

Table S6. Gaps in the relationships between the actors of the National Science, Technology, and Innovation System in the field of agriculture: findings from the weighting matrix

<i>1. Collaboration Articles scientific articles</i>						
Department	Population	No. Articlesco-authorship	No. Articles in.Co-authorship Co-authorship about population.	Score max.Score max.	Score Co-authorships articles	
Tolima	1.339.998	20	0,00001493	5	5,00	
Meta	1.053.871	14	0,00001328	5	4,45	
Bolívar	2.130.000	5	0,00000235	5	0,79	
Chocó	549.225	2	0,00000364	5	1,22	
<i>2. Collaboration Patents</i>						
Department	Population	No. Patents collaboration n	No. Patents in Collaboration with the Population	Score max.Score max.	Score patents in collaboration	
Tolima	1.339.998	0	0,00000000	5	0,00	
Meta	1.053.871	0	0,00000000	5	0,00	
Bolívar	2.130.000	0	0,00000000	5	0,00	
Chocó	549.225	0	0,00000000	5	0,00	
<i>3. Profiles of projects enrolled 2020 Agency of Development Rural</i>						
Department	Population	No. Profiles of projects enrolled >2020 Agency of Development Rural	No. Profiles of projects registered. 2020 Agency de Development about population	Score max.Score max.	Score profiles of projects registered projects	
Tolima	1.339.998	24	0,00001791	5	5,00	
Meta	1.053.871	12	0,00001139	5	3,18	
Bolívar	2.130.000	10	0,00000469	5	1,31	
Chocó	549.225	8	0,00001457	5	4,07	
<i>4. Resources from financing SGR Fund from Agriculture and Development Rural</i>						
Resources						
Department	Population	deFinancing SGR Funding from Agriculture and rural development	Resources of SGR financing Funding from and Rural population	Score max.Score max.	Score profiles of projects registered projects	
Tolima	1.339.998	\$61.110.810.603	\$45.605	5	0,53	
Meta	1.053.871	\$180.529.116.126	\$171.301	5	1,98	
Bolívar	2.130.000	\$115.850.589.338	\$54.390	5	0,63	
Chocó	549.225	\$238.007.380.716	\$433.351	5	5,00	

5. *Resources obtained from the CTeI Fund of the SGR by the Department*

Department	Population	Recursos obtenidos del Fondo de CTeI del SGR por Departamento	Recursos obtenidos del Fondo de CTeI del SGR por Overpopulation	Score max.Score max.	Score profiles of projects registered projects
Tolima	1.339.998	\$130.268.736.977	\$97.216	5	1,32
Meta	1.053.871	\$48.500.999.471	\$46.022	5	0,62
Bolívar	2.130.000	\$301.768.778.749	\$141.675	5	1,92
Chocó	549.225	\$202.385.840.265	\$368.493	5	5,00

6. *Agricultural and related associations, cooperatives, foundations*

Department	Population	Asociaciones, cooperativas y fundaciones agrícolas	Asociaciones, cooperativas y fundaciones agrícolas about population.	Score max.Score max.	Puntaje Asociaciones, cooperativas y fundaciones agrícolas
Tolima	1.339.998	242	0,0001806	5	3,24
Meta	1.053.871	294	0,0002790	5	5,00
Bolívar	2.130.000	153	0,0000718	5	1,29
Chocó	549.225	51	0,0000929	5	1,66

7. *Agricultural and related cluster initiatives*

Department	Population	Iniciativas Clúster (agrícolas y afines)	Iniciativas Clúster (agrícolas y afines) sobre población	Score max.Score max.	Puntaje iniciativas Clúster (agrícolas y afines)
Tolima	1.339.998	2	0,0000015	5	3,93
Meta	1.053.871	2	0,0000019	5	5,00
Bolívar	2.130.000	2	0,0000009	5	2,47
Chocó	549.225	0	0,0000000	5	0,00

8. *Cabildos and Indigenous reserves*

Department	Population	Cabildos and Indigenous reserves	Cabildos and Indigenous reserves about population.	Score max.Score max.	Score Cabildos and Indigenous reserves
Tolima	1.339.998	82	0,0000612	5	1,21
Meta	1.053.871	20	0,0000190	5	0,37
Bolívar	2.130.000	10	0,0000047	5	0,09
Chocó	549.225	139	0,0002531	5	5,00

9. *No. Research groups in agriculture and related areas*

Department	Population	No. Grupos de Investigación en agricultura	No. Grupos de Investigación en agricultura y afines about population.	Score max.Score max.	Score No. Grupos de Investigación en agricultura y afines
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y afines

Tolima	1.339.998	8	0,0000060	5	3,15
Meta	1.053.871	10	0,0000095	5	5,00
Bolívar	2.130.000	0	0,0000000	5	0,00
Chocó	549.225	2	0,0000036	5	1,92

10. Technoparks

Department	Population	No. Technoparks.	No. Technoparks. about population.	Score max.Score max.	Score Technoparks
Tolima	1.339.998	1	0,0000007	5	5,00
Meta	1.053.871	0	0,0000000	5	0,00
Bolívar	2.130.000	0	0,0000000	5	0,00
Chocó	549.225	0	0,0000000	5	0,00

11. Offices of Transfer Technological and Results of Research OTRIS

Department	Population	Offices from Transfer Technological OTRIS	Offices of Transfer Technology OTRIS about population.	Score max.Score max.	Score Offices de Transfer Technological OTRIS
Tolima	1.339.998	0	0,0000000	5	0,00
Meta	1.053.871	0	0,0000000	5	0,00
Bolívar	2.130.000	0	0,0000000	5	0,00
Chocó	549.225	0	0,0000000	5	0,00

Results variable assessment of relationship System National of CTeI on Agriculture and related

Department	Weightingaverage
Tolima	2,58
Meta	2,33
Chocó	2,17
Bolívar	0,77

Source: Own Source