

CIREN and Native Forest Law spatial Join

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1 Summary Statistics

1.1 Overview statistics from spatial join

Table 1: spatial join metrics by region

region	total_projects	total_stands	joined_projects	joined_stands	prop_joined_proj
Región de Antofagasta	4	4	NA	NA	NA
Region de Arica y Parinacota	1	2	NA	NA	NA
Región de Atacama	26	62	24	57	0.9230769
Región de Aysen del General Carlos Ibáñez del Campo	843	1621	524	1087	0.6215896
Región de Coquimbo	14	174	8	66	0.5714286
Región de La Araucanía	3071	8390	1722	5386	0.5607294
Región de Los Lagos	2024	5541	1368	3287	0.6758893
Región de Los Ríos	2147	4842	1312	3403	0.6110852
Región de Magallanes y la Antártica Chilena	231	682	215	650	0.9307359
Región de Ñuble	571	1293	332	740	0.5814361
Región de Tarapacá	23	47	NA	NA	NA
Región de Valparaíso	172	914	160	874	0.9302326
Región del Bío-Bío	1268	3533	1033	2911	0.8146688
Región del Libertador General Bernardo O'Higgins	738	1906	679	1772	0.9200542
Región del Maule	1605	4751	584	1472	0.3638629
Región Metropolitana de Santiago	151	694	127	918	0.8410596

Table 2: spatial join metrics continued..

<i>region</i>	<i>rol_match</i>	<i>similar_rol</i>	<i>stringcd</i>	<i>under20</i>
Región de Antofagasta	NA	NA	NA	NA
Region de Arica y Parinacota	NA	NA	NA	NA
Región de Atacama	0.0877193	0.3157895	22.193548	0.3548387
Región de Aysen del General Carlos Ibáñez del Campo	0.3357866	0.7028519	9.027397	0.9726027
Región de Coquimbo	0.0454545	0.3787879	21.622642	0.5660377
Región de La Araucanía	0.3956554	0.7402525	14.194671	0.7950072
Región de Los Lagos	0.2041375	0.4584728	13.633687	0.8398115
Región de Los Ríos	0.4437261	0.7505143	13.195170	0.8176860
Región de Magallanes y la Antártica Chilena	0.1425703	0.8795181	24.153226	0.5322581
Región de Ñuble	0.2108108	0.5608108	11.114894	0.8957447
Región de Tarapacá	NA	NA	NA	NA
Región de Valparaíso	0.3935927	0.7894737	18.752874	0.6091954
Región del Bío-Bío	0.3785641	0.7004466	14.695243	0.8305253
Región del Libertador General Bernardo O'Higgins	0.4734763	0.7262980	15.658764	0.7751437
Región del Maule	0.3043478	0.6508152	15.931373	0.7263815
Región Metropolitana de Santiago	0.2254902	0.8355120	20.880689	0.6765068

1.2 Variable Descriptions

total_projects	total Native Forest Law (NFL) projects
total_stands	total Native Forest Law stands
joined_projects	Native Forest Law projects joined with CIREN properties
joined_stands	Native Forest Law stands joined with CIREN properties
prop_joined_proj	proportion of NFL projects joined
rol_match	proportion of stands with matching rol id
similar_rol	proportion of stands with matching first part of rol id
stringd	avg. string distance* between property names from NFL and CIREN properties
under20	proportion of joined property names with string distance of less than 20

*stringd is calculated according to Damerau–Levenshtein method, which counts the number of operations (consisting of insertions, deletions or substitutions of a single character, or transposition of two adjacent characters) required to change one property name into the other