Table 1. Lunch Eligibility Statistics for Alachua County Elementary Schools

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| School | # of Student | # of Free Lunch Students | # of Reduced Price Lunch Students | % of Free Lunch Students | % of Reduced Lunch Students | % of Paid Students |
| Alachua | 395 | 227 | 2 | 0.574684 | 0.005063 | 0.420253 |
| Archer | 506 | 244 | 8 | 0.482213 | 0.01581 | 0.501976 |
| Chiles | 716 | 260 | 17 | 0.363128 | 0.023743 | 0.613128 |
| Finley | 650 | 246 | 3 | 0.378462 | 0.004615 | 0.616923 |
| Foster | 529 | 280 | 12 | 0.529301 | 0.022684 | 0.448015 |
| Glen | 499 | 244 | 21 | 0.488978 | 0.042084 | 0.468938 |
| Hidden | 792 | 230 | 34 | 0.290404 | 0.042929 | 0.666667 |
| High Springs | 887 | 383 | 34 | 0.431793 | 0.038331 | 0.529876 |
| Irby | 432 | 244 | 12 | 0.564815 | 0.027778 | 0.407407 |
| Idylwild | 803 | 575 | 12 | 0.716065 | 0.014944 | 0.268991 |
| Lake.Forest | 352 | 312 | 1 | 0.886364 | 0.002841 | 0.110795 |
| Littlewood | 720 | 333 | 13 | 0.4625 | 0.018056 | 0.519444 |
| Meadowbrook | 810 | 256 | 35 | 0.316049 | 0.04321 | 0.640741 |
| Metcalfe | 316 | 262 | 2 | 0.829114 | 0.006329 | 0.164557 |
| Newberry | 609 | 261 | 11 | 0.428571 | 0.018062 | 0.553366 |
| Norton | 673 | 0 | 0 | 0 | 0 | 1 |
| Rawlings | 264 | 229 | 0 | 0.867424 | 0 | 0.132576 |
| Shell | 353 | 0 | 0 | 0 | 0 | 1 |
| Talbot | 687 | 204 | 11 | 0.296943 | 0.016012 | 0.687045 |
| Terwilliger | 680 | 496 | 11 | 0.729412 | 0.016176 | 0.254412 |
| Wiles | 826 | 288 | 5 | 0.348668 | 0.006053 | 0.645278 |
| Williams | 628 | 435 | 3 | 0.692675 | 0.004777 | 0.302548 |

