

Codebook for SaintLouisLaborLand50\_r075.csv

Dataset created as part of “Modeling how and why aquatic vegetation removal can free rural households from poverty-disease traps” by Molly J. Doruska, Christopher B. Barrett, and Jason R. Rohr

Dataset created by Molly J. Doruska, [mjd438@cornell.edu](mailto:mjd438@cornell.edu)

Variable names and descriptions:

| Column Number | Variable Name     | Variable Description   |
|---------------|-------------------|--|
| 1             | Time              | Year in simulation   |
| 2             | Vegload           | Amount of aquatic vegetation in the water source                       |
| 3             | Infected          | Number of infected humans  |
| 4             | Susceptible       | Number of susceptible humans   |
| 5             | Miricidia         | Miricidia population   |
| 6             | Sussnails         | Number of susceptible snails   |
| 7             | Infsnails         | Number of infected snails  |
| 8             | Cercariae         | Cercariae population   |
| 9             | Preinf            | Predicted number of infected humans by the disease ecology submodel    |
| 10            | Presus            | Predicted number of susceptible humans by the disease ecology submodel |
| 11            | Foodconsumption   | Optimal food consumption by the household                              |
| 12            | Hhgoodconsumption | Optimal household good consumption by the household                    |
| 13            | Healthstatus      | Household health status value  |
| 14            | Foodlabor         | Optimal food labor by the household                                    |
| 15            | Vegprod           | Amount of vegetation removal by the household                          |
| 16            | Fert              | Optimal fertilizer use by the household                                |
| 17            | Veglabor          | Optimal vegetation labor by the household                              |

|    |                |  |
|----|----------------|--|
| 18 | Foodprod       | Total food production by the household   |
| 19 | Leisure        | Optimal leisure by the household   |
| 20 | Hiredfarm      | Amount of hired farm labor for the household                                   |
| 21 | Hiredveg       | Amount of hired vegetation removal labor by the household                      |
| 22 | Marketlabor    | Amount of labor supplied to the market by the household                        |
| 23 | Foodlabortotal | Total amount of labor to produce food on the household's farm                  |
| 24 | Veglabortotal  | Total amount of labor to remove vegetation supplied and hired by the household |