# Supplement of "Does Agricultural Commercialization Affect Food Security: The Case of Crop-Producing Households in Post-Reform Vietnam?"

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**General remarks**
- CCPS on caloric intake (2 regions: Central highlands and South east region)
- COMP on caloric intake (All 7 regions)
- CIMP on caloric intake (All 7 regions)
- CCPS on FVS (2 regions: Central highlands and South east region)
- COMP on caloric FV (All 7 regions)S
- CIMP on caloric FVS (All 7 regions)

Four specifications per table: OLS 1992/1993 (N observations), OLS 1997/98 (N observations), Pooled regression (2N observations), and Fixed effects difference-estimator (N observations)

For all tables we used the following notation for the significance level: $^*p<0.1$; $^{**}p<0.05$; $^{***}p<0.01$

# List of tables

*Regressions of commercialisation variables*

# CCPS on caloric intake

*Table S.1: Regression results of CCPS on caloric intake for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CCPS | -254.737 | 184.129 | 14.552 | 113.702 |
| | [265.790] | [164.220] | [158.437] | [189.388] |
| Age | 0.282 | 4.310 | 1.856 | 0.616 |
| | [7.698] | [4.614] | [4.597] | [6.216] |
| Female head | -179.073 | -234.886* | -166.691 | -92.389 |
| | [245.382] | [122.754] | [133.725] | [151.786] |
| Household size | -137.993*** | -60.164*** | -91.397*** | -103.145*** |
| | [47.465] | [22.610] | [25.512] | [30.166] |
| Dependency ratio | 530.207 | -973.873*** | -378.044 | 171.334 |
| | [561.049] | [254.757] | [288.488] | [367.628] |
| Education (1-9 grades) | 117.259 | 177.661 | 168.842 | 80.819 |
| | [230.949] | [140.221] | [142.291] | [162.470] |
| Education (>9 grades) | 548.759 | 293.341 | 513.769** | 278.881 |
| | [352.593] | [195.131] | [206.478] | [239.188] |
| Landholdings | 46,828.350 | 20,230.960 | 34,681.170** | 49,421.830** |
| | [45,623.610] | [16,225.960] | [17,003.770] | [24,338.780] |
| TLU_poultry | 551.950 | -194.970 | 254.923 | 1,561.666 |
| | [1,919.397] | [619.708] | [811.504] | [1,214.984] |
| TLU_large | -83.658 | 217.202* | -36.566 | -101.738 |
| | [131.368] | [116.531] | [87.719] | [119.012] |
| TLU_small | 113.054 | 2.345 | 32.733 | 180.190** |
| | [145.578] | [57.699] | [70.310] | [89.532] |
| Value farm equipment | -1,983.845 | 288.225 | 5,119.845 | 16,704.190 |
| | [22,464.740] | [5,690.349] | [7,283.794] | [10,017.330] |
| Dummy for 1998 | | | -464.397*** | |
| | | | [111.909] | |
| Constant | 3,541.490*** | 3,022.781*** | 3,476.408*** | 2,852.066*** |
| | [703.343] | [425.568] | [421.051] | [494.218] |
| Observations | 74 | 74 | 148 | 74 |
| $R^2$ | 0.297 | 0.409 | 0.278 | 0.364 |
| Adjusted $R^2$ | 0.159 | 0.293 | 0.208 | 0.239 |
| F statistic | 2.153** | 3.525*** | 3.975*** | 2.909*** |

*Table S.2: Regression results of CCPS on caloric intake for crop-farming households in South east*

| s | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference estimator |
|---|---|---|---|---|
| CCPS | 392.128** | 231.420* | 310.146*** | 314.142** |
| | [180.732] | [129.880] | [109.503] | [134.780] |
| Age | -5.160 | -0.636 | -2.111 | -2.031 |
| | [4.637] | [3.525] | [2.842] | [3.470] |
| Female head | 268.361* | 146.099 | 186.350* | 203.997* |
| | [156.697] | [116.097] | [96.558] | [112.441] |
| Household size | -105.616*** | -50.574** | -81.075*** | -66.957*** |
| | [28.417] | [23.415] | [18.169] | [21.878] |
| Dependency ratio | -486.963* | -181.102 | -338.243** | -321.490 |
| | [268.572] | [203.430] | [163.357] | [228.805] |
| Education (1-9 grades) | 312.443* | 251.410* | 274.401*** | 311.702** |
| | [161.982] | [134.271] | [105.366] | [136.541] |
| Education (>9 grades) | 306.004 | 209.664 | 264.242* | 308.404 |
| | [250.302] | [196.910] | [157.851] | [199.300] |
| Landholdings | 21,319.380* | 12,058.480** | 14,813.590*** | 13,969.890* |
| | [12,124.630] | [5,210.171] | [5,166.783] | [7,158.095] |
| TLU_poultry | 779.462** | 112.608 | 231.910** | 205.473 |
| | [304.661] | [107.109] | [111.360] | [162.888] |
| TLU_large | 90.209 | 2.254 | 44.779 | 37.989 |
| | [78.874] | [43.404] | [40.581] | [51.456] |
| TLU_small | 50.497 | 16.570 | 36.276 | 95.469** |
| | [71.713] | [34.946] | [33.808] | [47.497] |
| Value farm equipment | 8,227.603 | 2,104.229 | 4,819.094 | 4,575.318 |
| | [8,433.983] | [3,792.958] | [3,728.812] | [5,462.318] |
| Dummy for 1998 | | | -116.828* | |
| | | | [70.750] | |
| Constant | 2,699.169*** | 2,375.403*** | 2,622.393*** | 2,405.569*** |
| | [416.379] | [348.993] | [271.233] | [343.620] |
| Observations | 181 | 181 | 362 | 181 |
| R² | 0.225 | 0.106 | 0.152 | 0.189 |
| Adjusted R² | 0.170 | 0.042 | 0.121 | 0.131 |
| F statistic | 4.075*** | 1.655* | 4.806*** | 3.255*** |

# COMP on caloric intake

*Table S.3: Regression results of COMP on caloric intake for crop-farming households in North mountains and midlands*

| | 1992/1993 | 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 58.330 | -49.669 | -7.660 | 76.007 |
| | [128.846] | [83.411] | [73.263] | [96.631] |
| Age | -1.619 | -3.011* | -1.958 | -2.240 |
| | [2.080] | [1.721] | [1.341] | [1.564] |
| Female head | -142.675** | 103.633** | -9.930 | -19.811 |
| | [61.878] | [51.439] | [40.399] | [45.773] |
| Household size | -76.170*** | -107.125*** | -88.219*** | -85.920*** |
| | [15.300] | [12.386] | [9.567] | [11.698] |
| Dependency ratio | -158.639 | -48.153 | -69.394 | -112.713 |
| | [127.250] | [92.904] | [76.963] | [99.706] |
| Education (1-9 grades) | 38.800 | -50.405 | -3.697 | -20.221 |
| | [83.552] | [70.349] | [54.611] | [65.439] |
| Education (>9 grades) | -17.536 | -44.842 | -29.940 | -32.556 |
| | [96.248] | [84.155] | [64.059] | [76.016] |
| Landholdings | 19,204.170* | -12,459.380** | -6,392.590 | -85.786 |
| | [11,042.470] | [5,230.212] | [4,926.466] | [6,734.868] |
| TLU_poultry | 207.295* | 417.665*** | 284.190*** | 363.628*** |
| | [108.799] | [109.993] | [77.446] | [109.600] |
| TLU_large | 43.000* | 62.738*** | 54.400*** | 36.108** |
| | [24.465] | [18.599] | [15.097] | [18.334] |
| TLU_small | 47.667 | 180.532*** | 153.192*** | 206.169*** |
| | [67.472] | [26.484] | [26.541] | [36.726] |
| Value farm equipment | 55,284.380* | 25,823.360** | 24,386.910** | 12,848.150 |
| | [28,701.150] | [12,773.420] | [12,206.320] | [16,742.490] |
| Dummy for 1998 | | | -58.490* | |
| | | | [33.057] | |
| Constant | 3,096.425*** | 2,985.922*** | 3,027.383*** | 2,974.306*** |
| | [161.762] | [158.800] | [112.982] | [134.519] |
| Observations | 606 | 606 | 1,212 | 606 |
| $R^2$ | 0.076 | 0.217 | 0.116 | 0.166 |
| Adjusted $R^2$ | 0.057 | 0.201 | 0.107 | 0.149 |
| F statistic | 4.070*** | 13.720*** | 12.136*** | 9.842*** |

