

Supplementary materials

Table S1. Spatial differentiation of the agrotechnical and financial factors (F) of agricultural productivity in Poland.

No	Voivodships	Agrotechnical and financial factors (F) of agricultural productivity							
		F.1	F.2	F.3	F.4	F.5	F.6	F.7	F.8
1	Zachodniopomorskie	67.5	36.0	16.2	12.3	64.5	74.6	392.0	85.8
2	Pomorskie	62.2	41.0	16.6	2.8	63.7	87.8	552.0	57.2
3	Warmińsko-mazurskie	66.0	39.2	30.7	11.5	60.4	69.5	565.0	58.3
4	Lubuskie	62.3	27.7	22.3	11.1	69.8	62.2	422.0	91.3
5	Wielkopolskie	64.8	58.3	13.6	1.7	70.4	88.9	945.0	46.7
6	Kujawsko-pomorskie	71.0	61.1	10.6	0.6	65.1	107.7	913.0	45.4
7	Mazowieckie	59.9	60.4	29.7	1.9	70.6	67.8	602.0	37.5
8	Podlaskie	55.0	53.1	38.0	4.9	62.6	60.2	713.0	37.8
9	Dolnośląskie	74.9	42.9	14.6	3.6	70.0	97.0	247.0	63.4
10	Łódzkie	61.9	54.6	15.3	1.0	76.4	73.0	390.0	28.1
11	Lubelskie	74.1	56.3	16.1	2.0	69.3	79.8	301.0	36.3
12	Opolskie	81.4	51.9	7.7	0.7	71.8	111.6	383.0	50.1
13	Śląskie	64.2	30.2	20.7	0.9	76.7	69.2	289.0	45.7
14	Świętokrzyskie	69.3	40.2	19.8	1.8	73.5	57.2	413.0	21.0
15	Małopolskie	69.3	36.7	36.7	1.5	73.6	43.9	229.0	38.7
16	Podkarpackie	70.4	30.7	29.5	2.3	75.8	41.8	143.0	34.9
Mean		67.1	45.0	21.1	3.8	69.6	74.5	468.7	48.6

Table S2. Spatial differentiation of the KPIs of production (P), environmental (E) and cultural (C) ecosystem services.

No	Voivodeships	KPIs selected for assessing the level of production (P), environmental (E) and cultural (C) ecosystem services															
		P.1	P.2	P.3	P.4	E.1	E.2	E.3	E.4	E.5	E.6	E.7	C.1	C.2	C.3	C.4	C.5
1	Zachodniopomorskie	41.3	15.3	4.3	3.5	72.0	1.9	34.0	79.4	23.5	40.0	22.0	1.1	0.5	4.7	2.9	14.5
2	Pomorskie	41.8	40.6	5.2	5.7	51.0	2.0	34.4	36.3	23.3	42.0	18.0	0.7	0.5	5.7	1.8	8.8
3	Warmińsko-mazurskie	39.9	47.9	5.1	4.7	52.0	2.1	45.1	41.9	49.3	34.0	14.0	1.4	0.3	4.0	5.7	22.7
4	Lubuskie	37.1	21.6	3.0	4.1	35.0	2.1	42.7	61.9	21.4	58.0	25.0	0.9	0.4	2.9	0.9	4.6
5	Wielkopolskie	41.1	85.6	7.4	9.3	48.0	2.3	48.8	9.1	28.7	76.0	48.0	0.7	0.2	1.0	3.8	12.5
6	Kujawsko-pomorskie	44.4	55.5	7.2	6.4	40.0	1.9	34.3	57.8	23.3	40.0	33.0	0.8	0.5	3.6	1.5	5.4
7	Mazowieckie	33.0	57.9	6.0	8.4	78.0	2.3	56.8	48.9	26.6	58.0	29.0	0.7	0.1	1.0	1.7	6.0
8	Podlaskie	30.9	83.9	6.2	5.5	36.0	2.4	57.7	2.5	38.2	48.0	31.0	1.0	0.6	5.3	6.0	21.3
9	Dolnośląskie	49.3	12.9	4.6	4.0	41.0	2.1	33.6	49.1	30.8	11.0	8.0	1.7	1.2	20.2	5.7	22.1
10	Łódzkie	35.2	59.8	6.0	7.0	49.0	2.7	70.0	55.8	36.4	18.0	15.0	1.2	0.5	3.9	4.0	21.1
11	Lubelskie	42.7	28.9	5.5	5.3	60.0	2.7	61.3	42.9	32.5	72.0	48.0	0.3	0.4	1.0	2.0	6.3
12	Opolskie	55.8	30.3	7.2	4.9	60.0	1.8	32.8	33.3	28.4	47.0	33.0	0.6	0.3	3.1	3.8	13.2
13	Śląskie	42.1	35.8	6.0	7.5	53.0	2.2	48.5	50.3	31.4	22.0	8.0	1.6	1.4	23.6	6.5	22.8
14	Świętokrzyskie	31.6	32.4	4.2	6.8	59.0	2.0	37.4	93.7	25.8	40.0	28.0	1.1	0.1	1.3	4.7	20.0
15	Małopolskie	40.7	33.3	3.5	5.1	56.0	2.3	54.7	36.0	35.6	20.0	11.0	1.6	0.6	7.9	4.7	16.5
16	Podkarpackie	40.7	15.8	4.1	2.9	53.3	2.2	47.9	46.2	30.3	41.9	24.9	1.0	0.5	5.8	3.8	14.6
Mean		40.5	41.1	5.3	5.7	62.0	3.0	74.1	39.5	29.8	45.0	28.0	0.9	0.5	3.7	4.9	16.0