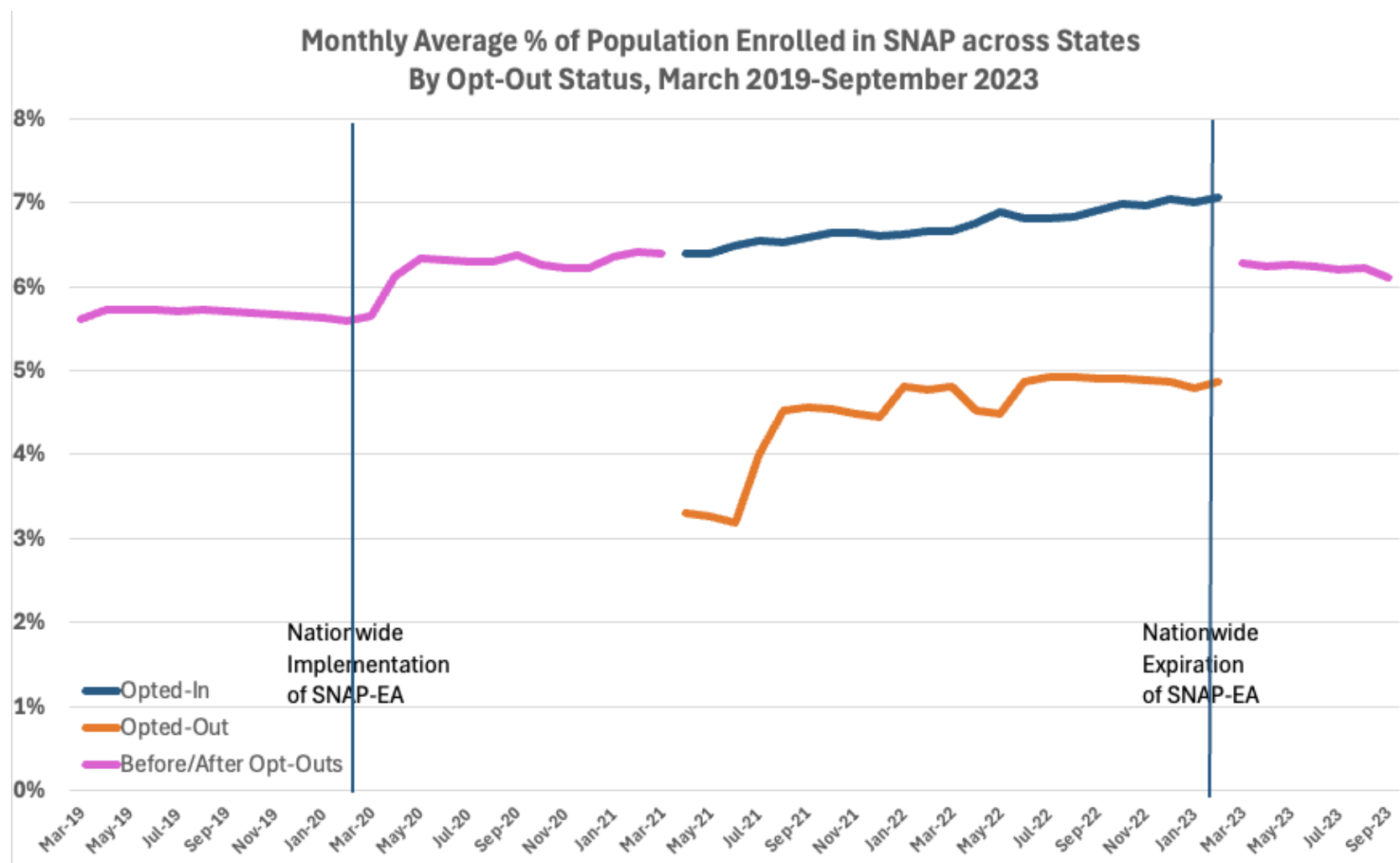
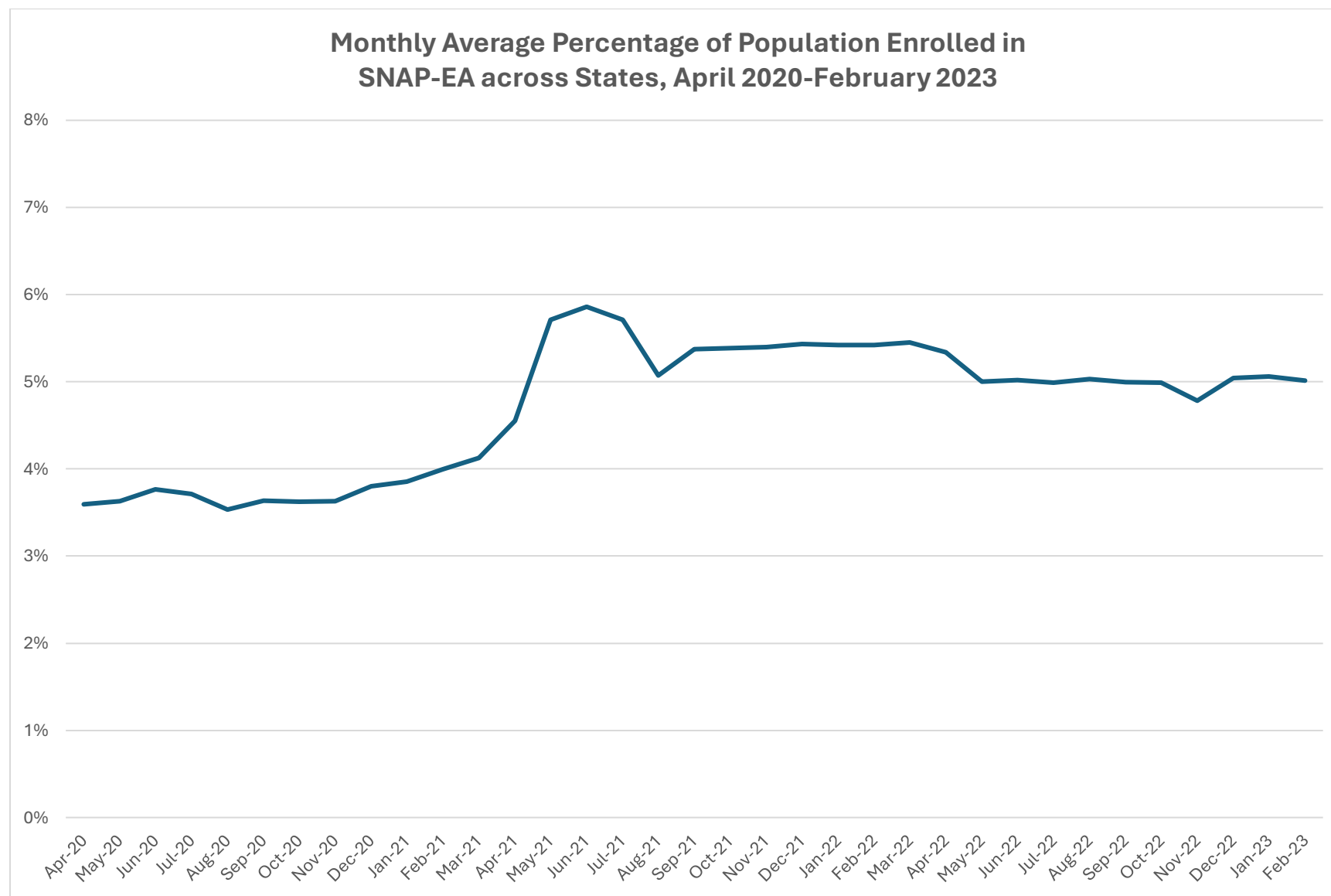


