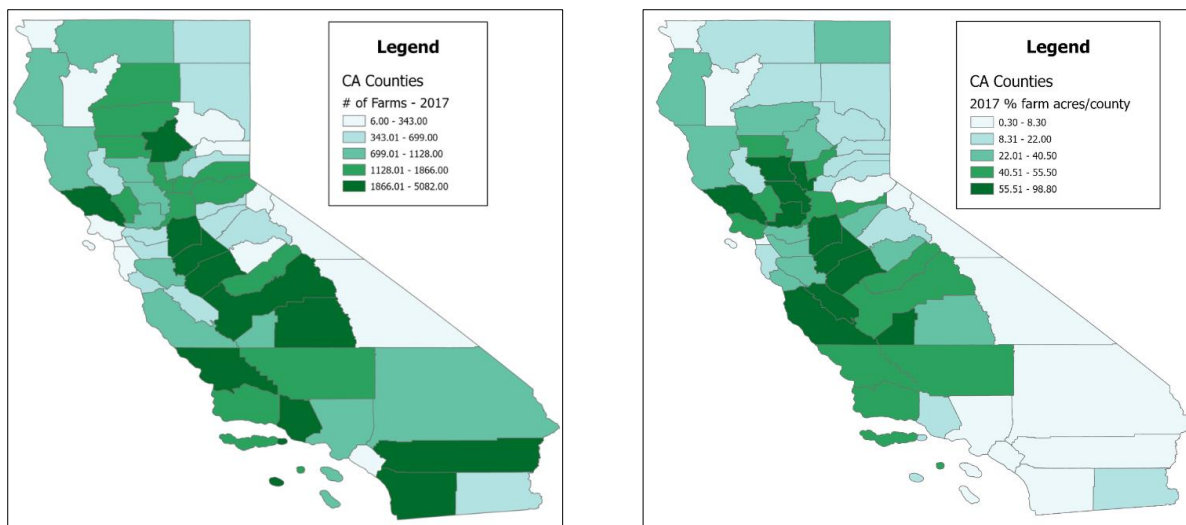


## B Supplementary Tables and Figures

Figure B1: Overview of Farms in California



(a) Number of Farms

(b) Percentage of Farm Acres per County

**Notes:** Panel (a) shows the number of farms for each county in California as of 2017. Panel (b) shows the percentage of land area devoted to farm acres for each county in California as of 2017. Underlying data obtained from USDA NASS.

