Understanding data

June 2022

Map of military bases and repression

North Chile

division_provincial
military_bases

cl_comunas_geo

0 - 2.4
2.4 - 4.8
4.8 - 7.1
7.1 - 9.5
9.5 - 11.9

Rep Figure 1 in paper

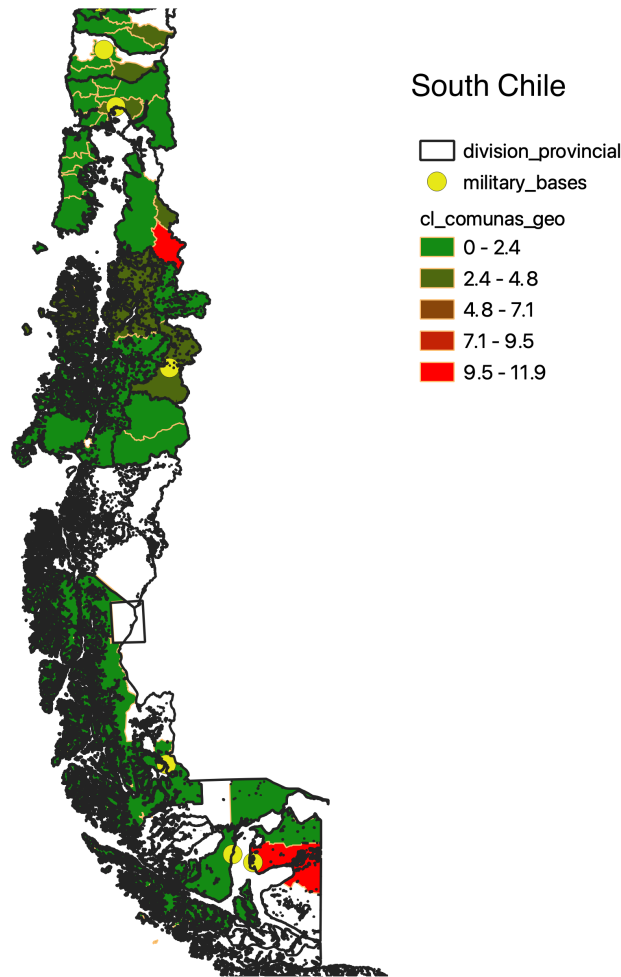## Center Chile

division_provincial
military_bases

cl_comunas_geo
- 0 - 2.4
- 2.4 - 4.8
- 4.8 - 7.1
- 7.1 - 9.5
- 9.5 - 11.9
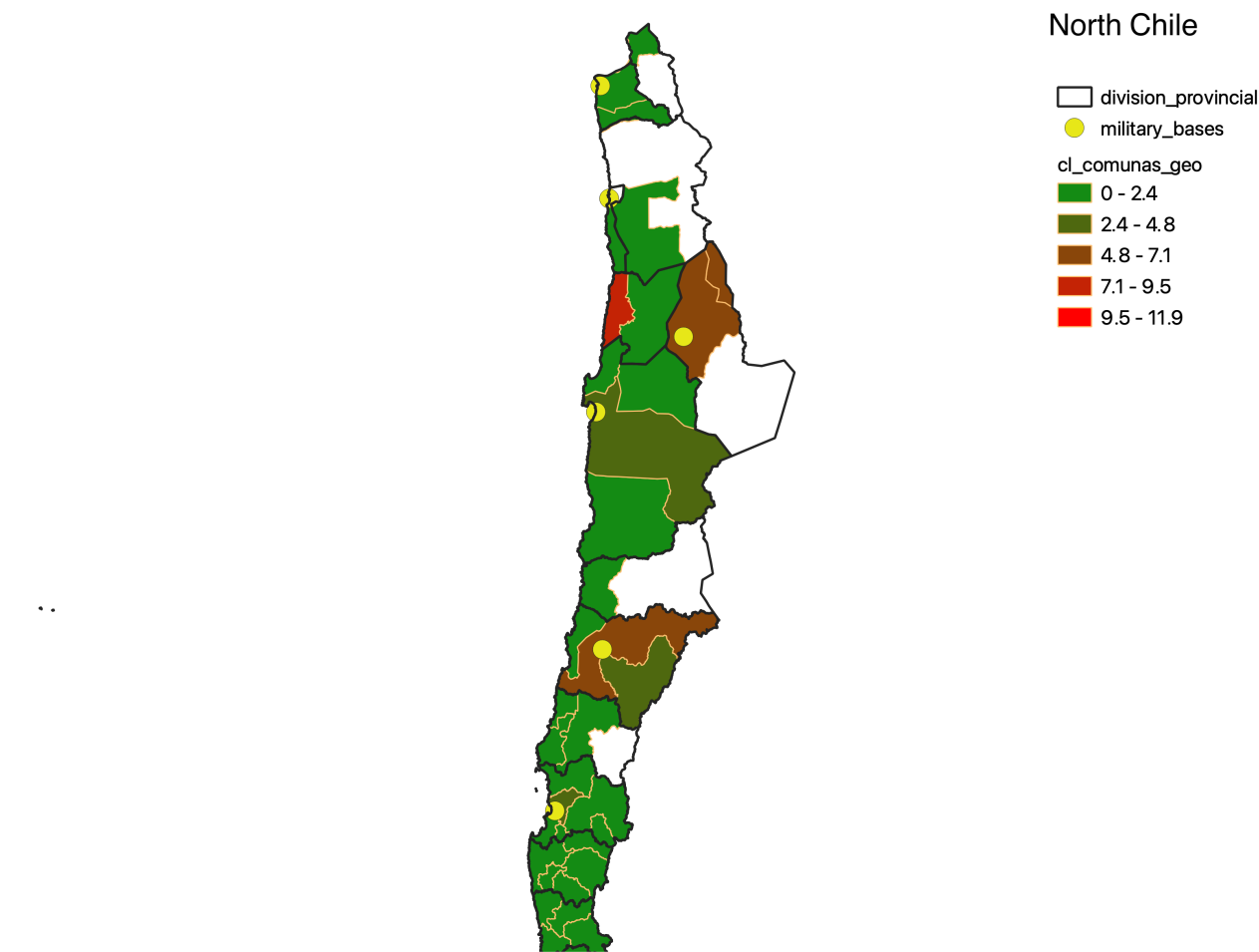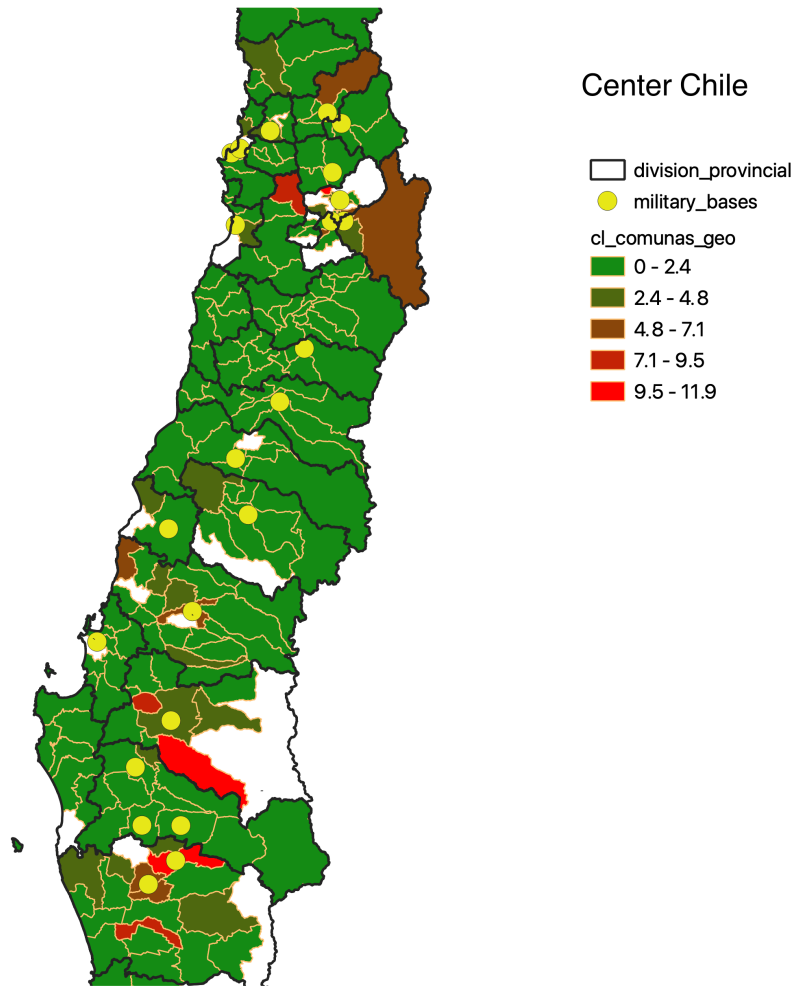
Rep Figure 1 in paper

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Number of provinces

```
## [1] 26
```

We have 25 provinces (26 with "NA" province). However, in the shapefile division_provincial we have 56. I guess these are only the one with military presence. Well, no because two provinces does not have military presence.

Mean and median number of counties in provinces

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## [1] 13.30769
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## [1] 10
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Key info on the relation between province and county

Key info province and county

IDProv	N county	N military	N sample
1	14	2	14
2	7	2	7
3	6	0	6
4	7	1	7
5	5	1	5
6	8	1	6
7	16	2	15
8	14	0	14
9	15	1	15
10	14	1	14
11	15	1	15
12	7	1	7
13	8	1	7
14	9	1	9
15	9	3	5
16	11	3	11
17	4	1	4
18	18	1	18
19	17	0	17
20	5	1	4
21	38	6	34
22	9	1	9
23	8	2	5
24	12	1	10

IDProv	N county	N military	N sample
25	18	3	18
NA	52	2	0

All but two province has a county with military presence. However, some counties in provinces with military presence are not in the main estimation sample.

