bution campaigns (bolded cities distributed ivermectin, neighboring regional city below did not) Confirmed now luna Links August Donulation 0/ Casas in

South	Itajaí	2123	2854	998	223	40%
	cases/month				2020 (1000)	August vs. June/July
region	Committee new	Julie	July	August	Population	/o Cases III

Table 2. Comparison of case count decreases among Brazilian cities with and without ivermectin distri-

South	Itajaí	2123	2854	998	223	40%	
	Chapecó	1760	1754	1405	224	80%	

North	Macapá	7966	2481	2370	503	45%
	Chapecó	1760	1754	1405	224	80%
South	Itajaí	2123	2854	998	223	40%

	Chapecó	1760	1754	1405	224	80%
North	Macapá	7966	2481	2370	503	45%
						a=a/

	Спаресо	1700	1754	1405	224	8070	
North	Macapá	7966	2481	2370	503	45%	
	Ananindeua	1520	1521	1014	535	67%	

North	Macapá	7966	2481	2370	503	45%
	Ananindeua	1520	1521	1014	535	67%

NOTUI	iviacapa	7900	2401	23/0	505	43/0
	Ananindeua	1520	1521	1014	535	67%

1590

5384

890

817

19%

62%

7554

7963

9009

9437

**North East** 

Natal

João Pessoa

Table 4. Change in death rates among neighboring regions in Brazil

Pará

CEARÁ

Paraíba

Rio Grande do Norte

North East

(bolded regions contained a major city that distributed Ivermectin to its citizens, the other regions did not)

6,344

2,315

8,666

2,627

73.7

66.0

95.1

65.4

REGION	STATE	% CHANGE IN AVERAGE DEATHS/ WEEK COMPARED TO 2 WEEKS PRIOR	TOTAL COVID-19 RELATED DEATHS	DEATHS/100K
South	Santa Catarina	-36	2,529	35.6
	PARANÁ	-3	3,823	35.3
	Rio Grande do Sul	<b>-</b> 5	4,055	33.4
North	Amapá	<del>-</del> 75	678	80.2
	AMAZONAS	-42	3,892	93.9

13

-65

62

-30