*Table S.4: Regression results of COMP on caloric intake for crop-farming households in Red river delta*

| | 1992/1993 | 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| hhcomp | -33.554 | -193.981** | -119.024 | -104.115 |
| | [114.203] | [96.023] | [73.061] | [101.122] |
| Age | -5.070*** | -2.316 | -3.092*** | -3.547*** |
| | [1.459] | [1.652] | [1.071] | [1.259] |
| Female head | 100.329** | 233.002*** | 162.704*** | 162.266*** |
| | [48.962] | [52.283] | [35.803] | [42.391] |
| Household size | -113.272*** | -166.096*** | -139.999*** | -137.040*** |
| | [14.688] | [17.182] | [11.006] | [13.961] |
| Dependency ratio | -254.293*** | 11.650 | -94.377* | -144.710** |
| | [80.910] | [76.313] | [54.873] | [72.811] |
| Education (1-9 grades) | -30.636 | -20.283 | -6.896 | -56.668 |
| | [82.487] | [96.440] | [62.707] | [77.489] |
| Education (>9 grades) | 13.665 | 99.023 | 74.804 | 11.025 |
| | [92.194] | [105.972] | [69.481] | [85.422] |
| Landholdings | 68,553.520*** | 127,092.100*** | 96,185.230*** | 89,121.380*** |
| | [21,344.020] | [23,278.970] | [15,777.970] | [20,475.360] |
| TLU_poultry | 229.391* | 135.278* | 157.302** | 221.816** |
| | [129.423] | [82.096] | [68.068] | [95.994] |
| TLU_large | 113.997** | 55.997 | 79.710*** | 134.089*** |
| | [54.640] | [38.097] | [30.843] | [42.393] |
| TLU_small | 70.304 | 24.521 | 33.091* | 45.462* |
| | [44.254] | [21.411] | [18.867] | [27.468] |
| Value farm equipment | -23,657.960 | 66,636.210*** | 33,794.890* | 25,197.940 |
| | [29,237.150] | [24,290.730] | [18,526.800] | [24,954.260] |
| Dummy for 1998 | | | 34.074 | |
| | | | [28.530] | |
| Constant | 3,044.032*** | 2,810.546*** | 2,875.680*** | 2,959.736*** |
| | [160.138] | [196.597] | [123.004] | [154.098] |
| Observations | 738 | 738 | 1,476 | 738 |
| R$^2$ | 0.144 | 0.171 | 0.149 | 0.189 |
| Adjusted R$^2$ | 0.130 | 0.157 | 0.142 | 0.176 |
| F statistic | 10.205*** | 12.422*** | 19.749*** | 14.108*** |

*Table S.5: Regression results of COMP on caloric intake for crop-farming households in North central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -100.925 | 66.067 | 33.896 | 161.776 |
| | [138.000] | [99.792] | [81.686] | [109.016] |
| Age | -5.730*** | -2.780* | -4.034*** | -4.492*** |
| | [1.564] | [1.562] | [1.102] | [1.249] |
| Female head | -27.035 | -50.084 | -30.493 | -23.319 |
| | [58.670] | [54.523] | [40.073] | [45.575] |
| Household size | -63.683*** | -114.144*** | -86.363*** | -83.747*** |
| | [13.746] | [13.456] | [9.561] | [11.569] |
| Dependency ratio | -192.220** | -300.813*** | -240.120*** | -346.302*** |
| | [96.995] | [85.818] | [64.360] | [82.423] |
| Education (1-9 grades) | -113.055 | -183.839* | -113.676 | -111.656 |
| | [92.194] | [107.591] | [69.208] | [90.416] |
| Education (>9 grades) | -78.125 | -141.795 | -78.313 | -76.727 |
| | [102.306] | [114.280] | [75.381] | [96.352] |
| Landholdings | -8,949.960 | 35,732.030*** | 13,553.220 | 20,023.030* |
| | [12,503.340] | [12,435.770] | [8,804.999] | [10,745.230] |
| TLU_poultry | 445.775*** | 131.159 | 243.593*** | 313.415*** |
| | [138.189] | [99.591] | [81.949] | [111.908] |
| TLU_large | -21.473 | -4.437 | -12.530 | -34.422** |
| | [19.231] | [19.259] | [13.663] | [17.053] |
| TLU_small | 45.658 | 19.112 | 25.620 | 83.245** |
| | [45.894] | [29.131] | [24.940] | [35.991] |
| Value farm equipment | 115,297.500*** | -6,515.331 | 23,118.050 | 39,371.310* |
| | [36,690.590] | [17,880.180] | [16,327.200] | [22,125.100] |
| Dummy for 1998 | | | 131.428*** | |
| | | | [32.203] | |
| Constant | 3,036.466*** | 3,360.680*** | 3,073.720*** | 3,100.901*** |
| | [175.834] | [189.215] | [126.987] | [159.649] |
| Observations | 530 | 530 | 1,060 | 530 |
| $R^2$ | 0.115 | 0.172 | 0.137 | 0.185 |
| Adjusted $R^2$ | 0.095 | 0.153 | 0.126 | 0.166 |
| F statistic | 5.604*** | 8.945*** | 12.735*** | 9.764*** |

*Table S.6: Regression results of COMP on caloric intake for crop-farming households in South central coast*

| | 1992/1993 | 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 113.869 | 78.626 | 81.925 | 213.703 |
| | [189.747] | [136.092] | [114.437] | [148.836] |
| Age | -2.503 | -0.004 | -1.252 | -0.555 |
| | [2.979] | [2.215] | [1.843] | [2.114] |
| Female head | 23.709 | 15.048 | 17.330 | 18.569 |
| | [98.240] | [67.729] | [58.855] | [67.314] |
| Household size | -131.064*** | -117.904*** | -123.860*** | -116.360*** |
| | [20.667] | [16.032] | [12.988] | [15.487] |
| Dependency ratio | 133.392 | -68.619 | 31.804 | -4.688 |
| | [184.936] | [113.586] | [103.450] | [128.182] |
| Education (1-9 grades) | 129.939 | 31.851 | 98.626 | 125.213 |
| | [112.616] | [98.575] | [74.691] | [97.324] |
| Education (>9 grades) | 20.466 | 22.418 | 51.871 | 107.872 |
| | [168.783] | [122.574] | [101.428] | [123.371] |
| Landholdings | 31,384.710 | 20,334.150 | 26,809.640** | 22,496.420 |
| | [19,715.000] | [13,013.870] | [11,448.170] | [14,405.670] |
| TLU_poultry | 340.007** | 206.413 | 299.219*** | 380.164** |
| | [149.381] | [144.241] | [103.415] | [154.943] |
| TLU_large | 84.424** | 22.722 | 41.935** | 32.400 |
| | [39.200] | [18.648] | [18.769] | [23.527] |
| TLU_small | -35.162 | 13.651 | -0.340 | -12.540 |
| | [71.014] | [37.561] | [36.048] | [48.963] |
| Value farm equipment | 43,522.000 | 5,174.962 | 10,356.740 | 32,288.100 |
| | [41,626.670] | [12,829.570] | [14,240.460] | [21,525.310] |
| Dummy for 1998 | | | -155.393*** | |
| | | | [53.152] | |
| Constant | 2,945.559*** | 2,855.077*** | 2,964.123*** | 2,769.814*** |
| | [297.146] | [235.426] | [186.823] | [232.284] |
| Observations | 303 | 303 | 606 | 303 |
| $R^2$ | 0.170 | 0.186 | 0.167 | 0.215 |
| Adjusted $R^2$ | 0.135 | 0.153 | 0.149 | 0.183 |
| F statistic | 4.944*** | 5.529*** | 9.121*** | 6.637*** |

*Table S.7: Regression results of COMP on caloric intake for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -293.373 | -75.833 | -43.900 | -257.524 |
| | [405.206] | [248.622] | [236.948] | [307.041] |
| Age | 1.002 | 5.977 | 2.032 | 3.428 |
| | [7.738] | [4.671] | [4.650] | [6.440] |
| Female head | -145.224 | -264.174** | -164.291 | -78.871 |
| | [253.736] | [122.161] | [134.525] | [152.805] |
| Household size | -141.979*** | -54.476** | -90.191*** | -96.681*** |
| | [47.225] | [23.224] | [25.410] | [29.869] |
| Dependency ratio | 547.036 | -1,049.663*** | -377.025 | 204.644 |
| | [569.443] | [254.310] | [288.423] | [369.881] |
| Education (1-9 grades) | 163.661 | 159.312 | 171.779 | 101.855 |
| | [234.228] | [141.407] | [143.411] | [165.257] |
| Education (>9 grades) | 591.444* | 300.750 | 512.988** | 307.243 |
| | [348.027] | [199.196] | [205.537] | [241.762] |
| Landholdings | 56,896.050 | 10,116.210 | 33,438.670** | 37,582.200* |
| | [44,119.140] | [15,974.090] | [15,937.230] | [22,199.050] |
| TLU_poultry | 533.547 | -147.726 | 268.377 | 1,386.094 |
| | [1,927.404] | [626.154] | [811.475] | [1,206.530] |
| TLU_large | -75.142 | 212.238* | -41.046 | -109.835 |
| | [131.130] | [117.668] | [87.401] | [118.111] |
| TLU_small | 98.319 | -16.785 | 28.214 | 135.481 |
| | [151.189] | [59.871] | [72.108] | [95.713] |
| Value farm equipment | -4,359.047 | 2,611.823 | 5,579.811 | 21,562.300** |
| | [22,212.430] | [5,421.725] | [7,071.714] | [9,530.402] |
| Dummy for 1998 | | | -456.856*** | |
| | | | [109.209] | |
| Constant | 3,532.937*** | 3,207.838*** | 3,497.035*** | 2,933.030*** |
| | [707.406] | [437.513] | [423.054] | [491.063] |
| Observations | 74 | 74 | 148 | 74 |
| R² | 0.293 | 0.398 | 0.278 | 0.367 |
| Adjusted R² | 0.154 | 0.280 | 0.208 | 0.243 |
| F statistic | 2.107** | 3.364*** | 3.978*** | 2.953*** |