SUPPLEMENTAL MATERIAL

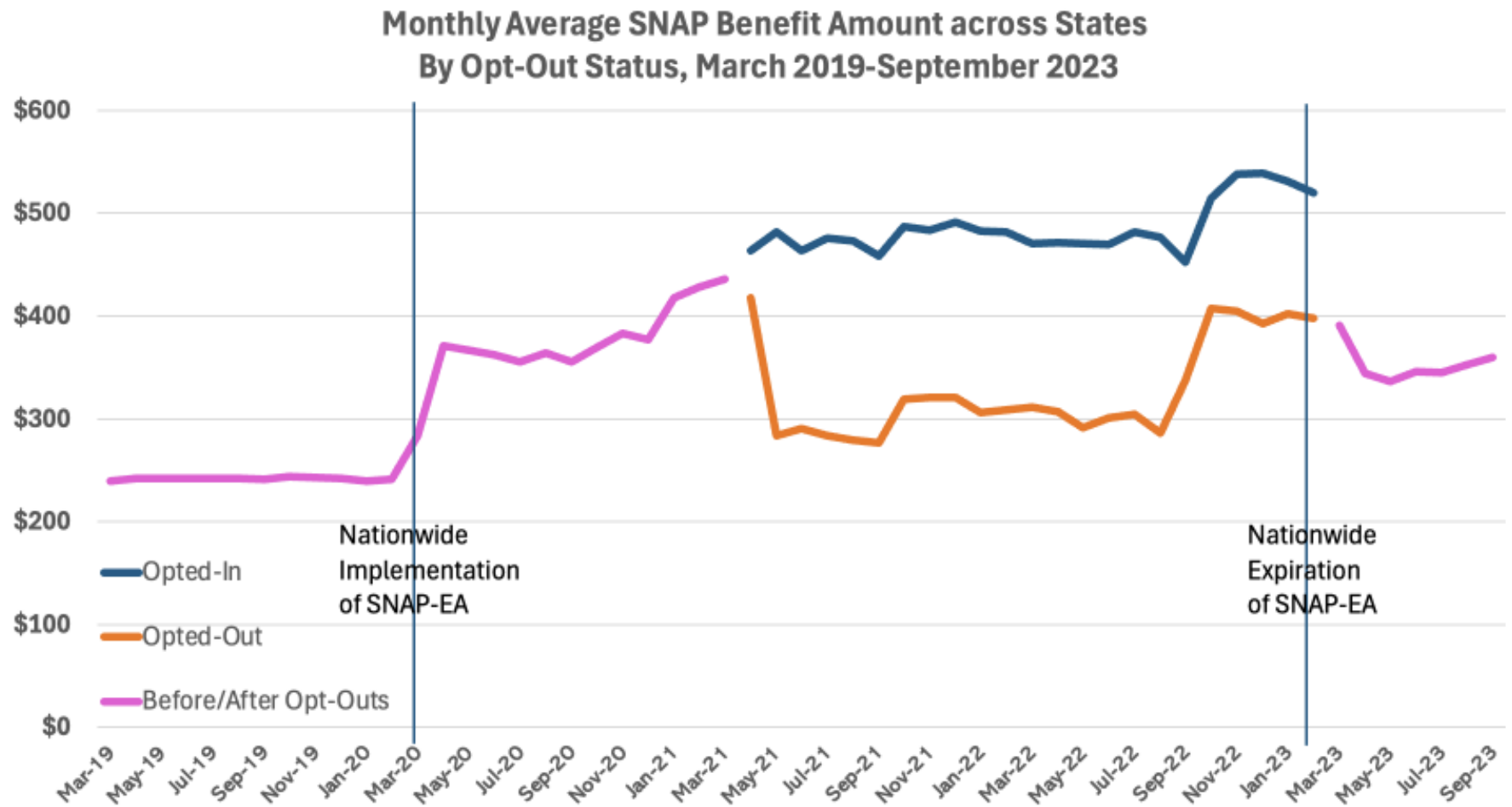
Supplemental Figure 1. Monthly Percentage of State Populations Receiving SNAP-EA



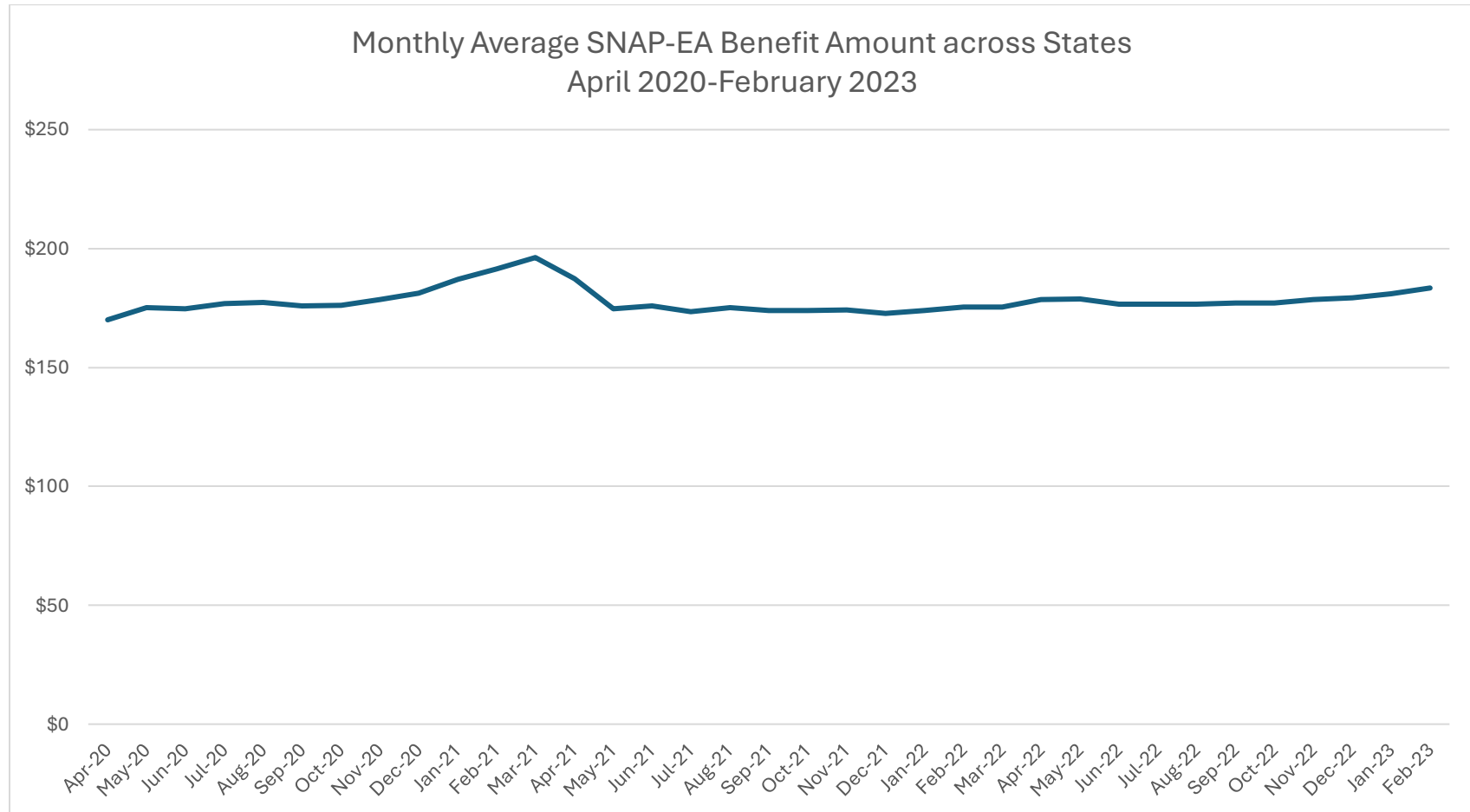
Supplemental Figure 2. Monthly Average Percentage of Population Enrolled in SNAP-EA across States



