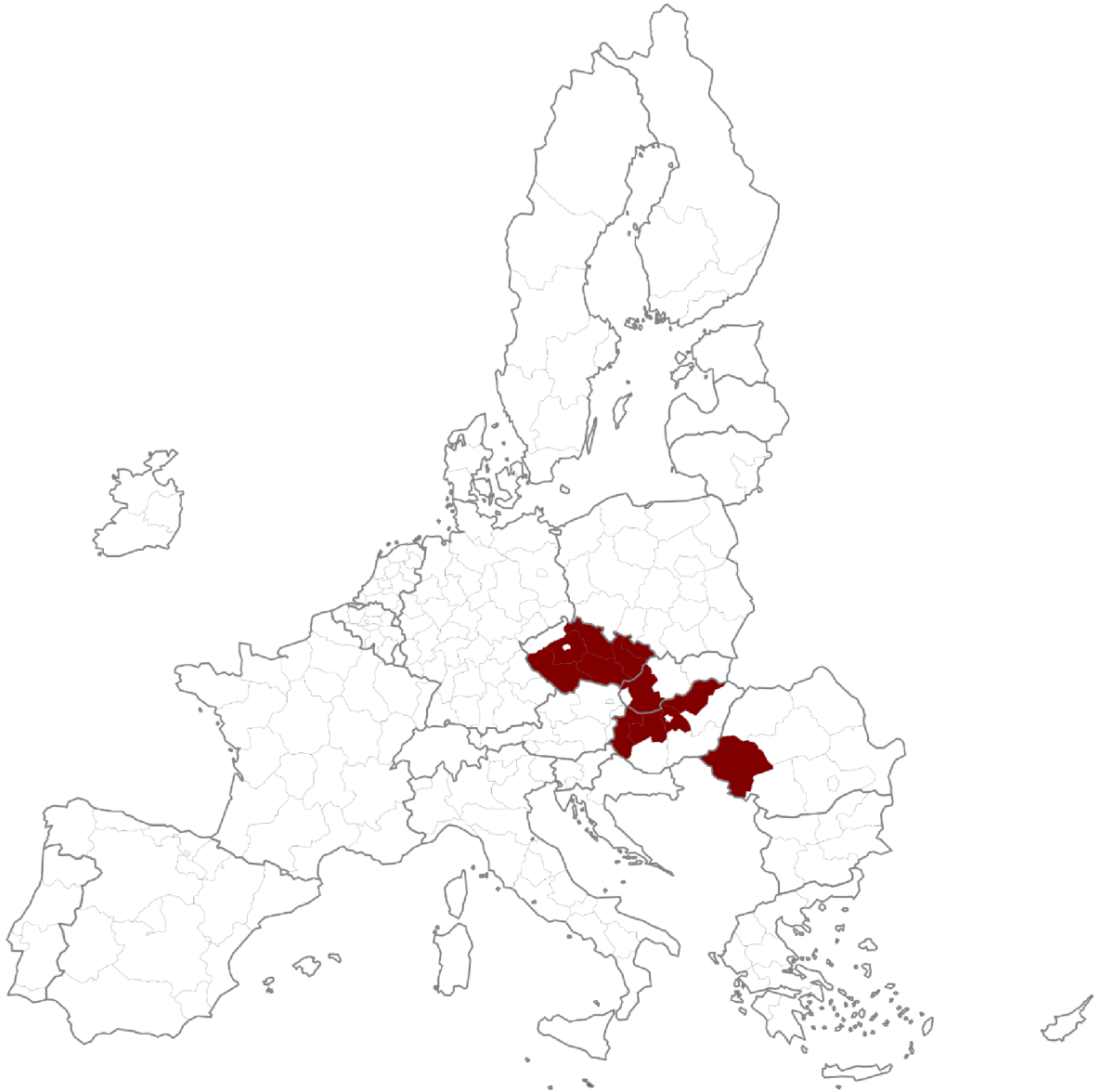
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 3



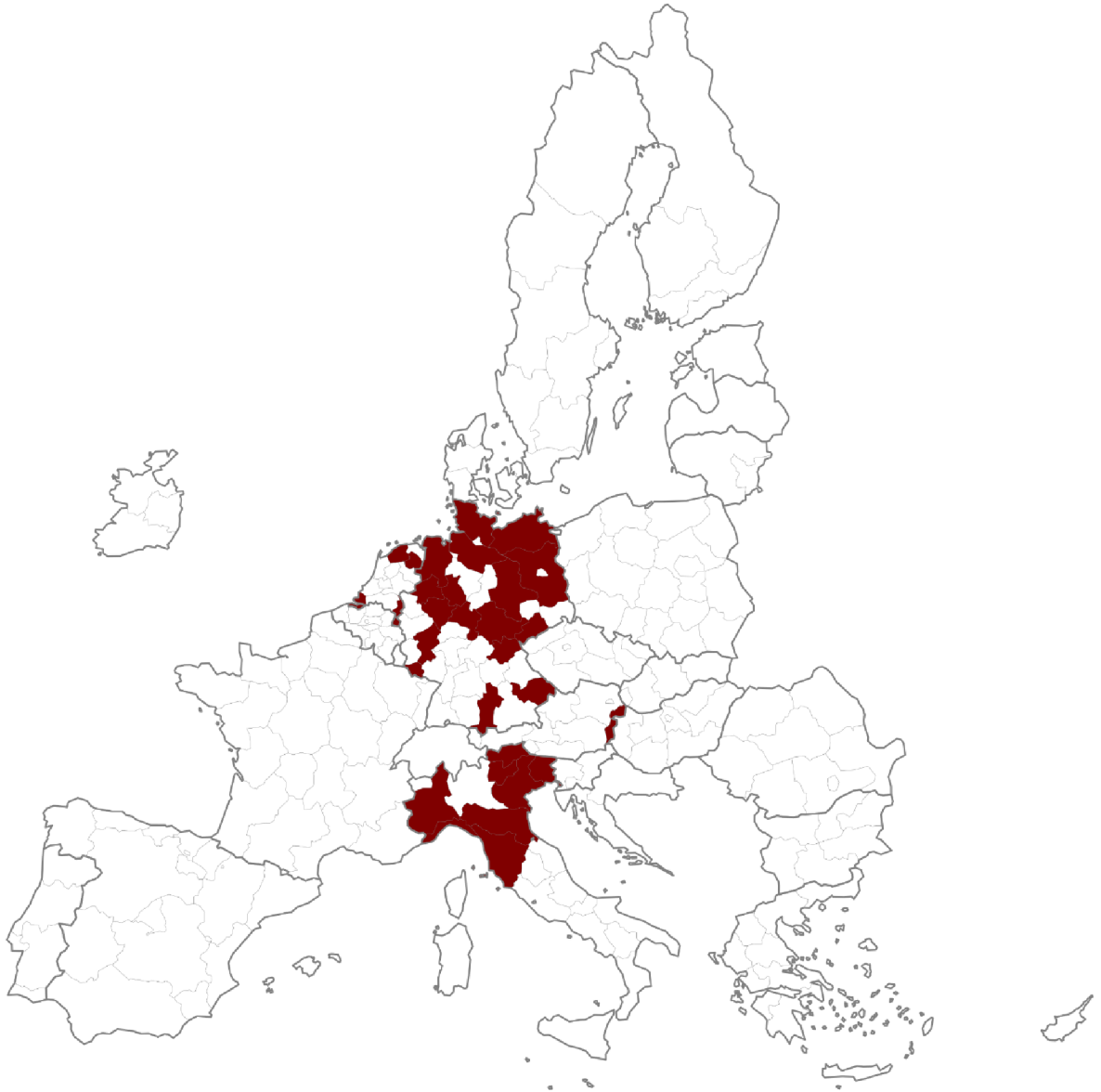