*Table S.8: Regression results of COMP on caloric intake for crop-farming households in South east*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -12.871 | 166.343 | 89.714 | 100.298 |
| | [165.917] | [137.928] | [108.300] | [140.104] |
| Age | -5.052 | -0.358 | -2.030 | -1.718 |
| | [4.709] | [3.539] | [2.873] | [3.519] |
| Female head | 250.490 | 146.366 | 177.425* | 197.718* |
| | [159.622] | [117.248] | [98.081] | [114.954] |
| Household size | -108.588*** | -51.249** | -81.898*** | -67.041*** |
| | [28.830] | [23.570] | [18.357] | [22.196] |
| Dependency ratio | -422.813 | -181.144 | -311.700* | -288.872 |
| | [272.290] | [204.833] | [165.117] | [232.901] |
| Education (1-9 grades) | 325.714** | 255.121* | 284.642*** | 326.766** |
| | [164.386] | [134.953] | [106.492] | [138.446] |
| Education (>9 grades) | 456.089* | 243.409 | 358.369** | 416.645** |
| | [246.271] | [196.383] | [156.138] | [196.658] |
| Landholdings | 15,608.640 | 8,725.161* | 10,454.650** | 8,187.401 |
| | [12,005.280] | [4,905.266] | [4,995.896] | [6,789.075] |
| TLU_poultry | 767.403** | 129.060 | 238.894** | 226.634 |
| | [308.843] | [107.908] | [112.632] | [165.366] |
| TLU_large | 83.875 | 0.922 | 42.195 | 38.509 |
| | [79.919] | [43.616] | [40.996] | [52.207] |
| TLU_small | 63.651 | 13.722 | 35.067 | 93.417* |
| | [72.485] | [35.063] | [34.209] | [48.305] |
| Value farm equipment | 9,953.137 | 2,687.028 | 5,708.779 | 5,962.380 |
| | [8,580.482] | [3,786.317] | [3,764.192] | [5,549.568] |
| Dummy for 1998 | | | -109.978 | |
| | | | [72.409] | |
| Constant | 2,776.232*** | 2,319.119*** | 2,631.879*** | 2,390.438*** |
| | [428.272] | [360.019] | [278.458] | [355.671] |
| Observations | 181 | 181 | 362 | 181 |
| $R^2$ | 0.204 | 0.097 | 0.134 | 0.165 |
| Adjusted $R^2$ | 0.147 | 0.032 | 0.102 | 0.105 |
| F statistic | 3.583*** | 1.498 | 4.156*** | 2.765*** |

*Table S.9: Regression results of COMP on caloric intake for crop-farming households in Mekong delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 147.510 | -110.171 | 37.731 | 115.120 |
| | [114.906] | [96.406] | [75.301] | [97.879] |
| Age | -0.843 | 0.410 | 0.022 | 1.900 |
| | [2.250] | [1.978] | [1.505] | [1.804] |
| Female head | 87.240 | 132.641** | 121.702** | 115.236* |
| | [82.089] | [66.298] | [52.824] | [60.527] |
| Household size | -100.387*** | -128.108*** | -112.452*** | -117.199*** |
| | [15.146] | [13.597] | [10.227] | [12.386] |
| Dependency ratio | 9.570 | -33.677 | 4.359 | 30.795 |
| | [150.156] | [113.696] | [93.157] | [120.726] |
| Education (1-9 grades) | 26.170 | -182.618** | -51.448 | -60.831 |
| | [89.225] | [85.839] | [62.167] | [75.476] |
| Education (>9 grades) | -230.231 | -112.581 | -127.514 | -135.434 |
| | [150.067] | [122.904] | [96.350] | [111.864] |
| Landholdings | 18,150.740*** | 10,415.520*** | 12,804.230*** | 19,445.240*** |
| | [4,202.590] | [2,969.323] | [2,455.821] | [3,244.431] |
| TLU_poultry | 298.429*** | 169.119 | 259.968*** | 277.764*** |
| | [95.964] | [115.283] | [72.494] | [106.113] |
| TLU_large | 125.055* | 6.089 | 91.811* | 55.717 |
| | [64.553] | [73.046] | [47.857] | [62.306] |
| TLU_small | -16.164 | -3.192 | -12.973 | -33.408 |
| | [38.322] | [39.289] | [27.383] | [38.373] |
| Value farm equipment | 6,273.117 | 5,871.463 | 5,713.120* | 5,834.358 |
| | [4,671.517] | [4,984.451] | [3,383.304] | [4,419.749] |
| Dummy for 1998 | | | -186.133*** | |
| | | | [42.808] | |
| Constant | 2,813.445*** | 3,068.163*** | 2,950.002*** | 2,714.458*** |
| | [235.977] | [214.502] | [159.655] | [196.065] |
| Observations | 511 | 511 | 1,022 | 511 |
| $R^2$ | 0.152 | 0.219 | 0.165 | 0.253 |
| Adjusted $R^2$ | 0.132 | 0.200 | 0.154 | 0.235 |
| F statistic | 7.446*** | 11.617*** | 15.297*** | 14.083*** |

# CIMP on caloric intake

*Table S.10: Regression results of CIMP on caloric intake for crop-farming households in North mountains and midlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 238.673** | -157.264* | 36.149 | 122.434 |
| | [108.300] | [95.399] | [72.907] | [99.382] |
| Age | -0.932 | -3.292* | -1.892 | -1.867 |
| | [2.089] | [1.719] | [1.348] | [1.572] |
| Female head | -145.673** | 98.895* | -10.215 | -18.275 |
| | [61.585] | [51.269] | [40.332] | [45.654] |
| Household size | -74.769*** | -108.205*** | -87.772*** | -85.899*** |
| | [15.183] | [12.364] | [9.546] | [11.610] |
| Dependency ratio | -176.630 | -36.788 | -72.253 | -118.590 |
| | [127.022] | [93.007] | [77.129] | [99.821] |
| Education (1-9 grades) | 69.226 | -61.018 | -1.625 | -2.146 |
| | [83.709] | [69.883] | [54.566] | [65.163] |
| Education (>9 grades) | 9.420 | -60.518 | -27.539 | -13.623 |
| | [95.846] | [84.142] | [64.096] | [75.987] |
| Landholdings | 17,673.720 | -11,481.220** | -6,814.369 | -235.470 |
| | [10,966.850] | [5,212.522] | [4,902.046] | [6,632.744] |
| TLU_poultry | 220.374** | 397.667*** | 284.636*** | 382.257*** |
| | [107.631] | [108.874] | [76.855] | [107.894] |
| TLU_large | 47.706* | 61.051*** | 55.342*** | 36.564** |
| | [24.417] | [18.529] | [15.100] | [18.255] |
| TLU_small | 44.255 | 178.906*** | 153.957*** | 205.704*** |
| | [67.009] | [26.412] | [26.488] | [36.632] |
| Value farm equipment | 52,715.370* | 25,236.140** | 24,627.910** | 11,417.660 |
| | [28,584.990] | [12,722.180] | [12,181.030] | [16,628.450] |
| Dummy for 1998 | | | -61.681* | |
| | | | [32.931] | |
| Constant | 2,997.195*** | 3,054.223*** | 3,010.955*** | 2,924.231*** |
| | [167.406] | [164.513] | [117.074] | [142.017] |
| Observations | 606 | 606 | 1,212 | 606 |
| R² | 0.083 | 0.220 | 0.117 | 0.167 |
| Adjusted R² | 0.065 | 0.205 | 0.107 | 0.150 |
| F statistic | 4.490*** | 13.971*** | 12.156*** | 9.931*** |

*Table S.11: Regression results of CIMP on caloric intake for crop-farming households in Red river delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -262.107** | -138.681 | -174.640*** | -307.493*** |
| | [101.514] | [90.378] | [67.030] | [95.127] |
| Age | -5.308*** | -2.317 | -3.158*** | -3.660*** |
| | [1.455] | [1.654] | [1.070] | [1.251] |
| Female head | 99.519** | 230.463*** | 162.894*** | 158.118*** |
| | [48.699] | [52.335] | [35.751] | [42.139] |
| Household size | -113.965*** | -162.468*** | -139.590*** | -138.667*** |
| | [14.484] | [16.993] | [10.878] | [13.656] |
| Dependency ratio | -241.771*** | 22.413 | -80.267 | -130.565* |
| | [80.664] | [77.052] | [55.156] | [72.492] |
| Education (1-9 grades) | -50.975 | -33.325 | -19.627 | -81.559 |
| | [82.464] | [96.706] | [62.735] | [77.342] |
| Education (>9 grades) | -6.195 | 79.578 | 59.406 | -20.182 |
| | [92.082] | [106.347] | [69.524] | [85.300] |
| Landholdings | 73,531.310*** | 117,203.900*** | 93,939.020*** | 88,589.020*** |
| | [21,247.080] | [22,744.650] | [15,557.800] | [19,998.000] |
| TLU_poultry | 209.757 | 146.262* | 153.929** | 207.988** |
| | [128.674] | [81.790] | [67.826] | [94.753] |
| TLU_large | 90.724* | 47.336 | 68.160** | 107.713** |
| | [54.994] | [38.225] | [30.931] | [42.564] |
| TLU_small | 61.885 | 24.631 | 30.083 | 37.569 |
| | [44.176] | [21.471] | [18.898] | [27.400] |
| Value farm equipment | -25,066.390 | 67,173.090*** | 33,153.920* | 23,936.950 |
| | [29,110.390] | [24,316.580] | [18,503.250] | [24,793.480] |
| Dummy for 1998 | | | 30.278 | |
| | | | [27.942] | |
| Constant | 3,158.901*** | 2,827.167*** | 2,930.426*** | 3,096.904*** |
| | [164.256] | [200.660] | [125.668] | [158.996] |
| Observations | 738 | 738 | 1,476 | 738 |
| $R^2$ | 0.152 | 0.169 | 0.152 | 0.200 |
| Adjusted $R^2$ | 0.138 | 0.155 | 0.144 | 0.186 |
| F statistic | 10.846*** | 12.250*** | 20.122*** | 15.072*** |