Supplemental Figure 3. Monthly Average SNAP Benefit Amount across States by Opt-Out Status



Supplemental Figure 4. Monthly Average SNAP-EA Benefit Amount across States



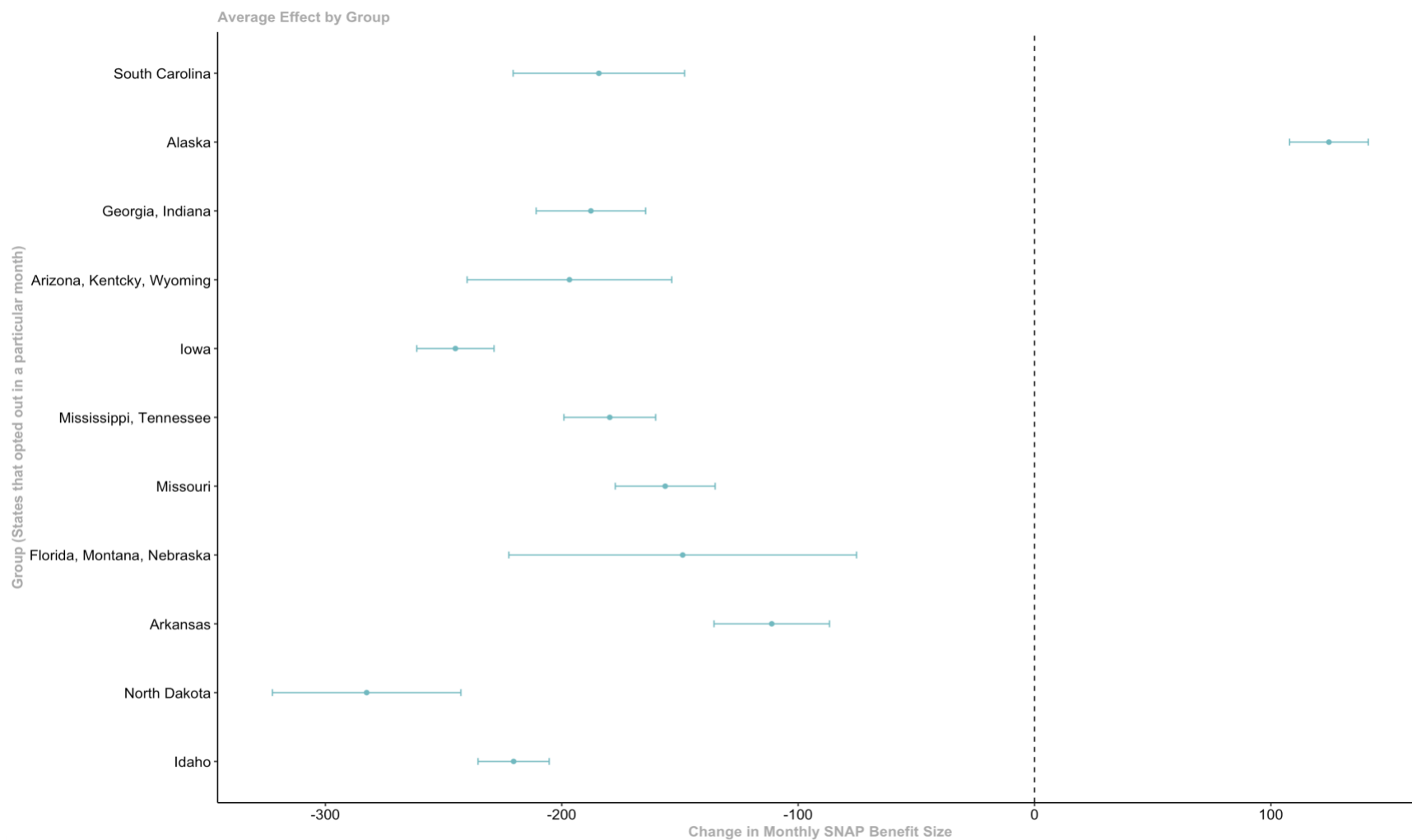
Supplemental Table 1. Average Effects of opting out of SNAP-EA by months before and after opt-out