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 4



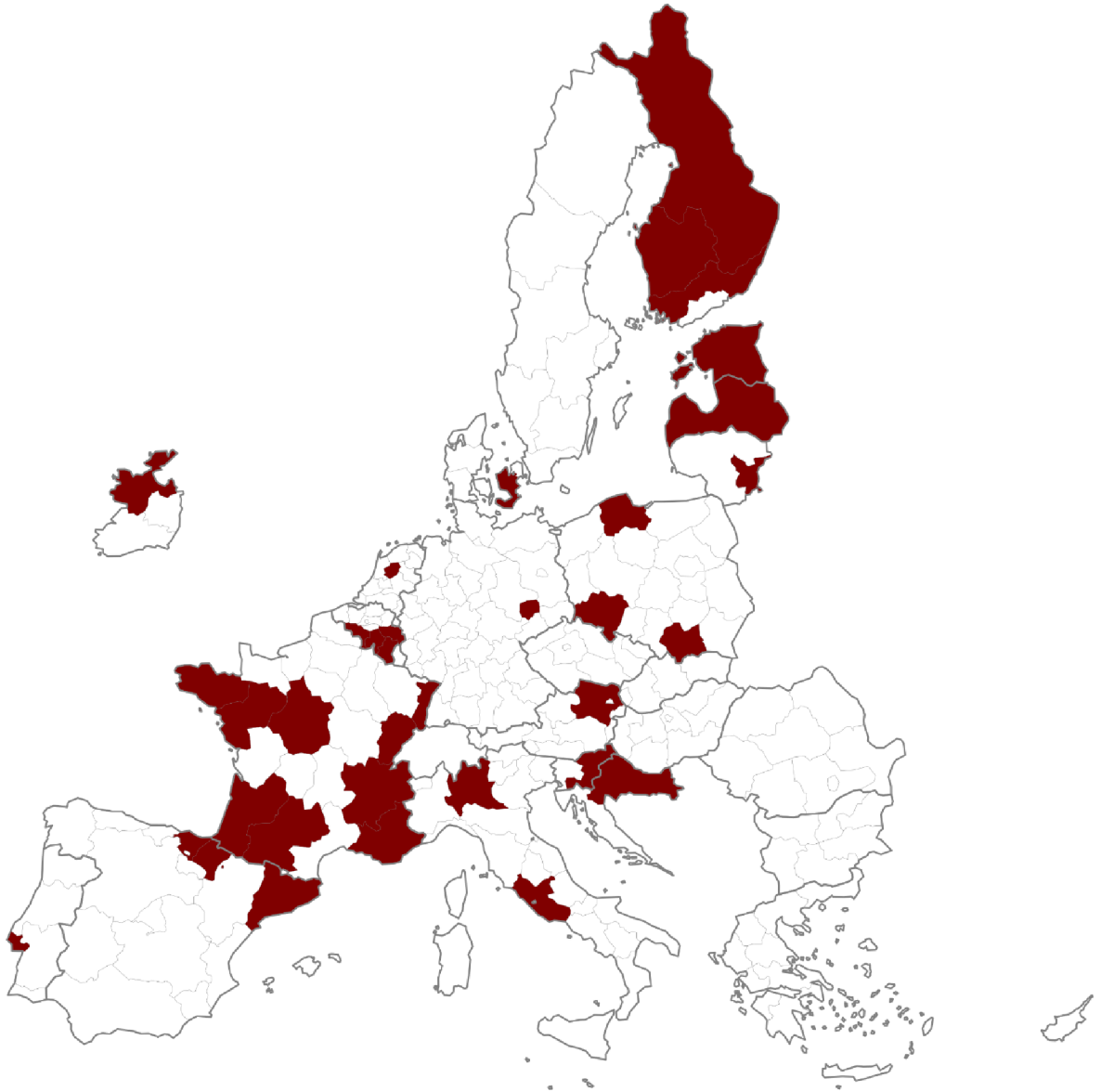