*Table S.12: Regression results of CIMP on caloric intake for crop-farming households in North central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 363.873*** | 42.098 | 198.750*** | 296.980*** |
| | [109.193] | [106.038] | [76.017] | [98.084] |
| Age | -4.594*** | -2.725* | -3.580*** | -3.816*** |
| | [1.578] | [1.578] | [1.112] | [1.265] |
| Female head | -24.731 | -52.437 | -32.268 | -25.189 |
| | [58.074] | [54.458] | [39.922] | [45.258] |
| Household size | -61.001*** | -114.314*** | -84.684*** | -81.638*** |
| | [13.612] | [13.493] | [9.541] | [11.520] |
| Dependency ratio | -190.702** | -299.288*** | -239.399*** | -331.609*** |
| | [95.814] | [85.829] | [64.143] | [82.001] |
| Education (1-9 grades) | -79.255 | -181.984* | -104.245 | -79.971 |
| | [91.750] | [107.598] | [68.907] | [89.638] |
| Education (>9 grades) | -30.632 | -138.623 | -62.981 | -34.527 |
| | [102.152] | [114.156] | [75.072] | [95.715] |
| Landholdings | -11,099.120 | 35,595.370*** | 11,847.870 | 15,516.370 |
| | [12,285.650] | [12,449.720] | [8,775.768] | [10,608.950] |
| TLU_poultry | 487.883*** | 131.340 | 251.589*** | 326.139*** |
| | [137.324] | [99.626] | [81.694] | [111.150] |
| TLU_large | -9.349 | -1.299 | -4.810 | -16.180 |
| | [19.378] | [19.402] | [13.803] | [17.393] |
| TLU_small | 60.255 | 18.244 | 28.550 | 86.607** |
| | [45.604] | [29.116] | [24.886] | [35.744] |
| Value farm equipment | 106,026.300*** | -6,438.633 | 22,683.560 | 37,939.090* |
| | [36,317.460] | [17,885.460] | [16,272.690] | [21,982.990] |
| Dummy for 1998 | | | 127.387*** | |
| | | | [31.230] | |
| Constant | 2,798.729*** | 3,364.528*** | 2,984.190*** | 2,971.457*** |
| | [182.824] | [191.781] | [130.535] | [166.017] |
| Observations | 530 | 530 | 1,060 | 530 |
| R² | 0.133 | 0.171 | 0.142 | 0.196 |
| Adjusted R² | 0.113 | 0.152 | 0.131 | 0.177 |
| F statistic | 6.598*** | 8.917*** | 13.328*** | 10.473*** |

*Table S.13: Regression results of CIMP on caloric intake for crop-farming households in South central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| Inp | -90.143 | 103.156 | -6.956 | 8.696 |
| | [146.266] | [96.098] | [84.348] | [116.725] |
| Age | -2.564 | 0.392 | -1.061 | 0.038 |
| | [2.989] | [2.171] | [1.829] | [2.089] |
| Female head | 21.256 | 14.852 | 16.164 | 16.721 |
| | [98.107] | [67.633] | [58.862] | [67.541] |
| Household size | -130.622*** | -119.535*** | -124.276*** | -116.812*** |
| | [20.656] | [15.868] | [12.981] | [15.551] |
| Dependency ratio | 126.791 | -74.379 | 31.903 | -7.701 |
| | [185.340] | [113.453] | [103.504] | [128.627] |
| Education (1-9 grades) | 126.988 | 52.527 | 101.965 | 136.759 |
| | [112.713] | [98.468] | [74.737] | [97.715] |
| Education (>9 grades) | 24.303 | 42.594 | 59.719 | 138.552 |
| | [168.192] | [121.893] | [100.978] | [122.213] |
| Landholdings | 33,781.610* | 20,848.090 | 28,037.670** | 25,380.690* |
| | [19,947.900] | [12,713.470] | [11,412.160] | [14,430.960] |
| TLU_poultry | 334.239** | 191.053 | 295.534*** | 375.985** |
| | [149.286] | [144.197] | [103.333] | [155.743] |
| TLU_large | 77.581* | 24.673 | 42.272** | 34.711 |
| | [41.254] | [18.671] | [19.026] | [24.260] |
| TLU_small | -44.256 | 14.762 | -7.068 | -32.739 |
| | [71.096] | [36.184] | [35.488] | [48.079] |
| Value farm equipment | 46,267.030 | 6,529.661 | 11,154.170 | 36,152.980* |
| | [41,623.240] | [12,739.750] | [14,202.850] | [21,460.330] |
| Dummy for 1998 | | | -145.023*** | |
| | | | [51.728] | |
| Constant | 3,022.438*** | 2,799.683*** | 2,976.786*** | 2,791.892*** |
| | [311.699] | [242.668] | [193.486] | [243.489] |
| Observations | 303 | 303 | 606 | 303 |
| R² | 0.170 | 0.188 | 0.166 | 0.210 |
| Adjusted R² | 0.136 | 0.155 | 0.148 | 0.177 |
| F statistic | 4.946*** | 5.613*** | 9.074*** | 6.420*** |

16

*Table S.14: Regression results of CIMP on caloric intake for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 327.813 | 199.155 | 277.885 | 73.654 |
| | [367.031] | [300.074] | [241.316] | [309.121] |
| Age | 0.079 | 4.926 | 1.260 | 1.351 |
| | [7.720] | [4.612] | [4.594] | [6.086] |
| Female head | -171.202 | -253.254** | -155.138 | -98.376 |
| | [246.287] | [121.886] | [133.348] | [151.852] |
| Household size | -146.805*** | -58.589** | -94.822*** | -101.455*** |
| | [46.943] | [22.768] | [25.171] | [30.426] |
| Dependency ratio | 418.919 | -1,024.771*** | -381.871 | 154.627 |
| | [560.815] | [250.792] | [286.815] | [369.107] |
| Education (1-9 grades) | 139.038 | 158.678 | 173.597 | 78.138 |
| | [230.448] | [139.652] | [141.016] | [164.347] |
| Education (>9 grades) | 723.158* | 296.856 | 556.871*** | 289.098 |
| | [363.928] | [196.572] | [208.166] | [248.679] |
| Landholdings | 56,992.980 | 12,129.190 | 33,841.320** | 42,402.860* |
| | [43,992.440] | [14,596.840] | [15,510.730] | [21,520.720] |
| TLU_poultry | 417.897 | -161.397 | 264.679 | 1,434.708 |
| | [1,915.497] | [623.036] | [806.143] | [1,218.282] |
| TLU_large | -13.761 | 243.896* | 6.128 | -92.229 |
| | [138.864] | [127.706] | [93.825] | [137.539] |
| TLU_small | 160.671 | 23.665 | 71.746 | 179.487* |
| | [148.988] | [77.330] | [77.402] | [98.830] |
| Value farm equipment | -9,840.590 | 1,701.573 | 3,878.049 | 18,428.010* |
| | [21,919.820] | [5,505.860] | [7,015.741] | [9,684.457] |
| Dummy for 1998 | | | -463.517*** | |
| | | | [106.091] | |
| Constant | 3,198.466*** | 3,001.556*** | 3,261.138*** | 2,840.695*** |
| | [759.499] | [475.754] | [456.223] | [534.962] |
| Observations | 74 | 74 | 148 | 74 |
| $R^2$ | 0.296 | 0.402 | 0.285 | 0.361 |
| Adjusted $R^2$ | 0.158 | 0.284 | 0.216 | 0.235 |
| F statistic | 2.139** | 3.412*** | 4.116*** | 2.869*** |

*Table S.15: Regression results of CIMP on caloric intake for crop-farming households in South east*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 6.916 | -103.535 | -48.009 | 14.721 |
| | [230.627] | [189.714] | [148.173] | [207.704] |
| Age | -5.049 | -0.736 | -2.113 | -1.557 |
| | [4.764] | [3.619] | [2.918] | [3.581] |
| Female head | 251.505 | 124.181 | 167.404* | 186.096 |
| | [159.056] | [116.799] | [97.416] | [113.977] |
| Household size | -108.448*** | -48.876** | -81.710*** | -66.953*** |
| | [28.783] | [23.637] | [18.378] | [22.242] |
| Dependency ratio | -426.079 | -168.116 | -297.779* | -269.398 |
| | [272.941] | [205.272] | [164.761] | [233.463] |
| Education (1-9 grades) | 325.552* | 247.622* | 284.181*** | 334.482** |
| | [165.164] | [138.235] | [107.664] | [141.828] |
| Education (>9 grades) | 454.998* | 261.457 | 368.461** | 443.913** |
| | [248.451] | [199.146] | [157.570] | [200.910] |
| Landholdings | 15,490.470 | 9,153.701* | 10,814.400** | 7,908.099 |
| | [12,302.870] | [4,962.528] | [5,064.065] | [6,995.594] |
| TLU_poultry | 767.988** | 121.811 | 234.874** | 220.062 |
| | [309.564] | [108.075] | [112.615] | [165.391] |
| TLU_large | 84.387 | -4.241 | 39.730 | 39.013 |
| | [81.350] | [44.732] | [41.799] | [54.287] |
| TLU_small | 64.458 | 1.095 | 29.309 | 92.052* |
| | [75.266] | [38.637] | [36.378] | [52.752] |
| Value farm equipment | 9,860.027 | 3,183.026 | 6,095.902 | 6,620.960 |
| | [8,526.137] | [3,790.667] | [3,749.001] | [5,483.406] |
| Dummy for 1998 | | | -98.349 | |
| | | | [71.309] | |
| Constant | 2,763.375*** | 2,547.008*** | 2,727.051*** | 2,426.720*** |
| | [476.552] | [419.157] | [316.398] | [411.732] |
| Observations | 181 | 181 | 362 | 181 |
| $R^2$ | 0.204 | 0.090 | 0.133 | 0.162 |
| Adjusted $R^2$ | 0.147 | 0.025 | 0.101 | 0.103 |
| F statistic | 3.583*** | 1.392 | 4.104*** | 2.715*** |