Table 2. Estimated impacts of source of product on NSLP participation

|  | Race/Ethnicity Controls | |  | School-level Fixed Effects | |
| --- | --- | --- | --- | --- | --- |
|  | All School Year | From Beginning of FTS |  | All School Year | From Beginning of FTS |
| FTS | 10.542\*\*\* | 3.288 |  | 6.105\*\*\* | 5.447\*\* |
|  | (5.331) | (6.056) |  | (2.332) | (2.562) |
| Florida | 32.223\*\*\* | 27.783\*\* |  | 10.218\* | 11.093\* |
|  | (13.742) | (13.838) |  | (5.999) | (5.866) |
| Free | 131.618\*\*\* | 141.952\*\*\* |  | 310.846\*\*\* | 296.226\*\*\* |
|  | (28.993) | (35.721) |  | (16.206) | (19.250) |
| Reduced | -3,611.513\*\*\* | -3,738.707\*\*\* |  | 7,421.961\*\*\* | 6,847.423\*\*\* |
|  | (296.125) | (368.062) |  | (471.577) | (551.252) |
| Mandarin | 6.335 | 10.873 |  | 12.598\*\*\* | 14.653\*\*\* |
|  | (7.389) | (8.687) |  | (3.231) | (3.695) |
| Chef | 4.990 | 21.785\*\* |  | 5.376 | 8.095\* |
|  | (7.711) | (10.083) |  | (3.361) | (4.265) |
| Fajita | 10.087 |  |  | 10.778\* |  |
|  | (13.185) |  |  | (5.744) |  |
| Chicken Tender | 17.802 |  |  | 30.829\*\*\* |  |
|  | (17.026) |  |  | (7.424) |  |
| Salad LO | -17.663\*\*\* | -17.636\*\* |  | -21.448\*\*\* | -15.010\*\*\* |
|  | (6.556) | (10.148) |  | (2.916) | (4.413) |
| Chicken Smacker | 10.532 | 17.808 |  | 0.516 | 3.370 |
|  | (13.890) | (14.025) |  | (6.050) | (5.930) |
| Chicken Chop | 0.264 | 6.658 |  | 3.620 | 4.627 |
|  | (6.800) | (8.093) |  | (2.961) | (3.423) |
| Hamburger | -31.585\*\*\* | -25.524\*\*\* |  | -1.523 | -2.912 |
|  | (7.100) | (8.819) |  | (3.140) | (3.766) |
| Italian | -9.590\*\* | -9.741\* |  | -5.206\*\* | -7.436\*\* |
|  | (5.885) | (7.122) |  | (2.571) | (3.016) |
| Mexican | -18.250\*\*\* | -3.153 |  | 6.129\*\* | 12.184\*\*\* |
|  | (6.167) | (7.444) |  | (2.716) | (3.165) |
| Pizza | -12.237\*\* | -19.208\* |  | 23.700\*\*\* | 21.648\*\*\* |
|  | (7.897) | (10.487) |  | (3.481) | (4.546) |
| Sandwich | -43.053\*\*\* | -37.732\*\*\* |  | 7.969\*\*\* | 9.419\*\*\* |
|  | (5.714) | (6.853) |  | (2.655) | (3.072) |
| Other | 0.014 | 5.575 |  | 6.640\*\* | 9.304\*\* |
|  | (6.556) | (7.823) |  | (2.905) | (3.403) |
| Black | 1.289\*\*\* | 0.921\* |  |  |  |
|  | (0.401) | (0.495) |  |  |  |
| Asian | 2.985\*\*\* | 3.390\*\*\* |  |  |  |
|  | (0.852) | (1.028) |  |  |  |
| Hispanic | 8.778\*\*\* | 8.199\*\*\* |  |  |  |
|  | (1.001) | (1.234) |  |  |  |
| Other | 26.477\*\*\* | 25.835\*\*\* |  |  |  |
|  | (1.213) | (1.482) |  |  |  |
| Constant | 75.777\*\*\* | 84.014\*\*\* |  | 139.279\*\*\* | 148.231\*\*\* |
|  | (22.303) | (27.006) |  | (9.500) | (11.297) |
| School-Level Fixed Effects | No | No |  | Yes | Yes |
| Observations | 1,880 | 1,219 |  | 1,880 | 1,219 |
| R-Squared | 0.43 | 0.43 |  | 0.89 | 0.90 |

Note: \*, \*\*, \*\*\* indicate parameter significance at α = 10%, 5% and 1%, respectively. Standard errors are in parentheses.

Table 2. Continued

Table 3. Estimated impacts of source of product on NSLP participation with Interaction terms.

