

Appendix 5 Results of the multiple regression analysis for variables related to traditional knowledge and local knowledge as response variables. Partial regression coefficients are

Explanatory variables	Response variable			
	A71-T: Consciousness of traditional knowledge	A72-L: Consciousness of local knowledge	A73-T: Diversity of traditional knowledge	A74-L: Diversity of local knowledge
intercept	-0.124	-0.060	0.101	0.094
S1-F Financial strength index	-0.153	0.007	-0.025	-0.160
S2-P Population	0.066	0.176	0.363	0.220
RS31-P Area of plantation forest	-0.167	-0.163	-0.227	-0.441
RS32-N Area of natural, secondary, and other forest	0.510 †	0.509 †	0.444	0.535 †
RS33-C Area of cultivated meadow	0.037	-0.180	-0.552 *	-0.327
RS34-N Area of natural, secondary, and other grassland	-0.745 †	-0.487	-0.230	-0.483
RS35-P Area of paddy field	-0.721 †	-0.144	0.742	0.867 *
RS36-C Area of other cultivated land	-0.254	0.048	0.865	1.182 *
RS37-M Area of wetland and open water	0.022	-0.132	-0.011	0.104
RS38-C Coast	0.068	0.285	-0.071	-0.027
RS4-D Densely inhabited district	-0.187	-0.184	-0.211	-0.006
RU41-A Agricultural products	0.975 †	0.442	-0.912	-1.080 *
RU42-W Woody products	0.100	-0.080	-0.073	-0.033
RU43-F Catch of fish	-0.253	-0.341 †	-0.177	-0.109
GS2-N NPO participated in the LBSAP committee	0.036	-0.089	0.021	-0.054
GS31-R Number of cooperated national and local governments	-0.040	-0.069	-0.084	0.012
GS6-C Presence of an implementation committee of LBSAP	-0.140	0.079	-0.020	0.054
GS7-B Bylaw related to biodiversity conservation	-0.156	-0.067	0.191	0.063
GS81-M Monitoring of natural environment	-0.290	-0.073	0.033	0.018
GS82-M Monitoring of ecosystem service	0.029	0.088	-0.260	-0.216
GS83-M Monitoring by citizen	0.135	-0.134	0.182	0.071
A11-S Number of municipal officials involved	-0.031	-0.056	-0.269	-0.357 *
A12-C Number of LBSAP committee members	-0.163	-0.227	-0.215	-0.112
A21-D Diversity of the LBSAP committee members	0.500 *	0.254	0.282	0.246
A22-E Diversity of experts in the LBSAP committee	0.302	0.162	0.138	0.094
A23-O Number of municipal sections involved	0.023	-0.056	-0.049	0.192
A51-G Number of influential organizations and people	0.373 *	0.334 *	0.027	0.001
A52-L Significant influence of the mayor	-0.240	-0.290	-0.226	0.033

*: $p < 0.05$, †: $0.10 < p \leq 0.05$.

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