*Table S.16: Regression results of CIMP on caloric intake for crop-farming households in Mekong delta*

| | 1992/1993 | 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 328.964 | -1,494.915 | 283.139 | 553.767 |
| | [300.828] | [961.844] | [262.532] | [387.357] |
| Age | -0.723 | 0.771 | 0.065 | 2.017 |
| | [2.257] | [1.980] | [1.505] | [1.808] |
| Female head | 84.842 | 129.671* | 122.278** | 117.984* |
| | [82.063] | [66.262] | [52.793] | [60.548] |
| Household size | -103.219*** | -128.644*** | -113.414*** | -119.151*** |
| | [15.176] | [13.591] | [10.226] | [12.361] |
| Dependency ratio | 18.008 | -36.554 | 7.309 | 47.358 |
| | [150.305] | [113.602] | [93.164] | [121.322] |
| Education (1-9 grades) | 35.067 | -184.937** | -47.377 | -49.451 |
| | [89.564] | [85.770] | [62.259] | [75.780] |
| Education (>9 grades) | -198.907 | -129.275 | -114.813 | -102.552 |
| | [151.296] | [122.848] | [96.655] | [112.902] |
| Landholdings | 18,216.910*** | 10,329.810*** | 12,760.020*** | 19,548.020*** |
| | [4,205.021] | [2,958.356] | [2,449.339] | [3,226.801] |
| TLU_poultry | 292.352*** | 159.408 | 259.706*** | 277.838*** |
| | [95.853] | [115.522] | [72.342] | [106.002] |
| TLU_large | 132.959** | 24.222 | 96.586** | 59.009 |
| | [65.618] | [72.060] | [48.048] | [62.354] |
| TLU_small | -16.442 | -15.334 | -12.038 | -33.938 |
| | [38.337] | [40.170] | [27.388] | [38.332] |
| Value farm equipment | 6,639.147 | 5,535.036 | 5,870.413* | 6,356.314 |
| | [4,664.567] | [4,964.823] | [3,373.982] | [4,390.541] |
| Dummy for 1998 | | | -185.362*** | |
| | | | [41.034] | |
| Constant | 2,562.809*** | 4,481.102*** | 2,688.838*** | 2,216.692*** |
| | [380.815] | [984.162] | [303.938] | [442.331] |
| Observations | 511 | 511 | 1,022 | 511 |
| R² | 0.151 | 0.220 | 0.166 | 0.254 |
| Adjusted R² | 0.131 | 0.202 | 0.155 | 0.236 |
| F statistic | 7.401*** | 11.735*** | 15.381*** | 14.157*** |

## CCPS on FVS

*Table S.17: Regression results of CCPS on FVS for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CCPS | -3.164 | -1.358 | -2.587** | -0.363 |
| | [2.152] | [1.335] | [1.221] | [1.348] |
| Age | 0.102 | -0.018 | 0.050 | -0.007 |
| | [0.062] | [0.038] | [0.035] | [0.044] |
| Female head | 0.570 | 0.093 | 0.652 | 1.416 |
| | [1.987] | [0.998] | [1.031] | [1.080] |
| Household size | -0.128 | 0.409** | 0.195 | 0.227 |
| | [0.384] | [0.184] | [0.197] | [0.215] |
| Dependency ratio | 3.821 | -0.182 | 1.395 | 3.296 |
| | [4.543] | [2.071] | [2.224] | [2.616] |
| Education (1-9 grades) | 2.100 | 0.594 | 1.383 | 0.911 |
| | [1.870] | [1.140] | [1.097] | [1.156] |
| Education (>9 grades) | 1.468 | 1.363 | 1.669 | 1.296 |
| | [2.855] | [1.586] | [1.591] | [1.702] |
| Landholdings | 171.752 | -15.851 | 78.789 | 295.047* |
| | [369.460] | [131.919] | [131.056] | [173.207] |
| TLU_poultry | -14.919 | -3.087 | -6.146 | 16.335* |
| | [15.543] | [5.038] | [6.255] | [8.646] |
| TLU_large | -1.051 | 0.007 | -0.963 | -1.273 |
| | [1.064] | [0.947] | [0.676] | [0.847] |
| TLU_small | 2.316* | 2.036*** | 1.953*** | 1.790*** |
| | [1.179] | [0.469] | [0.542] | [0.637] |
| Value farm equipment | 16.247 | 44.812 | 67.510 | 70.270 |
| | [181.920] | [46.263] | [56.140] | [71.288] |
| Dummy for 1998 | | | 0.969 | |
| | | | [0.863] | |
| Constant | 4.917 | 9.978*** | 6.214* | 4.866 |
| | [5.696] | [3.460] | [3.245] | [3.517] |
| Observations | 74 | 74 | 148 | 74 |
| $R^2$ | 0.179 | 0.372 | 0.193 | 0.310 |
| Adjusted $R^2$ | 0.018 | 0.249 | 0.114 | 0.174 |
| F statistic | 1.110 | 3.013*** | 2.461*** | 2.285** |

*Table S.18: Regression results of CCPS on FVS for crop-farming households in South east*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CCPS | 0.560 | 5.434*** | 3.085*** | 3.054*** |
| | [1.048] | [0.994] | [0.730] | [0.857] |
| Age | 0.038 | 0.022 | 0.021 | 0.033 |
| | [0.027] | [0.027] | [0.019] | [0.022] |
| Female head | -1.823** | -0.018 | -0.820 | -0.498 |
| | [0.909] | [0.889] | [0.644] | [0.715] |
| Household size | -0.004 | 0.331* | 0.148 | 0.201 |
| | [0.165] | [0.179] | [0.121] | [0.139] |
| Dependency ratio | 0.749 | 0.502 | 0.115 | 1.018 |
| | [1.558] | [1.557] | [1.089] | [1.456] |
| Education (1-9 grades) | 0.992 | 0.095 | 0.510 | 1.875** |
| | [0.939] | [1.028] | [0.703] | [0.869] |
| Education (>9 grades) | 2.266 | 0.597 | 1.124 | 3.371*** |
| | [1.452] | [1.507] | [1.053] | [1.268] |
| Landholdings | -166.397** | 68.445* | -8.875 | 35.573 |
| | [70.314] | [39.888] | [34.458] | [45.536] |
| TLU_poultry | -1.789 | 0.885 | 0.458 | 0.157 |
| | [1.767] | [0.820] | [0.743] | [1.036] |
| TLU_large | 0.216 | -0.607* | -0.390 | -0.519 |
| | [0.457] | [0.332] | [0.271] | [0.327] |
| TLU_small | -0.104 | 0.541** | 0.283 | 0.268 |
| | [0.416] | [0.268] | [0.225] | [0.302] |
| Value farm equipment | 38.389 | -16.190 | 1.912 | -47.348 |
| | [48.911] | [29.038] | [24.868] | [34.748] |
| Dummy for 1998 | | | 3.452*** | |
| | | | [0.472] | |
| Constant | 10.597*** | 9.590*** | 8.973*** | 7.918*** |
| | [2.415] | [2.672] | [1.809] | [2.186] |
| Observations | 181 | 181 | 362 | 181 |
| R² | 0.095 | 0.228 | 0.228 | 0.208 |
| Adjusted R² | 0.030 | 0.173 | 0.200 | 0.152 |
| F statistic | 1.472 | 4.144*** | 7.924*** | 3.683*** |

## COMP on FVS

*Table S.19: Regression results of COMP on FVS for crop-farming households in North mountains and midlands*

|  | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -0.609 | 1.527** | 0.686 | 0.495 |
|  | [0.817] | [0.717] | [0.534] | [0.753] |
| Age | 0.020 | 0.029* | 0.026*** | 0.021* |
|  | [0.013] | [0.015] | [0.010] | [0.012] |
| Female head | 0.526 | 0.026 | 0.330 | 0.299 |
|  | [0.392] | [0.442] | [0.294] | [0.356] |
| Household size | 0.232** | 0.060 | 0.158** | 0.142 |
|  | [0.097] | [0.107] | [0.070] | [0.091] |
| Dependency ratio | -0.467 | 1.237 | 0.481 | 0.028 |
|  | [0.807] | [0.799] | [0.561] | [0.777] |
| Education (1-9 grades) | 1.769*** | 1.920*** | 1.851*** | 2.212*** |
|  | [0.530] | [0.605] | [0.398] | [0.510] |
| Education (>9 grades) | 2.807*** | 3.274*** | 3.019*** | 3.737*** |
|  | [0.610] | [0.724] | [0.467] | [0.592] |
| Landholdings | -9.486 | -87.124* | -74.379** | -126.075** |
|  | [70.037] | [44.984] | [35.907] | [52.451] |
| TLU_poultry | -0.233 | -0.966 | -0.476 | -0.591 |
|  | [0.690] | [0.946] | [0.564] | [0.854] |
| TLU_large | -0.695*** | -0.509*** | -0.585*** | -0.676*** |
|  | [0.155] | [0.160] | [0.110] | [0.143] |
| TLU_small | -0.031 | -0.150 | -0.158 | -0.417 |
|  | [0.428] | [0.228] | [0.193] | [0.286] |
| Value farm equipment | 541.949*** | 255.646** | 289.827*** | 406.273*** |
|  | [182.038] | [109.860] | [88.966] | [130.390] |
| Dummy for 1998 |  |  | 1.590*** |  |
|  |  |  | [0.241] |  |
| Constant | 4.573*** | 6.194*** | 4.391*** | 5.739*** |
|  | [1.026] | [1.366] | [0.823] | [1.048] |
| Observations | 606 | 606 | 1,212 | 606 |
| R² | 0.101 | 0.082 | 0.114 | 0.140 |
| Adjusted R² | 0.083 | 0.063 | 0.104 | 0.123 |
| F statistic | 5.562*** | 4.406*** | 11.804*** | 8.052*** |

