

Table S1. Divisions within which diagnostic variables and their weights and character

Division	Feature	Symbol	Unit of measurement	Weight	Character ¹
tourism assets [TA]	forest area	TA1	ha	0.15	+
	meadow and pasture area	TA2	ha	0.04	+
	other land and wasteland	TA3	ha	0.08	+
	protected areas	TA4	ha	0.12	+
	river	TA5	number	0.08	+
	lake	TA6	number	0.08	+
	fairs, exhibitions and events	TA7	number	0.08	+
	museums	TA8	number	0.05	+
	churches	TA9	number	0.06	+
	palace and castles	TA10	number	0.09	+
	historic monuments	TA11	number	0.09	+
	length of walking trails	TA12	km	0.03	+
	length of bicycle trails	TA13	km	0.03	+
	length of water trails	TA14	km	0.01	+
	length of horse trails	TA15	km	0.01	+
state and protection of the environment [EP]	wastewater treatment plant capacity relative to volume of wastewater to be treated	EP1	%	0.25	+
	amount of waste generated during the year	EP2	t	0.25	-
	water consumption for the needs of the national economy and population during the year	EP3	hm ³	0.25	-
	number of home sewage treatment plants	EP4	number	0.25	+
transport accessibility [TRA]	length of regional roads	TRA1	km	0.40	+
	length of county roads	TRA2	km	0.40	+
	length of bicycle path	TRA3	km	0.20	+
hotels, eating establishments and supplementary facilities [HC]	hotels	HC1	number of facilities	0.30	+
	boarding houses	HC2	number of facilities	0.25	+
	restaurants and cafés	HC3	number of facilities	0.25	+
	swimming pools	HC4	number of facilities	0.04	+
	swimming areas	HC5	number of facilities	0.05	+
	sports fields	HC6	number of facilities	0.06	+
	horse riding centres, studs	HC7	number of facilities	0.05	+
service infrastructure [SI]	petrol stations	SI1	number of facilities	0.30	+
	pharmacies	SI2	number of facilities	0.08	+
	banks and money exchange offices	SI3	number of facilities	0.20	+
	post and telecommunication centres	SI4	number of facilities	0.30	+
	outpatient clinics and health centres	SI5	number of facilities	0.06	+
	shops and markets	SI6	number of facilities	0.06	+
technical infrastructure [TI]	proportion of residential buildings connected to the water network in total residential buildings	TI1	%	0.20	+
	water distribution network length	TI2	km per 100 km ²	0.20	+
	proportion of residential buildings connected to the sanitary drainage network in total residential buildings	TI3	%	0.20	+
	sanitary drainage network length	TI4	km per 100 km ²	0.20	+
	population using gas supply network	TI5	%	0.20	+

population relations [PR]	total number of inhabitants	PR1	number of people	0.15	+
	total number of employed people	PR2	number of people	0.20	+
	the proportion of unemployed in number of inhabitants in working age	PR3	%	0.30	+
	population density	PR4	number of people per km ²	0.35	+
commune finances [CF]	commune incomes	CF1	PLN	0.40	+
	total value of signed grant agreements	CF2	PLN	0.10	
	proportion of grants and subsidies in total income of the commune	CF3	%	0.10	+
	the proportion of expenditure on public roads in total expenditure of commune	CF4	%	0.20	+
	the proportion of expenditure on tourism and culture in total expenditure of commune	CF5	PLN	0.20	+

'+' designates stimulants; '-' designates inhibitors