Average treatment effects	Average monthly SNAP benefit size	Percentage of state population enrolled in SNAP
Group-time aggregate across all lengths of exposure	-182.80 [-213.83, -151.77] *	-0.35 [-0.61, -0.10] *
Average Effect by Length of Exposure		
-12	17.48 [-75.83, 110.79]	-0.16 [-0.49, 0.18]
-11	-21.18 [-76.51, 34.15]	0.01 [-0.21, 0.23]
-10	-2.14 [-19.97, 15.68]	-0.04 [-0.24, 0.16]
-9	20.86 [-37.8, 79.53]	-0.10 [-0.30, 0.11]
-8	-6.64 [-65.29, 52.00]	0.01 [-0.17, 0.18]
-7	-14.30 [-37.46, 8.87]	-0.11 [-0.21, -0.01] *
-6	-2.89 [-25.15, 19.37]	-0.04 [-0.15, 0.07]
-5	6.79 [-29.84, 43.42]	0.00 [-0.11, 0.11]
-4	-0.59 [-21.97, 20.78]	0.01 [-0.04, 0.06]
-3	-22.92 [-51.00, 5.16]	0.01 [-0.05, 0.08]
-2	0.74 [-37.76, 39.23]	-0.03 [-0.10, 0.03]
-1	27.67 [-25.87, 81.20]	-0.05 [-0.24, 0.15]
0	-152.53 [-218.97, -86.09] *	-0.04 [-0.21, 0.14]
1	-182.24 [-244.02, -120.45] *	-0.14 [-0.47, 0.19]
2	-170.22 [-229.89, -110.55] *	-0.20 [-0.63, 0.23]
3	-169.31 [-205.83, -132.79] *	-0.31 [-0.95, 0.33]
4	-149.37 [-250.41, -48.32] *	-0.36 [-1.08, 0.37]
5	-152.85 [-247.37, -58.34] *	-0.37 [-0.93, 0.19]
6	-185.19 [-216.12, -154.27] *	-0.24 [-0.57, 0.08]
7	-194.11 [-234.45, -153.77] *	-0.28 [-0.60, 0.04]