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 5



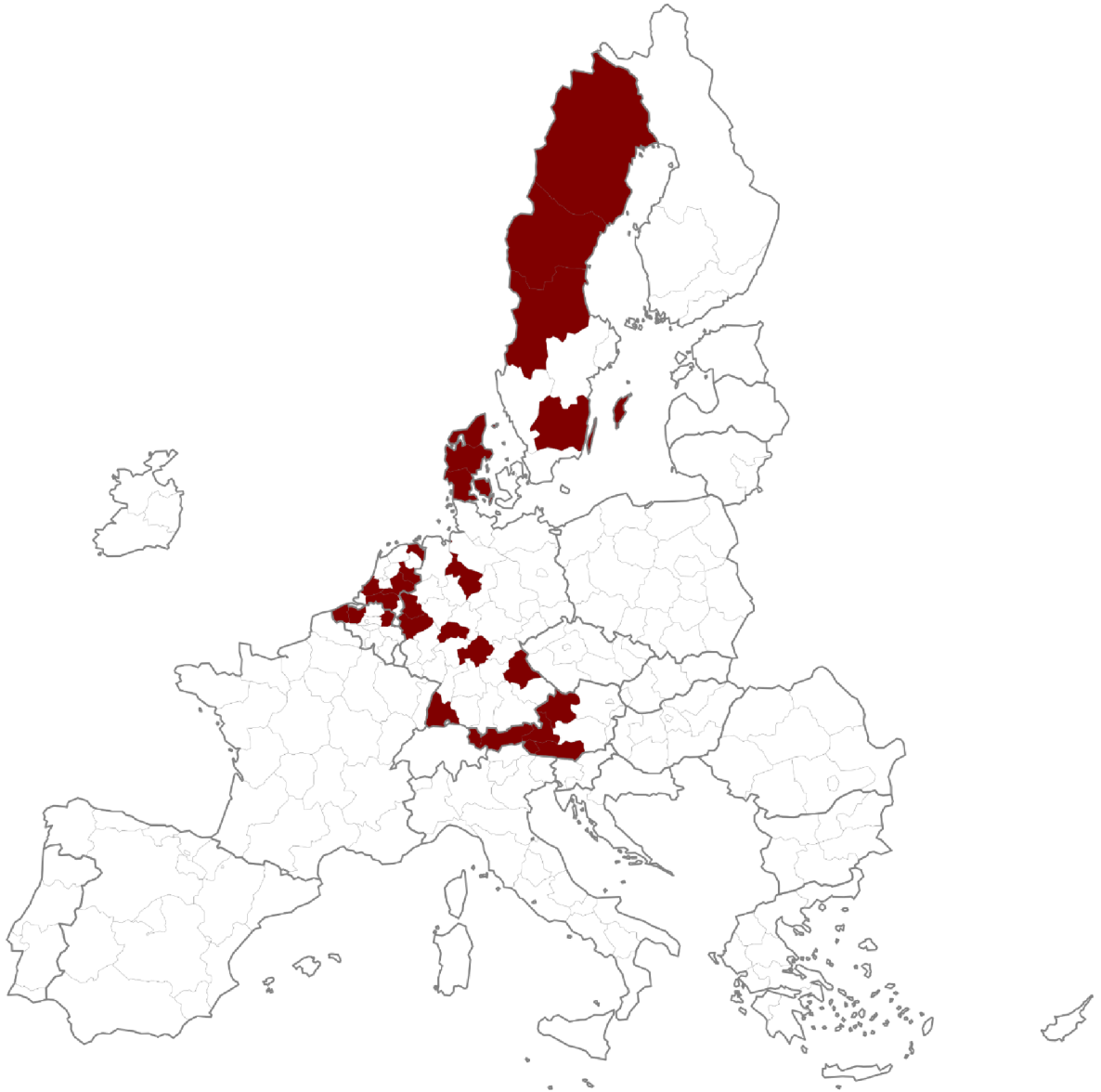
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