|  | Race/Ethnicity Controls | |  | School-level Fixed Effects | |
| --- | --- | --- | --- | --- | --- |
|  | All School Year | From Beginning of FTS |  | All School Year | From Beginning of FTS |
| FTS | 20.969\*\* | 14.155 |  | 17.626\*\*\* | 17.849\*\*\* |
|  | (9.612) | (11.101) |  | (4.145) | (4.640) |
| Florida | 56.463\*\* | 53.055\*\* |  | 25.650\*\*\* | 27.700\*\*\* |
|  | (22.233) | (22.372) |  | (9.585) | (9.356) |
| Free | 132.870\*\*\* | 144.681\*\*\* |  | -58.575\* | 7.483 |
|  | (29.006) | (35.738) |  | (30.523) | (35.787) |
| Reduced | -3,614.765\*\*\* | -3,749.448\*\*\* |  | 4,734.396\*\*\* | 3,062.750\*\*\* |
|  | (296.549) | (368.732) |  | (705.293) | (825.778) |
| Mandarin | 8.719 | 12.670 |  | 15.496\*\*\* | 18.247\*\*\* |
|  | (8.245) | (9.949) |  | (3.560) | (4.171) |
| Chef | 12.079 | 33.134\*\*\* |  | 13.525\*\*\* | 19.341\*\*\* |
|  | (8.598) | (11.716) |  | (3.708) | (4.901) |
| Fajita | 12.666 |  |  | 13.329\*\* |  |
|  | (13.316) |  |  | (5.744) |  |
| Chicken Tender | 19.540 |  |  | 32.610\*\*\* |  |
|  | (17.071) |  |  | (7.365) |  |
| Salad LO | -18.632\*\*\* | -18.080 |  | -22.829\*\*\* | -13.238\*\*\* |
|  | (7.147) | (11.706) |  | (3.137) | (5.001) |
| Chicken Smacker | 15.327 | 19.429 |  | -10.388 | -6.844 |
|  | (18.614) | (18.792) |  | (8.036) | (7.875) |
| Chicken Chop | 6.280 | 14.398 |  | 9.964\*\*\* | 12.297\*\*\* |
|  | (8.372) | (10.321) |  | (3.608) | (4.318) |
| FTS\*Mandarin | -0.182 | 3.021 |  | -3.473 | -5.464 |
|  | (16.649) | (17.548) |  | (7.180) | (7.335) |
| Florida\*Mandarin |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chef | -23.849\* | -26.669\* |  | -29.202\*\*\* | -27.846\*\*\* |
|  | (13.533) | (15.491) |  | (5.830) | (6.468) |
| Florida\*Chef | -54.311\* | -57.550\* |  | -38.765\*\*\* | -37.947\*\*\* |
|  | (32.903) | (32.886) |  | (14.175) | (13.737) |
| FTS\*Fajita |  |  |  |  |  |
|  |  |  |  |  |  |
| Florida\*Fajita |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chicken Tender |  |  |  |  |  |
|  |  |  |  |  |  |
| Florida\*Chicken Tender |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Salad Leftover | 3.829 | -11.007 |  | 13.421\* | -8.707 |
|  | (18.521) | (24.165) |  | (8.021) | (10.102) |
| Florida\*Salad Leftover | 84.806\* | 85.222\* |  | 38.260\* | 25.704 |
|  | (45.913) | (46.155) |  | (19.792) | (19.293) |
| FTS\*Chicken Smacker | -13.064 | -3.952 |  | 20.516\* | 20.952\* |
|  | (27.997) | (28.139) |  | (12.079) | (11.772) |
| Florida\*Chicken Smacker |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chicken Chop | -15.393 | -15.074 |  | -19.610\*\*\* | -18.661\*\*\* |
|  | (13.384) | (15.498) |  | (5.767) | (6.473) |
| Florida\*Chicken Chop | -55.217\* | -57.062\* |  | -28.907\*\* | -29.414\*\* |
|  | (32.985) | (33.044) |  | (14.213) | (13.810) |
| Hamburger | -31.647\*\*\* | -25.645\*\*\* |  | -1.129 | -2.537 |
|  | (7.141) | (8.895) |  | (3.125) | (3.756) |
| Italian | -9.700 | -10.246 |  | -5.164\*\* | -7.632\*\* |
|  | (5.926) | (7.159) |  | (2.562) | (2.998) |
| Mexican | -18.945\*\*\* | -3.461 |  | 5.820\*\* | 12.313\*\*\* |
|  | (6.179) | (7.459) |  | (2.694) | (3.137) |
| Pizza | -10.424 | -19.260\* |  | 26.179\*\*\* | 22.187\*\*\* |
|  | (7.993) | (10.637) |  | (3.486) | (4.513) |
| Sandwich | -43.542\*\*\* | -37.988\*\*\* |  | 8.257\*\*\* | 10.112\*\*\* |
|  | (5.733) | (6.872) |  | (2.636) | (3.050) |
| Other | 0.265 | 5.396 |  | 7.232\*\* | 9.798\*\*\* |
|  | (6.599) | (7.869) |  | (2.893) | (3.385) |
| Black | 1.279\*\*\* | 0.895\* |  |  |  |
|  | (0.401) | (0.495) |  |  |  |
| Asian | 2.931\*\*\* | 3.313\*\*\* |  |  |  |
|  | (0.853) | (1.029) |  |  |  |
| Hispanic | 8.807\*\*\* | 8.225\*\*\* |  |  |  |
|  | (1.001) | (1.234) |  |  |  |
| Other | 26.512\*\*\* | 25.884\*\*\* |  |  |  |
|  | (1.213) | (1.481) |  |  |  |
| Constant | 72.076\*\*\* | 79.605\*\*\* |  | 139.279\*\*\* | 148.231\*\*\* |
|  | (22.471) | (27.277) |  | (9.500) | (11.297) |
| School-Level Fixed Effects | No | No |  | Yes | Yes |
| Observations | 1,880 | 1,219 |  | 1,880 | 1,219 |
| R-Squared | 0.43 | 0.43 |  | 0.89 | 0.90 |