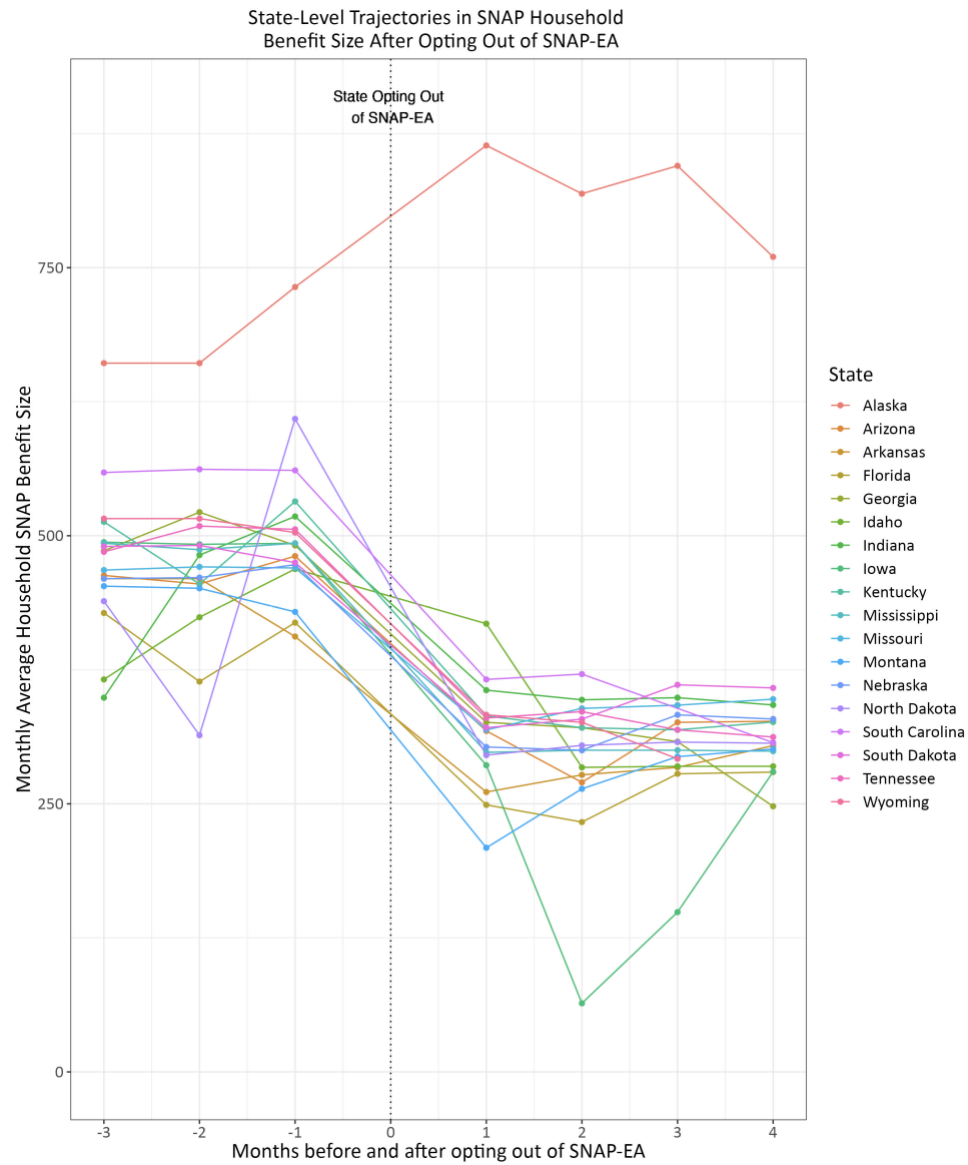
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β	-176.32 [-217.17, -135.47] *	-0.27 [-0.58, 0.05]
9	-175.63 [-216.99, -134.26] *	-0.25 [-0.59, 0.09]
10	-182.20 [-238.21, -126.19] *	-0.30 [-0.73, 0.12]