 6



Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 7



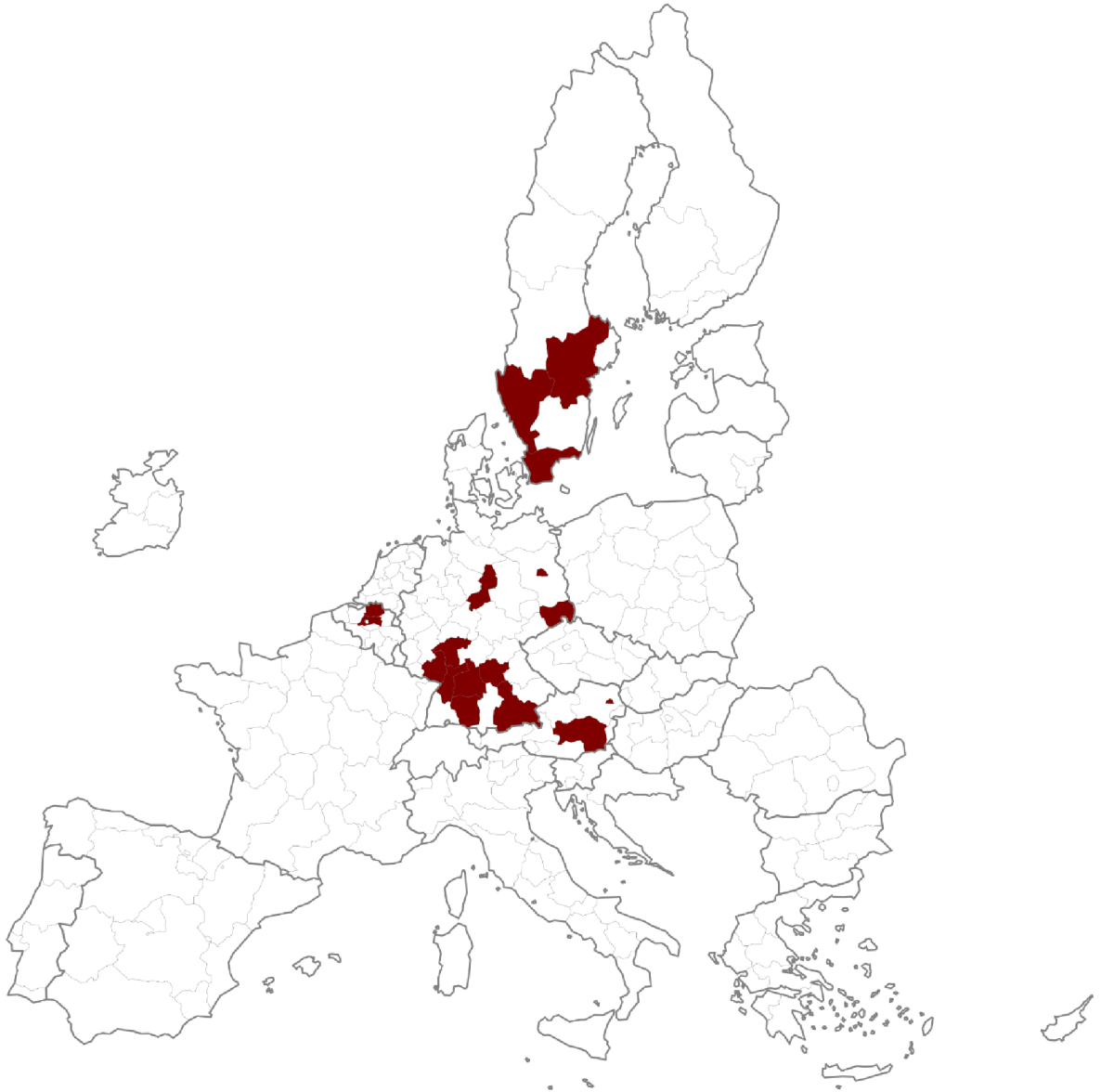