Zoom in into relation between province and county

Detail info key var province and county

IDProv	Military	Sample	N county	Avg. Victims	Avg. Reg	Avg. NO 1988 pop	Avg. NO 1970 pop
1	0	1	12	0.8462344	78.52717	55.25681	42.412199
1	1	1	2	1.2007121	87.28310	56.38545	48.328508
2	0	1	5	1.7547992	79.51271	56.07001	42.185372
2	1	1	2	4.4451383	95.54532	61.50523	56.744146
3	0	1	6	0.4380207	71.13235	53.78423	38.575802
4	0	1	6	0.6594626	71.63675	53.41423	37.330667
4	1	1	1	5.0103097	94.03580	54.62919	49.928761
5	0	1	4	1.4769337	74.87644	42.42243	28.483645
5	1	1	1	3.8404098	100.25175	52.58636	50.131512
6	0	0	2	16.5911050	57.23328	27.66460	14.778705
6	0	1	5	4.6647655	63.35020	43.35539	28.043918
6	1	1	1	4.2110395	84.48454	41.01466	33.822014
7	0	0	1	12.8581924	128.03085	38.34426	47.711979
7	0	1	13	1.9106553	61.51828	42.10903	25.398521
7	1	1	2	8.7837536	69.21370	51.62365	34.882135
8	0	1	14	1.4246045	66.67747	38.98319	25.122583

IDProv	Military	Sample	N county	Avg. Victims	Avg. Reg	Avg. NO 1988 pop	Avg. NO 1970 pop
9	0	1	14	0.2340845	76.36529	46.41243	40.464886
9	1	1	1	2.0255215	70.94501	56.13406	39.209072
10	0	1	13	0.7580808	69.27595	57.39244	38.183750
10	1	1	1	1.7420775	54.03713	62.32793	40.969238
11	0	1	14	0.4923694	63.04217	50.79467	31.531376
11	1	1	1	3.0490341	90.81132	55.48286	49.251282
12	0	1	6	0.1409086	65.35223	50.28393	32.637908
12	1	1	1	0.4998251	95.25000	57.14208	53.560524
13	0	0	1	12.1630507	76.90993	39.20966	29.628941
13	0	1	6	0.7123244	72.86233	38.52599	27.787583
13	1	1	1	2.1174362	71.07093	48.28136	33.689610
14	0	1	8	0.0855227	60.31896	40.30602	23.497628
14	1	1	1	2.6355293	74.84216	52.92028	38.034874
15	0	0	4	0.0000000	21.59213	31.73034	6.547591
15	0	1	2	0.0000000	34.81079	42.99585	15.156963
15	1	1	3	4.2460450	99.30836	54.54285	51.331965
16	0	1	8	0.7772822	63.40238	37.04026	23.761662
16	1	1	3	0.9290985	66.23383	44.82170	28.664635
17	0	1	3	1.4942059	52.84649	48.16095	27.236402
17	1	1	1	1.5514700	68.75598	35.54195	23.940020
18	0	1	17	1.3247787	60.73106	36.15849	21.583725
18	1	1	1	5.7219892	85.24212	55.25495	46.134834
19	0	1	17	0.2337484	81.17174	55.84477	44.812474
20	0	0	1	16.2601624	73.45841	48.11708	34.563652

IDProv	Military	Sample	N county	Avg. Victims	Avg. Reg	Avg. NO 1988 pop	Avg. NO 1970 pop
20	0	1	3	1.8040945	55.65347	46.60694	25.271089
20	1	1	1	1.7803265	70.66116	58.04280	39.781307
21	0	0	3	19.9143174	88.28714	47.93428	41.479912
21	0	1	29	2.5413123	77.83951	53.21611	43.216209
21	1	0	1	14.7447309	32.11742	55.12959	17.250761
21	1	1	5	4.5447577	105.31315	54.12495	54.377351
22	0	1	8	0.4853910	59.75883	50.70442	30.626724
22	1	1	1	1.5561931	90.96338	63.54448	56.643368
23	0	0	3	76.9089127	98.97482	29.18085	21.335329
23	0	1	3	0.0000000	91.47314	20.92417	28.832468
23	1	1	2	1.6973978	110.51659	56.52087	60.016935
24	0	0	2	16.4440608	73.75947	41.73631	28.711769
24	0	1	9	1.1483011	59.99437	42.76055	25.133687
24	1	1	1	4.3419738	75.13895	65.38059	47.631653
25	0	1	15	0.5391953	88.35712	50.81191	43.580099
25	1	1	3	2.4939748	78.53844	57.27396	43.429310
NA	0	0	50	NaN	NaN	44.23181	NaN
NA	1	0	2	NaN	NaN	62.62807	NaN

There are counties inside provinces with military presence which are not included. This seems to be counties without military presence and high vitimin share in 70. As I understand the variable "shVictims_70" is the one used as an instrument in the IV. Need to understand this better.