*Table S.20: Regression results of COMP on FVS for crop-farming households in Red river delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -0.943 | -3.236*** | -2.385*** | -1.791** |
| | [0.940] | [0.856] | [0.628] | [0.842] |
| Age | -0.024** | -0.011 | -0.022** | -0.020* |
| | [0.012] | [0.015] | [0.009] | [0.010] |
| Female head | -0.368 | 0.521 | 0.005 | 0.166 |
| | [0.403] | [0.466] | [0.308] | [0.353] |
| Household size | 0.560*** | 0.849*** | 0.685*** | 0.845*** |
| | [0.121] | [0.153] | [0.095] | [0.116] |
| Dependency ratio | -0.372 | -1.165* | -0.966** | -0.432 |
| | [0.666] | [0.680] | [0.472] | [0.606] |
| Education (1-9 grades) | 0.056 | 0.927 | 0.320 | 0.468 |
| | [0.679] | [0.860] | [0.539] | [0.645] |
| Education (>9 grades) | 0.199 | 1.618* | 0.737 | 0.645 |
| | [0.759] | [0.945] | [0.597] | [0.711] |
| Landholdings | -759.157*** | -703.147*** | -726.985*** | -1,053.525*** |
| | [175.639] | [207.547] | [135.683] | [170.471] |
| TLU_poultry | -2.131** | -0.460 | -0.814 | -1.092 |
| | [1.065] | [0.732] | [0.585] | [0.799] |
| TLU_large | 0.165 | -0.091 | -0.067 | 0.294 |
| | [0.450] | [0.340] | [0.265] | [0.353] |
| TLU_small | 0.318 | -0.021 | 0.073 | 0.269 |
| | [0.364] | [0.191] | [0.162] | [0.229] |
| Value farm equipment | -52.785 | 810.147*** | 481.221*** | 411.416** |
| | [240.591] | [216.568] | [159.321] | [207.761] |
| Dummy for 1998 | | | 2.149*** | |
| | | | [0.245] | |
| Constant | 9.414*** | 8.147*** | 8.302*** | 8.549*** |
| | [1.318] | [1.753] | [1.058] | [1.283] |
| Observations | 738 | 738 | 1,476 | 738 |
| $R^2$ | 0.060 | 0.114 | 0.108 | 0.124 |
| Adjusted $R^2$ | 0.045 | 0.099 | 0.100 | 0.110 |
| F statistic | 3.861*** | 7.771*** | 13.621*** | 8.572*** |

*Table S.21: Regression results of COMP on FVS for crop-farming households in North central coast*

|  | 1992/1993 | 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | -0.872 | -1.356 | -1.161* | -2.288** |
|  | [1.018] | [0.957] | [0.687] | [0.964] |
| Age | 0.001 | -0.024 | -0.010 | -0.014 |
|  | [0.012] | [0.015] | [0.009] | [0.011] |
| Female head | -0.497 | 0.039 | -0.157 | 0.053 |
|  | [0.433] | [0.523] | [0.337] | [0.403] |
| Household size | 0.337*** | 0.128 | 0.250*** | 0.288*** |
|  | [0.101] | [0.129] | [0.080] | [0.102] |
| Dependency ratio | -1.186* | -2.190*** | -1.692*** | -1.643** |
|  | [0.716] | [0.823] | [0.541] | [0.729] |
| Education (1-9 grades) | 0.394 | 0.193 | 0.460 | 0.058 |
|  | [0.680] | [1.032] | [0.582] | [0.800] |
| Education (>9 grades) | 0.511 | 0.090 | 0.494 | 0.437 |
|  | [0.755] | [1.096] | [0.634] | [0.852] |
| Landholdings | -112.037 | 40.144 | -29.352 | -56.815 |
|  | [92.258] | [119.235] | [74.050] | [95.027] |
| TLU_poultry | -0.486 | -1.436 | -1.119 | -1.276 |
|  | [1.020] | [0.955] | [0.689] | [0.990] |
| TLU_large | -0.113 | -0.355* | -0.218* | -0.132 |
|  | [0.142] | [0.185] | [0.115] | [0.151] |
| TLU_small | 0.329 | 0.081 | 0.139 | 0.021 |
|  | [0.339] | [0.279] | [0.210] | [0.318] |
| Value farm equipment | 326.704 | 180.036 | 214.332 | 272.803 |
|  | [270.728] | [171.437] | [137.312] | [195.666] |
| Dummy for 1998 |  |  | 1.627*** |  |
|  |  |  | [0.271] |  |
| Constant | 8.670*** | 12.760*** | 9.495*** | 10.680*** |
|  | [1.297] | [1.814] | [1.068] | [1.412] |
| Observations | 530 | 530 | 1,060 | 530 |
| $R^2$ | 0.045 | 0.039 | 0.065 | 0.050 |
| Adjusted $R^2$ | 0.023 | 0.017 | 0.053 | 0.028 |
| F statistic | 2.052** | 1.771* | 5.555*** | 2.255*** |

*Table S.22: Regression results of COMP on FVS for crop-farming households in South central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 1.659 | -0.403 | 0.044 | -0.651 |
| | [1.181] | [1.016] | [0.774] | [1.041] |
| Age | 0.020 | 0.026 | 0.022* | 0.028* |
| | [0.019] | [0.017] | [0.012] | [0.015] |
| Female head | 1.023* | 0.178 | 0.556 | 0.824* |
| | [0.612] | [0.506] | [0.398] | [0.471] |
| Household size | 0.079 | 0.435*** | 0.246*** | 0.233** |
| | [0.129] | [0.120] | [0.088] | [0.108] |
| Dependency ratio | -0.269 | -1.030 | -0.804 | -1.255 |
| | [1.151] | [0.848] | [0.700] | [0.897] |
| Education (1-9 grades) | 2.801*** | 1.190 | 2.092*** | 3.011*** |
| | [0.701] | [0.736] | [0.505] | [0.681] |
| Education (>9 grades) | 2.747*** | 3.167*** | 3.274*** | 4.546*** |
| | [1.051] | [0.915] | [0.686] | [0.863] |
| Landholdings | 95.638 | -235.557** | -82.800 | -63.445 |
| | [122.744] | [97.169] | [77.420] | [100.762] |
| TLU_poultry | 0.589 | -1.027 | 0.093 | 0.102 |
| | [0.930] | [1.077] | [0.699] | [1.084] |
| TLU_large | -0.306 | -0.372*** | -0.368*** | -0.437*** |
| | [0.244] | [0.139] | [0.127] | [0.165] |
| TLU_small | 0.204 | 0.865*** | 0.683*** | 0.820** |
| | [0.442] | [0.280] | [0.244] | [0.342] |
| Value farm equipment | 443.077* | 184.716* | 228.481** | 239.121 |
| | [259.164] | [95.793] | [96.304] | [150.561] |
| Dummy for 1998 | | | 2.539*** | |
| | | | [0.359] | |
| Constant | 4.790** | 9.116*** | 5.737*** | 5.919*** |
| | [1.850] | [1.758] | [1.263] | [1.625] |
| Observations | 303 | 303 | 606 | 303 |
| $R^2$ | 0.088 | 0.194 | 0.190 | 0.176 |
| Adjusted $R^2$ | 0.050 | 0.160 | 0.172 | 0.142 |
| F statistic | 2.329*** | 5.805*** | 10.667*** | 5.151*** |

*Table S.23: Regression results of COMP on FVS for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 0.461 | -0.266 | 0.152 | 1.251 |
| | [3.328] | [2.019] | [1.857] | [2.187] |
| Age | 0.105 | -0.026 | 0.044 | -0.019 |
| | [0.064] | [0.038] | [0.036] | [0.046] |
| Female head | 0.356 | 0.273 | 0.741 | 1.340 |
| | [2.084] | [0.992] | [1.054] | [1.088] |
| Household size | -0.223 | 0.385** | 0.115 | 0.200 |
| | [0.388] | [0.189] | [0.199] | [0.213] |
| Dependency ratio | 2.942 | 0.237 | 1.594 | 3.117 |
| | [4.677] | [2.065] | [2.260] | [2.634] |
| Education (1-9 grades) | 2.279 | 0.800 | 1.595 | 0.793 |
| | [1.924] | [1.148] | [1.124] | [1.177] |
| Education (>9 grades) | 2.396 | 1.406 | 1.997 | 1.149 |
| | [2.858] | [1.618] | [1.611] | [1.722] |
| Landholdings | 322.163 | 37.501 | 191.952 | 341.077** |
| | [362.335] | [129.719] | [124.886] | [158.091] |
| TLU_poultry | -16.889 | -3.299 | -6.961 | 17.037* |
| | [15.829] | [5.085] | [6.359] | [8.592] |
| TLU_large | -0.727 | 0.066 | -0.671 | -1.245 |
| | [1.077] | [0.956] | [0.685] | [0.841] |
| TLU_small | 2.564** | 2.116*** | 2.137*** | 1.988*** |
| | [1.242] | [0.486] | [0.565] | [0.682] |
| Value farm equipment | -56.310 | 29.290 | 30.321 | 50.805 |
| | [182.423] | [44.027] | [55.415] | [67.871] |
| Dummy for 1998 | | | 0.397 | |
| | | | [0.856] | |
| Constant | 3.835 | 9.112** | 5.078 | 4.538 |
| | [5.810] | [3.553] | [3.315] | [3.497] |
| Observations | 74 | 74 | 148 | 74 |
| $R^2$ | 0.150 | 0.362 | 0.166 | 0.313 |
| Adjusted $R^2$ | -0.017 | 0.236 | 0.085 | 0.178 |
| F statistic | 0.900 | 2.881*** | 2.048** | 2.316** |