11	-168.77 [-242.16, -95.38] *	-0.49 [-1.19, 0.21]
12	-179.55 [-225.94, -133.16] *	-0.45 [-1.05, 0.15]

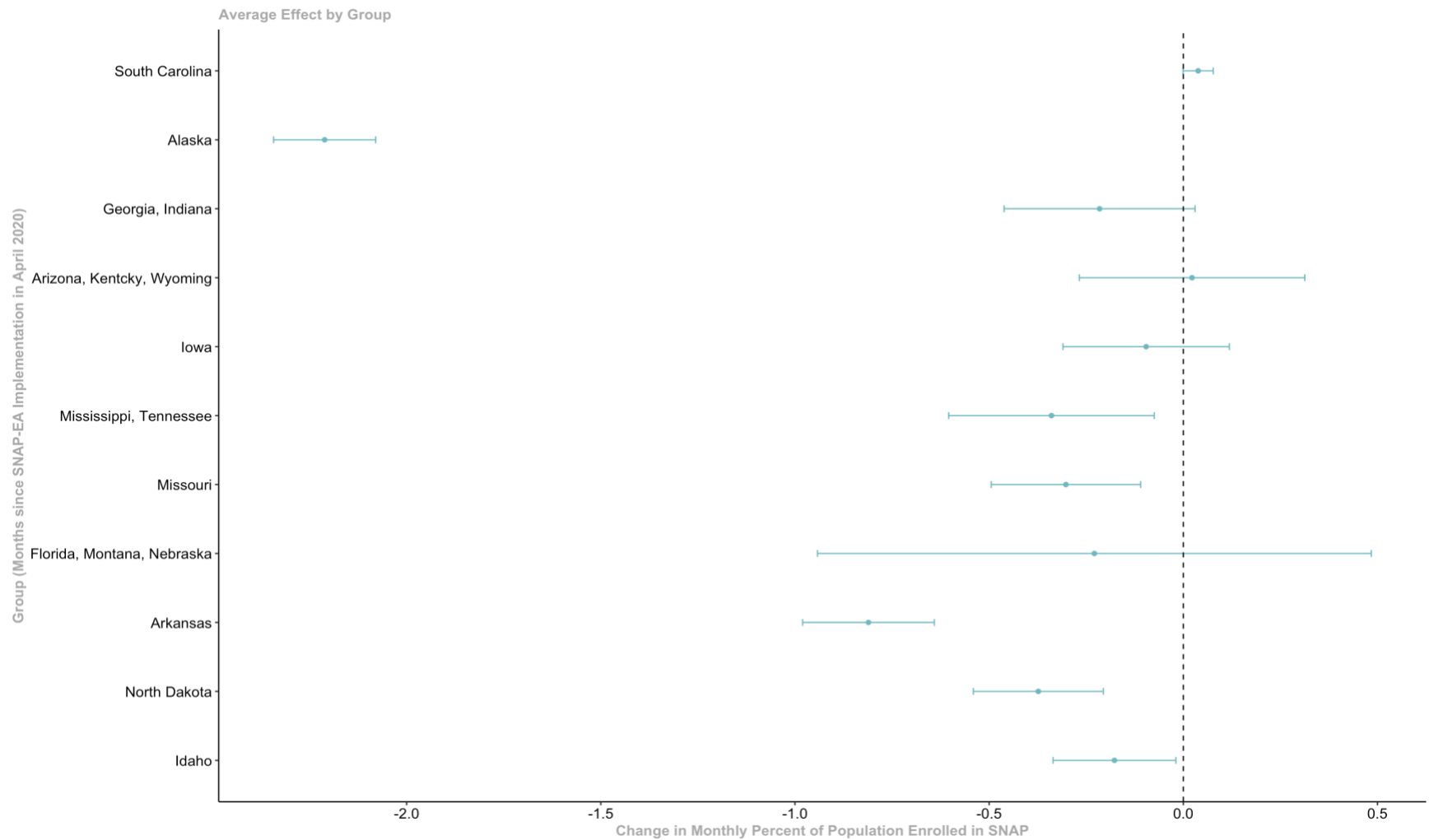
Supplemental Figure 5. Effect of Opting out of SNAP-EA on Monthly Benefit Size by Opt-Out Month