Note: \*, \*\*, \*\*\* indicate parameter significance at α = 10%, 5% and 1%, respectively. Standard errors are in parentheses.

Table 4. Estimated impacts of source of product on the salad ratio

|  | Race/Ethnicity Controls | |  | School-level Fixed Effects | |
| --- | --- | --- | --- | --- | --- |
|  | All school year | From beginning of FTS |  | All school year | From beginning of FTS |
| FTS | -0.001 | 0.001 |  | -0.003 | 0.001 |
|  | (0.002) | (0.002) |  | (0.002) | (0.002) |
| Florida | 0.013\*\*\* | 0.019\*\*\* |  | 0.007 | 0.014\*\*\* |
|  | (0.005) | (0.005) |  | (0.004) | (0.005) |
| Free | -0.048\*\*\* | -0.043\*\*\* |  | -0.020 | -0.053\*\*\* |
|  | (0.011) | (0.013) |  | (0.005) | (0.014) |
| Reduced | 0.259\*\* | 0.281\*\* |  | 0.636\* | 1.194\*\*\* |
|  | (0.113) | (0.131) |  | (0.365) | (0.014) |
| Mandarin | -0.006\*\* | -0.002 |  | -0.002 | 0.002 |
|  | (0.003) | (0.003) |  | (0.003) | (0.003) |
| Chef | 0.014\*\*\* | 0.016\*\*\* |  | 0.015\*\*\* | 0.014\*\*\* |
|  | (0.003) | (0.004) |  | (0.003) | (0.003) |
| Fajita | 0.021\*\*\* |  |  | 0.021\*\*\* |  |
|  | (0.005) |  |  | (0.004) |  |
| Chicken Tender | 0.038\*\*\* |  |  | 0.038\*\*\* |  |
|  | (0.007) |  |  | (0.006) |  |
| Salad LO | 0.009\*\*\* | 0.005 |  | 0.011\*\*\* | 0.009\*\*\* |
|  | (0.003) | (0.004) |  | (0.002) | (0.003) |
| Chicken Smacker | 0.014\* | 0.019\*\* |  | 0.013 | 0.017\*\* |
|  | (0.005) | (0.005) |  | (0.005) | (0.004) |
| Chicken Chop | 0.005\*\* | 0.005\* |  | 0.005\*\* | 0.003 |
|  | (0.003) | (0.003) |  | (0.002) | (0.003) |
| Hamburger | -0.008\*\*\* | -0.010\*\*\* |  | -0.003 | -0.005 |
|  | (0.003) | (0.003) |  | (0.002) | (0.003) |
| Italian | 0.003 | -0.001 |  | 0.004\*\* | 0.0003 |
|  | (0.002) | (0.003) |  | (0.002) | (0.002) |
| Mexican | 0.002 | 0.001 |  | 0.007\*\*\* | 0.005\*\* |
|  | (0.002) | (0.003) |  | (0.002) | (0.002) |
| Pizza | -0.021\*\*\* | -0.020\*\*\* |  | -0.012\*\*\* | -0.009\*\* |
|  | (0.003) | (0.004) |  | (0.003) | (0.003) |
| Sandwich | -0.004\*\* | -0.007\*\*\* |  | 0.004\*\* | 0.001 |
|  | (0.002) | (0.002) |  | (0.002) | (0.002) |
| Other | -0.005\* | -0.004 |  | 0.001 | 0.004 |
|  | (0.003) | (0.003) |  | (0.002) | (0.003) |
| Black | 0.001\*\*\* | 0.0001\*\*\* |  |  |  |
|  | (0.0002) | (0.0002) |  |  |  |
| Asian | -0.002\*\*\* | -0.002\*\*\* |  |  |  |
|  | (0.0002) | (0.0004) |  |  |  |
| Hispanic | 0.003\*\*\* | 0.003\*\*\* |  |  |  |
|  | (0.0004) | (0.0004) |  |  |  |
| Other | -0.003\*\*\* | -0.003\*\*\* |  |  |  |
|  | (0.0005) | (0.001) |  |  |  |
| Constant | 0.039\*\*\* | 0.046\*\*\* |  | 0.022\*\*\* | 0.023\*\*\* |
|  | (0.007) | (0.008) |  | (0.005) | (0.007) |
| School-Level Fixed Effects | No | No |  | Yes | Yes |
| Observations | 1,880 | 1,219 |  | 1,880 | 1,219 |
| R-Squared | 0.10 | 0.10 |  | 0.31 | 0.30 |

