

Appendix 3. Variables' Contribution to the Classification

Table A3.1. Ranking of variables' contribution to a series of general and specific classification models. The numbers represent the order of contribution of the variables (rows) to each of the different models (columns), where 1 means the most relevant and 26 the least relevant variable for that particular model.

Variable	BRT Model														
	SER	SELS	A1	A2	A3	A4	B1	C1	C2	D1	D2	D3	E1	E2	E3
Forest cover	1	1	11	16	2	6	9	6	1	9	11	6	1	2	1
Flat relief	2	2	-	5	13	10	6	3	3	3	1	2	4	1	2
Plants diversity	3	4	3	3	1	2	13	2	13	26	19	11	17	16	9
Cities traveltime	4	5	13	21	16	-	22	11	4	15	2	13	2	12	3
Temperature	5	3	1	1	5	17	1	10	2	10	12	10	3	9	19
Cattle density	6	16	15	15	11	18	17	4	16	21	3	9	7	19	11
Population density	7	19	5	17	14	11	12	15	15	4	7	5	15	20	12
Irrigation	8	8	6	22	8	9	10	12	5	2	15	7	9	8	5
Anthropization century	9	6	14	7	-	7	5	7	6	1	4	4	11	7	6
Mine sites density	10	11	19	8	9	19	2	-	26	14	21	19	25	22	-
Crop cover	11	7	-	10	-	20	21	1	12	19	5	23	21	23	-
Crops diversity	12	10	16	14	15	5	3	20	21	6	14	20	23	15	20
Urbanization type	13	21	17	-	-	15	15	17	17	8	10	17	12	14	16
Precipitation	14	9	4	2	4	8	4	14	23	18	20	15	6	11	8
WBI regulatory quality	15	13	2	9	6	13	7	19	25	12	-	16	24	5	-
Grass cover	16	15	12	19	7	4	18	8	7	7	6	3	5	21	10
WBI political stability	17	18	-	12	-	21	-	9	9	5	8	22	-	-	-
WBI gov. effectiveness	18	23	-	11	-	-	-	-	19	22	17	25	14	4	14
Languages density	-	26	-	-	-	-	-	-	24	25	-	26	18	10	18
Centrality	-	14	8	13	-	3	16	13	8	16	13	14	10	13	4
Ports traveltime	-	17	7	4	17	14	19	5	10	23	22	18	13	6	13
Protected areas	-	20	9	18	10	16	-	-	18	24	-	21	16	3	7
Shrub cover	-	12	-	20	3	1	14	16	14	20	18	1	20	24	-
Plantation cover	-	24	10	-	-	-	8	-	20	17	16	8	19	-	-
Land cover diversity	-	22	18	6	12	12	11	18	11	13	9	12	8	18	15
WBI rule of law	-	25	-	-	-	-	20	-	22	11	-	24	22	17	17

Model SER: classification into the five SER; Model SELS: classification into the 13 SELS; Models from A1 to E3 consist in distinguishing one particular SELS from the rest as a whole. While SER and SELS models are comparing several classes simultaneously, the others are binary models focused in one SELS at a time. Hyphens means less than 0.01 % relative importance.