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 8



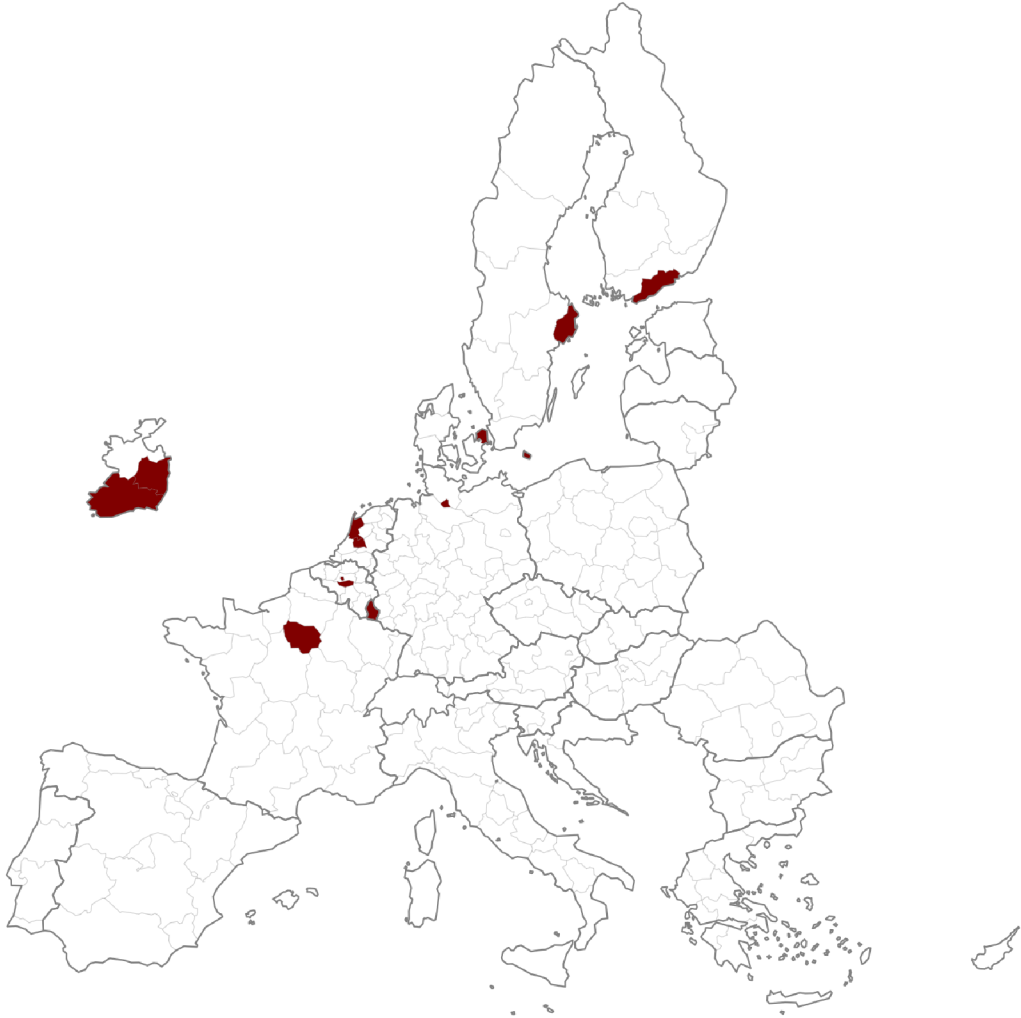