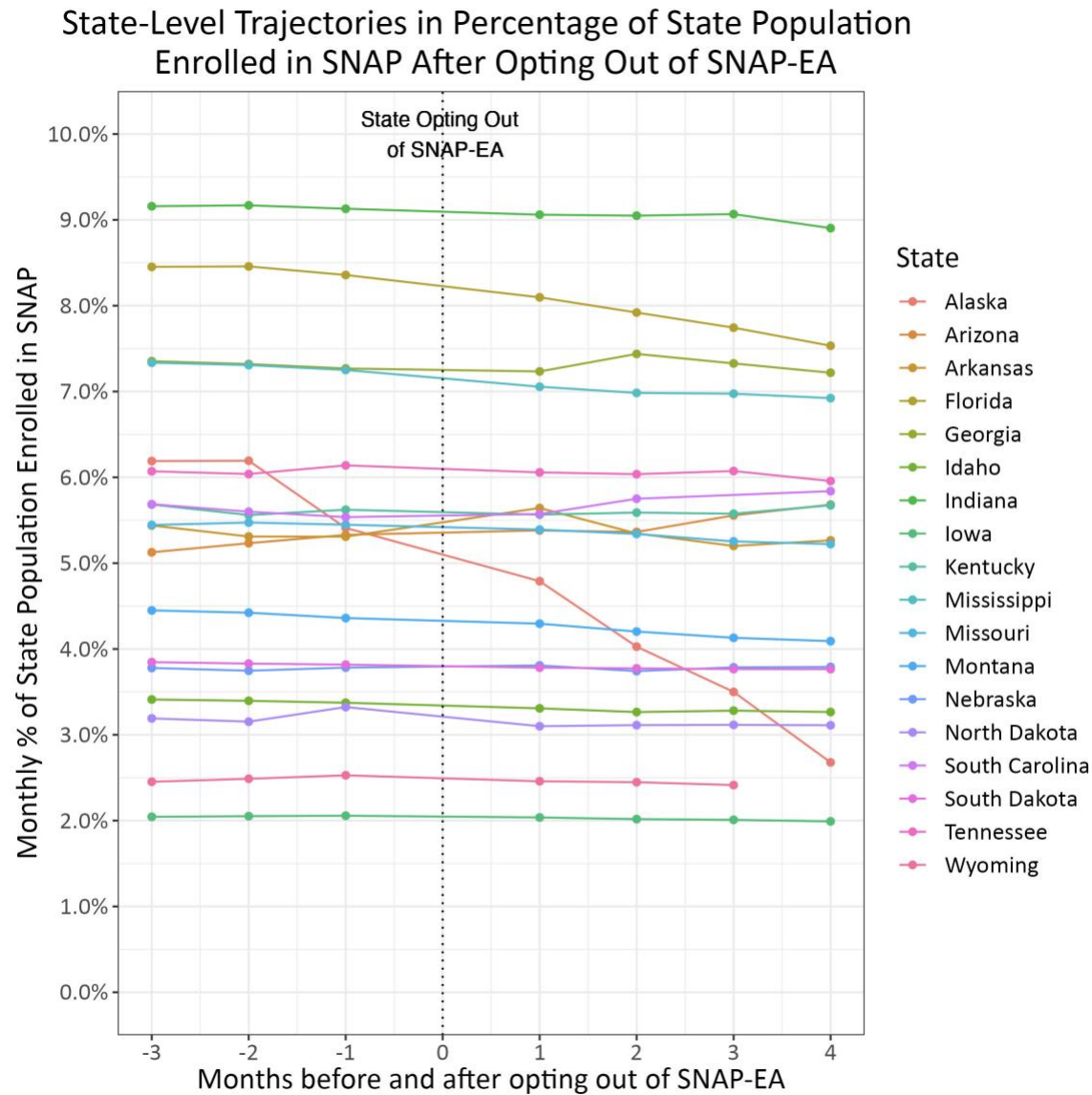
Supplemental Figure 6. State-Level Trajectories in SNAP Household Benefit Size after opting out of SNAP-EA



