

Appendix 4 Results of the multiple regression analysis for variables indicating the participation of diverse actors as response variables. Partial regression coefficients are shown.

Explanatory variables	Response variable				
	A11-S: Number of municipal officials involved	A12-C: Number of LBSAP committee members	A21-D: Diversity of the LBSAP committee members	A22-E: Diversity of experts in the LBSAP committee	A23-O: Number of municipal sections involved
intercept	0.134	0.069	0.022	0.055	0.000
<b>S1-F</b> Financial strength index	-0.004	-0.295	0.144	0.120	<b>0.340</b> *
<b>S2-P</b> Population	0.262	-0.246	<b>-0.440</b> *	0.101	-0.075
<b>RS31-P</b> Area of plantation forest	-0.470	0.360	0.166	-0.086	-0.171
<b>RS32-N</b> Area of natural, secondary, and other forest	0.273	-0.483	-0.239	-0.167	<b>0.554</b> *
<b>RS33-C</b> Area of cultivated meadow	0.079	0.019	0.233	-0.099	-0.356 †
<b>RS34-N</b> Area of natural, secondary, and other grassland	-0.200	0.010	0.420	0.259	-0.305
<b>RS35-P</b> Area of paddy field	0.211	0.461	-0.114	0.421	0.166
<b>RS36-C</b> Area of other cultivated land	0.707	-0.085	-0.345	0.022	0.326
<b>RS37-M</b> Area of marsh	0.298	-0.185	0.144	-0.190	0.031
<b>RS38-C</b> Coast	0.232	0.384 †	0.327 †	0.106	0.187
<b>RS4-D</b> Densely inhabited district	0.050	0.058	0.203	0.178	-0.290 †
<b>RU41-A</b> Agricultural products	-0.447	-0.312	0.082	-0.324	-0.129
<b>RU42-W</b> Woody products	-0.070	0.017	-0.264	0.336	0.131
<b>RU43-F</b> Catch of fish	-0.024	-0.198	0.043	-0.001	-0.287 †
<b>GS2-N</b> NPO participated in the LBSAP committee	0.036	0.268	0.186	-0.109	-0.150
<b>GS31-R</b> Number of cooperated national and local governments	-0.146	0.190	0.135	0.149	0.061
<b>GS6-C</b> Presence of an implementation committee of LBSAP	-0.103	-0.211	0.083	0.186	-0.126
<b>GS7-B</b> Bylaw related to biodiversity conservation	0.050	-0.005	0.106	-0.052	0.178
<b>GS81-M</b> Monitoring of natural environment	0.197	-0.115	0.178	-0.116	-0.082
<b>GS82-M</b> Monitoring of ecosystem service	-0.320	-0.312	-0.205	0.006	-0.187
<b>GS83-M</b> Monitoring by citizen	0.006	0.317	0.000	0.095	0.195
<b>A23-O</b> Number of municipal sections involved	0.183	0.043	-0.046	-0.018	-
<b>A51-G</b> Number of influential organizations and people	-0.103	0.063	-0.224	0.026	0.192
<b>A52-L</b> Significant influence of the mayor	0.113	0.073	<b>0.462</b> *	0.036	-0.131
<b>A71-T</b> Consciousness of traditional knowledge	0.127	0.060	0.278	0.205	-0.032
<b>A72-L</b> Consciousness of local knowledge	-0.085	-0.174	-0.094	0.013	-0.064
<b>A73-T</b> Diversity of traditional knowledge	0.152	-0.176	0.038	0.151	-0.379 †
<b>A74-L</b> Diversity of local knowledge	-0.481	0.119	0.011	-0.129	0.448 †

\*:  $p < 0.05$

†:  $0.10 < p \leq 0.05$

-: not included.