Table B1: Summary Statistics

|                     | All Periods |           |           | Pre-Treatment Periods |           |           | Post-Treatment Periods |           |           |
|---------------------|-------------|-----------|-----------|-----------------------|-----------|-----------|------------------------|-----------|-----------|
|                     | Low Est.    | Avg. Est. | High Est. | Low Est.              | Avg. Est. | High Est. | Low Est.               | Avg. Est. | High Est. |
| <b>Full Sample</b>  |             |           |           |                       |           |           |                        |           |           |
| Obs.                | 21,354      | 21,354    | 21,354    | 12,223                | 12,223    | 12,223    | 9,131                  | 9,131     | 9,131     |
| Median              | 13,738      | 13,999    | 14,273    | 14,235                | 14,493    | 14,709    | 12,948                 | 13,219    | 13,565    |
| Mean                | 41,580      | 41,795    | 42,009    | 42,229                | 42,421    | 42,613    | 40,712                 | 40,956    | 41,200    |
| Std. Dev.           | 60,341      | 60,382    | 60,430    | 60,470                | 60,524    | 60,583    | 60,161                 | 60,184    | 60,218    |
| Min                 | 0.10        | 0.10      | 0.10      | 0.10                  | 0.10      | 0.10      | 0.10                   | 0.50      | 0.50      |
| Max                 | 855,410     | 855,410   | 855,410   | 692,210               | 692,210   | 692,210   | 855,410                | 855,410   | 855,410   |
| <b>California</b>   |             |           |           |                       |           |           |                        |           |           |
| Obs.                | 391         | 391       | 391       | 224                   | 224       | 224       | 167                    | 167       | 167       |
| Median              | 7,818       | 7,818     | 7,818     | 7,054                 | 7,054     | 7,054     | 7,825                  | 7,825     | 7,825     |
| Mean                | 67,790      | 67,790    | 67,790    | 65,481                | 65,481    | 65,481    | 70,888                 | 70,888    | 70,888    |
| Std. Dev.           | 139,242     | 139,242   | 139,242   | 133,558               | 133,558   | 133,558   | 146,871                | 146,871   | 146,871   |
| Min                 | 0.5         | 0.5       | 0.5       | 1.4                   | 1.4       | 1.4       | 0.5                    | 0.5       | 0.5       |
| Max                 | 855,410     | 855,410   | 855,410   | 692,210               | 692,210   | 692,210   | 855,410                | 855,410   | 855,410   |
| <b>Other States</b> |             |           |           |                       |           |           |                        |           |           |
| Obs.                | 20,963      | 20,963    | 20,963    | 11,999                | 11,999    | 11,999    | 8,964                  | 8,964     | 8,964     |
| Median              | 13,815      | 14,067    | 14,315    | 14,273                | 14,560    | 14,740    | 12,992                 | 13,279    | 13,611    |
| Mean                | 41,092      | 41,310    | 41,528    | 41,795                | 41,991    | 42,186    | 40,150                 | 40,398    | 40,647    |
| Std. Dev.           | 57,751      | 57,796    | 57,849    | 58,164                | 58,223    | 58,287    | 57,184                 | 57,211    | 57,250    |
| Min                 | 0.1         | 0.1       | 0.1       | 0.1                   | 0.1       | 0.1       | 0.1                    | 0.7       | 0.7       |
| Max                 | 594,293     | 594,336   | 594,379   | 559,148               | 559,400   | 559,651   | 594,293                | 594,336   | 594,379   |

Table B2: Triple-Difference Model Results—Normalized Outcome Variable

| VARIABLES                         | (1)                   | (2)                      | (3)                   |
|-----------------------------------|-----------------------|--------------------------|-----------------------|
|                                   | “Low” Usage Estimate  | “Average” Usage Estimate | “High” Usage Estimate |
| Glyph×California×Treatment Period | -31.494***<br>(8.998) | -31.704***<br>(8.999)    | -31.677***<br>(8.998) |
| California×Treatment Period       | -0.348***<br>(0.067)  | -0.346***<br>(0.063)     | -0.377***<br>(0.069)  |
| Constant                          | 2.545***<br>(0.001)   | 1.991***<br>(0.000)      | 2.663***<br>(0.001)   |
| Observations                      | 1,673,628             | 2,461,403                | 1,673,628             |
| R-squared                         | 0.216                 | 0.210                    | 0.220                 |

Standard errors reported in parentheses are clustered at the state level.

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

Table B3: Triple-Difference Model Results—CA Neighboring States

| VARIABLES                         | (1)<br>“Low” Usage Estimate | (2)<br>“Average” Usage Estimate | (3)<br>“High” Usage Estimate |
|-----------------------------------|-----------------------------|---------------------------------|------------------------------|
| Glyph×California×Treatment Period | -0.624<br>(0.274)           | -0.606*<br>(0.255)              | -0.611<br>(0.261)            |
| California×Treatment Period       | 0.000<br>(0.000)            | 0.000<br>(0.000)                | 0.000<br>(0.000)             |
| Constant                          | 8.302***<br>(0.053)         | 8.377***<br>(0.049)             | 8.346***<br>(0.050)          |
| Observations                      | 867                         | 867                             | 867                          |
| R-squared                         | 0.940                       | 0.948                           | 0.946                        |

Standard errors reported in parentheses are clustered at the state level.

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1