*Table S.24: Regression results of COMP on FVS for crop-farming households in South east*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 1.494 | 1.154 | 1.275* | 0.204 |
| | [0.943] | [1.137] | [0.730] | [0.911] |
| Age | 0.036 | 0.029 | 0.022 | 0.037 |
| | [0.027] | [0.029] | [0.019] | [0.023] |
| Female head | -1.691* | -0.320 | -0.866 | -0.648 |
| | [0.907] | [0.966] | [0.661] | [0.747] |
| Household size | 0.007 | 0.344* | 0.139 | 0.202 |
| | [0.164] | [0.194] | [0.124] | [0.144] |
| Dependency ratio | 0.578 | 0.837 | 0.328 | 1.502 |
| | [1.547] | [1.688] | [1.113] | [1.514] |
| Education (1-9 grades) | 0.927 | 0.317 | 0.591 | 2.064** |
| | [0.934] | [1.112] | [0.718] | [0.900] |
| Education (>9 grades) | 2.191 | 2.103 | 1.973* | 4.605*** |
| | [1.399] | [1.618] | [1.052] | [1.279] |
| Landholdings | -178.819*** | -8.478 | -52.646 | -21.893 |
| | [68.218] | [40.426] | [33.661] | [44.143] |
| TLU_poultry | -1.811 | 1.106 | 0.545 | 0.314 |
| | [1.755] | [0.889] | [0.759] | [1.075] |
| TLU_large | 0.213 | -0.641* | -0.416 | -0.518 |
| | [0.454] | [0.359] | [0.276] | [0.339] |
| TLU_small | -0.062 | 0.412 | 0.278 | 0.226 |
| | [0.412] | [0.289] | [0.230] | [0.314] |
| Value farm equipment | 31.324 | 3.920 | 9.332 | -28.646 |
| | [48.757] | [31.204] | [25.362] | [36.084] |
| Dummy for 1998 | | | 3.474*** | |
| | | | [0.488] | |
| Constant | 9.984*** | 9.970*** | 8.881*** | 8.169*** |
| | [2.434] | [2.967] | [1.876] | [2.313] |
| Observations | 181 | 181 | 362 | 181 |
| R² | 0.107 | 0.097 | 0.196 | 0.149 |
| Adjusted R² | 0.043 | 0.032 | 0.166 | 0.088 |
| F statistic | 1.676* | 1.499 | 6.522*** | 2.446*** |

*Table S.25: Regression results of COMP on FVS for crop-farming households in Mekong delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| COMP | 3.199*** | 0.333 | 1.778*** | 2.680*** |
| | [0.802] | [0.726] | [0.541] | [0.718] |
| Age | 0.003 | -0.007 | -0.002 | 0.003 |
| | [0.016] | [0.015] | [0.011] | [0.013] |
| Female head | 0.883 | -0.192 | 0.357 | 0.070 |
| | [0.573] | [0.499] | [0.379] | [0.444] |
| Household size | 0.189* | -0.031 | 0.085 | 0.075 |
| | [0.106] | [0.102] | [0.073] | [0.091] |
| Dependency ratio | -0.037 | -1.480* | -0.737 | -1.666* |
| | [1.048] | [0.856] | [0.669] | [0.886] |
| Education (1-9 grades) | 0.532 | 0.310 | 0.514 | 0.273 |
| | [0.623] | [0.646] | [0.446] | [0.554] |
| Education (>9 grades) | 1.266 | 0.890 | 1.102 | 1.084 |
| | [1.048] | [0.925] | [0.692] | [0.821] |
| Landholdings | 45.368 | 42.744* | 40.790** | 34.609 |
| | [29.343] | [22.352] | [17.634] | [23.814] |
| TLU_poultry | -0.742 | 0.970 | -0.213 | -1.431* |
| | [0.670] | [0.868] | [0.521] | [0.779] |
| TLU_large | 0.357 | -0.095 | 0.220 | 0.379 |
| | [0.451] | [0.550] | [0.344] | [0.457] |
| TLU_small | 0.021 | 0.235 | 0.128 | 0.298 |
| | [0.268] | [0.296] | [0.197] | [0.282] |
| Value farm equipment | 38.376 | -3.487 | 21.882 | 20.422 |
| | [32.617] | [37.521] | [24.294] | [32.441] |
| Dummy for 1998 | | | -1.444*** | |
| | | | [0.307] | |
| Constant | 6.396*** | 10.242*** | 8.796*** | 8.447*** |
| | [1.648] | [1.615] | [1.146] | [1.439] |
| Observations | 511 | 511 | 1,022 | 511 |
| $R^2$ | 0.058 | 0.027 | 0.040 | 0.063 |
| Adjusted $R^2$ | 0.036 | 0.004 | 0.028 | 0.041 |
| F statistic | 2.575*** | 1.163 | 3.222*** | 2.811*** |

## CIMP on FVS

*Table S.26: Regression results of CIMP on FVS for crop-farming households in North mountains and midlands*

|  | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -0.623 | -1.112 | -0.797 | -1.576** |
|  | [0.689] | [0.824] | [0.531] | [0.772] |
| Age | 0.018 | 0.029* | 0.025*** | 0.019 |
|  | [0.013] | [0.015] | [0.010] | [0.012] |
| Female head | 0.522 | 0.064 | 0.352 | 0.322 |
|  | [0.392] | [0.443] | [0.294] | [0.355] |
| Household size | 0.234** | 0.030 | 0.142** | 0.114 |
|  | [0.097] | [0.107] | [0.070] | [0.090] |
| Dependency ratio | -0.431 | 1.355* | 0.556 | 0.170 |
|  | [0.809] | [0.803] | [0.562] | [0.776] |
| Education (1-9 grades) | 1.661*** | 2.018*** | 1.847*** | 2.131*** |
|  | [0.533] | [0.604] | [0.398] | [0.506] |
| Education (>9 grades) | 2.700*** | 3.288*** | 3.005*** | 3.634*** |
|  | [0.610] | [0.727] | [0.467] | [0.590] |
| Landholdings | -10.039 | -57.838 | -59.203* | -99.347* |
|  | [69.815] | [45.023] | [35.723] | [51.533] |
| TLU_poultry | -0.313 | -0.758 | -0.415 | -0.541 |
|  | [0.685] | [0.940] | [0.560] | [0.838] |
| TLU_large | -0.700*** | -0.568*** | -0.617*** | -0.720*** |
|  | [0.155] | [0.160] | [0.110] | [0.142] |
| TLU_small | -0.004 | -0.206 | -0.189 | -0.449 |
|  | [0.427] | [0.228] | [0.193] | [0.285] |
| Value farm equipment | 552.453*** | 226.426** | 278.667*** | 396.632*** |
|  | [181.971] | [109.887] | [88.769] | [129.194] |
| Dummy for 1998 |  |  | 1.702*** |  |
|  |  |  | [0.240] |  |
| Constant | 4.771*** | 6.938*** | 4.805*** | 6.532*** |
|  | [1.066] | [1.421] | [0.853] | [1.103] |
| Observations | 606 | 606 | 1,212 | 606 |
| R$^2$ | 0.102 | 0.078 | 0.114 | 0.145 |
| Adjusted R$^2$ | 0.083 | 0.059 | 0.104 | 0.128 |
| F statistic | 5.586*** | 4.162*** | 11.856*** | 8.413*** |

*Table S.27: Regression results of CIMP on FVS for crop-farming households in Red river delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -4.191*** | 0.107 | -1.737*** | -1.485* |
| | [0.825] | [0.813] | [0.578] | [0.798] |
| Age | -0.028** | -0.011 | -0.023** | -0.021** |
| | [0.012] | [0.015] | [0.009] | [0.010] |
| Female head | -0.373 | 0.486 | 0.012 | 0.158 |
| | [0.396] | [0.471] | [0.308] | [0.353] |
| Household size | 0.557*** | 0.967*** | 0.719*** | 0.873*** |
| | [0.118] | [0.153] | [0.094] | [0.115] |
| Dependency ratio | -0.181 | -1.261* | -0.855* | -0.385 |
| | [0.656] | [0.693] | [0.476] | [0.608] |
| Education (1-9 grades) | -0.275 | 0.865 | 0.172 | 0.336 |
| | [0.670] | [0.870] | [0.541] | [0.649] |
| Education (>9 grades) | -0.122 | 1.510 | 0.554 | 0.462 |
| | [0.748] | [0.956] | [0.600] | [0.715] |
| Landholdings | -687.368*** | -874.891*** | -792.226*** | -1,105.999*** |
| | [172.708] | [204.527] | [134.223] | [167.692] |
| TLU_poultry | -2.406** | -0.098 | -0.725 | -0.979 |
| | [1.046] | [0.735] | [0.585] | [0.795] |
| TLU_large | -0.218 | -0.152 | -0.211 | 0.122 |
| | [0.447] | [0.344] | [0.267] | [0.357] |
| TLU_small | 0.185 | 0.034 | 0.059 | 0.254 |
| | [0.359] | [0.193] | [0.163] | [0.230] |
| Value farm equipment | -75.449 | 825.572*** | 477.412*** | 413.445** |
| | [236.626] | [218.662] | [159.635] | [207.904] |
| Dummy for 1998 | | | 2.012*** | |
| | | | [0.241] | |
| Constant | 11.157*** | 7.130*** | 8.588*** | 8.840*** |
| | [1.335] | [1.804] | [1.084] | [1.333] |
| Observations | 738 | 738 | 1,476 | 738 |
| $R^2$ | 0.091 | 0.097 | 0.105 | 0.123 |
| Adjusted $R^2$ | 0.076 | 0.082 | 0.097 | 0.108 |
| F statistic | 6.057*** | 6.455*** | 13.161*** | 8.471*** |