Note: \*, \*\*, \*\*\* indicate parameter significance at α = 10%, 5% and 1%, respectively. Standard errors are in parentheses.

Table 4 Continued

Table 5. Estimated impacts of source of product on the salad ratio

|  | Race/Ethnicity Controls | |  | School-level Fixed Effects | |
| --- | --- | --- | --- | --- | --- |
|  | All school year | From beginning of FTS |  | All school year | From beginning of FTS |
| FTS | 0.001 | 0.005 |  | -0.001 | 0.003 |
|  | (0.004) | (0.004) |  | (0.003) | (0.004) |
| Florida | 0.006 | 0.013 |  | -0.002 | 0.005 |
|  | (0.009) | (0.008) |  | (0.008) | (0.007) |
| Free | -0.048\*\*\* | -0.042\*\*\* |  |  |  |
|  | (0.011) | (0.013) |  |  |  |
| Reduced | 0.255\*\* | 0.271\*\* |  |  |  |
|  | (0.113) | (0.131) |  |  |  |
| Mandarin | -0.005\* | -0.001 |  | -0.002 | 0.003 |
|  | (0.003) | (0.004) |  | (0.003) | (0.003) |
| Chef | 0.014\*\*\* | 0.016\*\*\* |  | 0.015\*\*\* | 0.014\*\*\* |
|  | (0.003) | (0.004) |  | (0.003) | (0.004) |
| Fajita | 0.021\*\*\* |  |  | 0.021\*\*\* |  |
|  | (0.005) |  |  | (0.004) |  |
| Chicken Tender | 0.038\*\*\* |  |  | 0.039\*\*\* |  |
|  | (0.007) |  |  | (0.006) |  |
| Salad LO | 0.008\*\*\* | 0.004 |  | 0.011\*\*\* | 0.008\*\*\* |
|  | (0.003) | (0.004) |  | (0.002) | (0.004) |
| Chicken Smacker | 0.022\* | 0.028\*\* |  | 0.017\*\*\* | 0.023\*\*\* |
|  | (0.007) | (0.007) |  | (0.006) | (0.006) |
| Chicken Chop | 0.005\*\* | 0.007\* |  | 0.005\* | 0.004 |
|  | (0.003) | (0.004) |  | (0.003) | (0.003) |
| Hamburger | -0.008\*\*\* | -0.009\*\*\* |  | -0.002 | -0.004 |
|  | (0.003) | (0.003) |  | (0.002) | (0.003) |
| Italian | 0.003 | -0.001 |  | 0.005\*\* | 0.001 |
|  | (0.002) | (0.003) |  | (0.002) | (0.002) |
| Mexican | 0.002 | 0.001 |  | 0.008\*\*\* | 0.005\*\* |
|  | (0.002) | (0.003) |  | (0.002) | (0.002) |
| Pizza | -0.021\*\*\* | -0.020\*\*\* |  | -0.012\*\*\* | -0.009\*\*\* |
|  | (0.003) | (0.004) |  | (0.003) | (0.003) |
| Sandwich | -0.005\*\* | -0.007\*\*\* |  | 0.004\*\* | 0.001 |
|  | (0.002) | (0.002) |  | (0.002) | (0.002) |