Supplemental Figure 7. Effect of Opting out of SNAP-EA on Percentage of Population Enrolled by Opt-Out Month



Supplemental Figure 8. State-Level Trajectories in Percentage of State Population Enrolled in SNAP after opting out of SNAP-EA



Supplemental Table 2. Average Effects of opting out of SNAP-EA by months before and after opt-out, adjusted for Republican governor

Average treatment effects	Average monthly SNAP benefit size	Percentage of state population enrolled in SNAP
Group-time aggregate across all lengths of exposure, Adjusted for Republican Governor	-184.33 [-218.22, -150.44] *	-0.49 [-0.90, -0.08] *
Average Effect by Length of Exposure, Adjusted for Republican Governor		
-12	12.69 [-80.57, 105.95]	-0.14 [-0.45, 0.18]
-11	-19.57 [-72.58, 33.43]	0.05 [-0.16, 0.26]
-10	-0.08 [-21.79, 21.63]	-0.05 [-0.25, 0.16]
-9	18.69 [-47.98, 85.37]	-0.10 [-0.31, 0.10]
-8	-5.22 [-64.60, 54.15]	-0.02 [-0.18, 0.14]
-7	-16.19 [-42.31, 9.94]	-0.09 [-0.19, 0.01]
-6	-4.88 [-33.40, 23.64]	-0.01 [-0.12, 0.11]
-5	9.14 [-30.20, 48.48]	-0.01 [-0.11, 0.08]
-4	5.32 [-18.25, 28.89]	-0.01 [-0.09, 0.07]
-3	-20.65 [-52.53, 11.22]	0.00 [-0.07, 0.08]
-2	2.18 [-35.59, 39.95]	-0.03 [-0.14, 0.08]
-1	23.88 [-34.67, 82.43]	0.01 [-0.20, 0.22]
0	-150.19 [-218.06, -82.33] *	-0.08 [-0.23, 0.07]
1	-179.56 [-249.12, -110] *	-0.20 [-0.52, 0.13]
2	-174.82 [-230.14, -119.50] *	-0.30 [-0.69, 0.1]
3	-170.7 [-213.46, -127.94] *	-0.42 [-0.98, 0.14]
4	-154.43 [-258.64, -50.22] *	-0.45 [-1.12, 0.22]

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5	-155.79 [-257.07, -54.51] *	-0.47 [-1.00, 0.06]
6	-186.22 [-219.88, -152.56] *	-0.36 [-0.78, 0.05]
7	-199.65 [-245.44, -153.87] *	-0.41 [-0.83, 0.01]
8	-176.87 [-218.11, -135.63] *	-0.37 [-0.81, 0.07]
9	-177.65 [-219.81, -135.48] *	-0.37 [-0.89, 0.16]
10	-177.47 [-231.68, -123.26] *	-0.44 [-1.10, 0.23]
11	-168.17 [-242.36, -93.99] *	-0.65 [-1.55, 0.26]
12	-185.33 [-232.99, -137.67] *	-0.61 [-1.42, 0.19]

Supplemental Table 3. State-Level Opt-out Regression Covariate Summary Statistics

Variable	States that Remained in SNAP-EA (N = 33)	States that Opted Out of SNAP-EA (N = 18)
Republican governor from 2021-2023 N (%)	10 (30.3%)	17 (94.4%)
2022 PVI Mean \pm SD (Range)	-2.30 \pm 12.25 (-43, 22)	11.72 \pm 6.22 (2, 25)
Population (2019, millions) Mean \pm SD (Range)	7.35 \pm 8.28 (0.62, 39.5)	4.75 \pm 5.05 (0.58, 21.5)
Unemployment rate (2019) Mean \pm SD (Range)	3.64 \pm 0.75 (2.4, 5.5)	3.59 \pm 0.96 (2.4, 6.1)
SNAP Policy Index (April 2020, weighted) Mean \pm SD (Range)	7.57 \pm 1.51 (3.61, 8.83)	5.78 \pm 1.46 (2.37, 8.48)