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 9



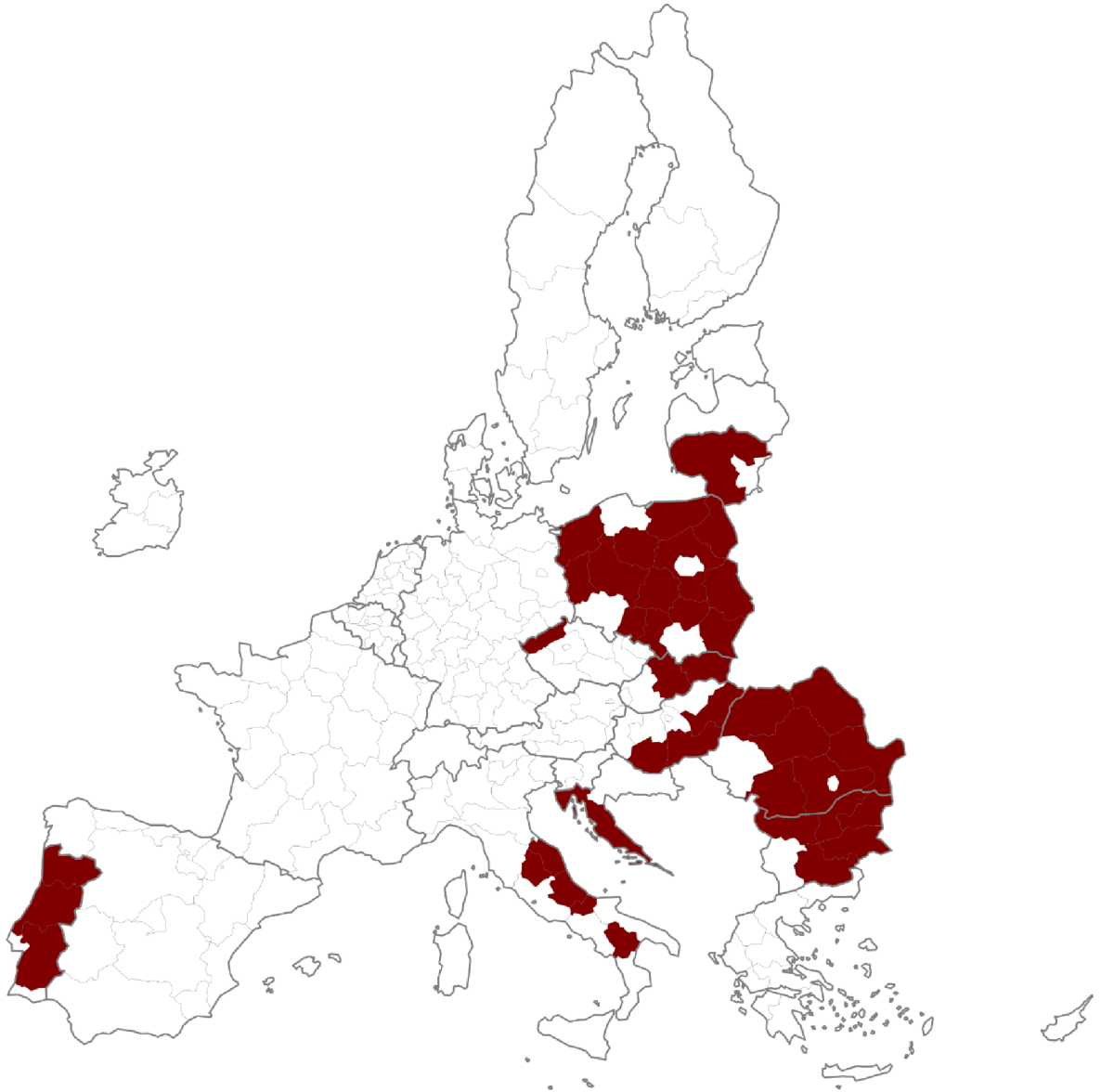
Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 10



Source: own elaboration in Inkscape 1.1.2

Cartogram of Cluster 11



Source: own elaboration in Inkscape 1.1.2