| Other | -0.005\* | -0.004 |  | 0.001 | 0.004 |
|  | (0.003) | (0.003) |  | (0.002) | (0.003) |
| FTS\*Mandarin | -0.003 | -0.003 |  | -0.001 | -0.002 |
|  | (0.006) | (0.006) |  | (0.006) | (0.006) |
| Florida\*Mandarin |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chef | -0.001 | -0.003 |  | -0.002 | -0.003 |
|  | (0.005) | (0.006) |  | (0.005) | (0.005) |
| Florida\*Chef | 0.020 | 0.016 |  | 0.021\* | 0.018\* |
|  | (0.013) | (0.012) |  | (0.011) | (0.010) |
| FTS\*Fajita |  |  |  |  |  |
|  |  |  |  |  |  |
| Florida\*Fajita |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chicken Tender |  |  |  |  |  |
|  |  |  |  |  |  |
| Florida\*Chicken Tender |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Salad Leftovers | -0.001 | -0.001 |  | -0.001 | -0.002 |
|  | (0.007) | (0.009) |  | (0.006) | (0.008) |
| Florida\*Salad Leftovers | 0.014 | 0.019 |  | 0.006 | 0.014 |
|  | (0.018) | (0.016) |  | (0.016) | (0.015) |
| FTS\*Chicken Smacker | -0.018\* | -0.021\*\* |  | -0.011 | -0.015\* |
|  | (0.011) | (0.010) |  | (0.009) | (0.009) |
| Florida\*Chicken Smacker |  |  |  |  |  |
|  |  |  |  |  |  |
| FTS\*Chicken Chop | -0.001 | -0.004 |  | -0.0001 | -0.002 |
|  | (0.005) | (0.006) |  | (0.005) | (0.005) |
| Florida\*Chicken Chop | 0.003 | 0.001 |  | 0.008 | 0.006 |
|  | (0.013) | (0.012) |  | (0.011) | (0.010) |
| Black | 0.001\*\*\* | 0.0005\*\*\* |  |  |  |
|  | (0.0002) | (0.0002) |  |  |  |
| Asian | -0.002\*\*\* | -0.002\*\*\* |  |  |  |
|  | (0.0003) | (0.0004) |  |  |  |
| Hispanic | 0.003\*\*\* | 0.003\*\*\* |  |  |  |
|  | (0.0004) | (0.0004) |  |  |  |
| Other | -0.003\*\*\* | -0.003\*\*\* |  |  |  |
|  | (0.0005) | (0.001) |  |  |  |
| Constant | 0.039\*\*\* | 0.046\*\*\* |  | 0.022\*\*\* | 0.023\*\*\* |
|  | (0.007) | (0.008) |  | (0.005) | (0.007) |
| School-Level Fixed Effects | No | No |  | Yes | Yes |
| Observations | 1,880 | 1,219 |  | 1,880 | 1,219 |
| R-Squared | 0.10 | 0.10 |  | 0.31 | 0.30 |

Note: \*, \*\*, \*\*\* indicate parameter significance at α = 10%, 5% and 1%, respectively. Standard errors are in parentheses.