*Table S.28: Regression results of CIMP on FVS for crop-farming households in North central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -0.228 | 2.950*** | 1.250* | 2.663*** |
| | [0.814] | [1.010] | [0.641] | [0.870] |
| Age | 0.001 | -0.018 | -0.006 | -0.006 |
| | [0.012] | [0.015] | [0.009] | [0.011] |
| Female head | -0.493 | 0.057 | -0.143 | 0.076 |
| | [0.433] | [0.519] | [0.337] | [0.401] |
| Household size | 0.339*** | 0.185 | 0.271*** | 0.320*** |
| | [0.102] | [0.129] | [0.080] | [0.102] |
| Dependency ratio | -1.144 | -2.187*** | -1.664*** | -1.531** |
| | [0.715] | [0.818] | [0.541] | [0.727] |
| Education (1-9 grades) | 0.325 | -0.062 | 0.444 | 0.050 |
| | [0.684] | [1.025] | [0.581] | [0.795] |
| Education (>9 grades) | 0.416 | -0.161 | 0.491 | 0.494 |
| | [0.762] | [1.087] | [0.633] | [0.849] |
| Landholdings | -98.113 | 24.085 | -30.282 | -48.337 |
| | [91.631] | [118.594] | [74.006] | [94.113] |
| TLU_poultry | -0.567 | -1.508 | -1.111 | -1.272 |
| | [1.024] | [0.949] | [0.689] | [0.986] |
| TLU_large | -0.133 | -0.293 | -0.195* | -0.059 |
| | [0.145] | [0.185] | [0.116] | [0.154] |
| TLU_small | 0.298 | 0.091 | 0.158 | 0.018 |
| | [0.340] | [0.277] | [0.210] | [0.317] |
| Value farm equipment | 316.564 | 183.141 | 205.263 | 237.807 |
| | [270.869] | [170.374] | [137.227] | [195.013] |
| Dummy for 1998 | | | 1.468*** | |
| | | | [0.263] | |
| Constant | 8.602*** | 11.056*** | 8.603*** | 8.642*** |
| | [1.364] | [1.827] | [1.101] | [1.473] |
| Observations | 530 | 530 | 1,060 | 530 |
| R² | 0.044 | 0.051 | 0.065 | 0.056 |
| Adjusted R² | 0.022 | 0.029 | 0.054 | 0.035 |
| F statistic | 1.995** | 2.334*** | 5.633*** | 2.579*** |

*Table S.29: Regression results of CIMP on FVS for crop-farming households in South central coast*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -0.779 | 0.0003 | -0.322 | 0.370 |
| | [0.913] | [0.719] | [0.570] | [0.814] |
| Age | 0.021 | 0.024 | 0.022* | 0.027* |
| | [0.019] | [0.016] | [0.012] | [0.015] |
| Female head | 0.983 | 0.179 | 0.559 | 0.831* |
| | [0.612] | [0.506] | [0.398] | [0.471] |
| Household size | 0.085 | 0.441*** | 0.246*** | 0.233** |
| | [0.129] | [0.119] | [0.088] | [0.108] |
| Dependency ratio | -0.319 | -1.021 | -0.809 | -1.240 |
| | [1.156] | [0.849] | [0.699] | [0.897] |
| Education (1-9 grades) | 2.775*** | 1.154 | 2.073*** | 3.003*** |
| | [0.703] | [0.736] | [0.505] | [0.681] |
| Education (>9 grades) | 2.845*** | 3.121*** | 3.256*** | 4.477*** |
| | [1.049] | [0.912] | [0.682] | [0.852] |
| Landholdings | 119.083 | -244.163** | -77.458 | -78.800 |
| | [124.464] | [95.085] | [77.123] | [100.615] |
| TLU_poultry | 0.517 | -1.004 | 0.097 | 0.084 |
| | [0.931] | [1.078] | [0.698] | [1.086] |
| TLU_large | -0.358 | -0.374*** | -0.380*** | -0.425** |
| | [0.257] | [0.140] | [0.129] | [0.169] |
| TLU_small | 0.100 | 0.902*** | 0.657*** | 0.917*** |
| | [0.444] | [0.271] | [0.240] | [0.335] |
| Value farm equipment | 474.891* | 180.455* | 228.893** | 223.083 |
| | [259.706] | [95.282] | [95.983] | [149.624] |
| Dummy for 1998 | | | 2.568*** | |
| | | | [0.350] | |
| Constant | 5.552*** | 9.041*** | 5.938*** | 5.604*** |
| | [1.945] | [1.815] | [1.308] | [1.698] |
| Observations | 303 | 303 | 606 | 303 |
| R² | 0.084 | 0.193 | 0.190 | 0.175 |
| Adjusted R² | 0.046 | 0.160 | 0.172 | 0.141 |
| F statistic | 2.216** | 5.789*** | 10.697*** | 5.132*** |

*Table S.30: Regression results of CIMP on FVS for crop-farming households in Central highlands*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | 5.011* | -11.077*** | 0.118 | -1.417 |
| | [2.953] | [1.990] | [1.900] | [2.188] |
| Age | 0.098 | 0.011 | 0.045 | -0.007 |
| | [0.062] | [0.031] | [0.036] | [0.043] |
| Female head | 0.724 | -0.140 | 0.757 | 1.437 |
| | [1.981] | [0.808] | [1.050] | [1.075] |
| Household size | -0.242 | 0.513*** | 0.116 | 0.245 |
| | [0.378] | [0.151] | [0.198] | [0.215] |
| Dependency ratio | 2.295 | -0.392 | 1.600 | 3.451 |
| | [4.511] | [1.664] | [2.258] | [2.613] |
| Education (1-9 grades) | 2.381 | 0.448 | 1.612 | 0.817 |
| | [1.854] | [0.926] | [1.110] | [1.163] |
| Education (>9 grades) | 3.931 | 1.088 | 2.020 | 1.009 |
| | [2.928] | [1.304] | [1.639] | [1.760] |
| Landholdings | 293.104 | 40.875 | 189.715 | 319.476** |
| | [353.896] | [96.824] | [122.129] | [152.341] |
| TLU_poultry | -16.559 | -3.280 | -6.927 | 17.326** |
| | [15.409] | [4.133] | [6.347] | [8.624] |
| TLU_large | -0.052 | -1.820** | -0.662 | -1.568 |
| | [1.117] | [0.847] | [0.739] | [0.974] |
| TLU_small | 2.998** | 0.198 | 2.142*** | 1.618** |
| | [1.199] | [0.513] | [0.609] | [0.700] |
| Value farm equipment | -88.232 | 71.173* | 30.594 | 76.923 |
| | [176.333] | [36.521] | [55.241] | [68.554] |
| Dummy for 1998 | | | 0.412 | |
| | | | [0.835] | |
| Constant | -0.102 | 17.876*** | 5.034 | 5.713 |
| | [6.110] | [3.156] | [3.592] | [3.787] |
| Observations | 74 | 74 | 148 | 74 |
| $R^2$ | 0.188 | 0.577 | 0.166 | 0.314 |
| Adjusted $R^2$ | 0.029 | 0.493 | 0.085 | 0.179 |
| F statistic | 1.180 | 6.920*** | 2.048** | 2.327** |

*Table S.31: Regression results of CIMP on FVS for crop-farming households in South east*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -2.052 | -1.438 | -1.881* | -2.565* |
| | [1.311] | [1.559] | [0.997] | [1.334] |
| Age | 0.031 | 0.024 | 0.016 | 0.029 |
| | [0.027] | [0.030] | [0.020] | [0.023] |
| Female head | -1.750* | -0.499 | -1.009 | -0.669 |
| | [0.904] | [0.960] | [0.655] | [0.732] |
| Household size | -0.011 | 0.365* | 0.146 | 0.211 |
| | [0.164] | [0.194] | [0.124] | [0.143] |
| Dependency ratio | 1.144 | 0.877 | 0.578 | 1.941 |
| | [1.551] | [1.687] | [1.108] | [1.500] |
| Education (1-9 grades) | 0.846 | 0.156 | 0.453 | 1.694* |
| | [0.939] | [1.136] | [0.724] | [0.911] |
| Education (>9 grades) | 2.071 | 2.054 | 1.858* | 4.016*** |
| | [1.412] | [1.636] | [1.060] | [1.290] |
| Landholdings | -150.323** | -3.092 | -40.970 | -1.708 |
| | [69.920] | [40.780] | [34.067] | [44.933] |
| TLU_poultry | -1.993 | 1.075 | 0.492 | 0.331 |
| | [1.759] | [0.888] | [0.758] | [1.062] |
| TLU_large | 0.071 | -0.711* | -0.515* | -0.700** |
| | [0.462] | [0.368] | [0.281] | [0.349] |
| TLU_small | -0.267 | 0.263 | 0.096 | -0.045 |
| | [0.428] | [0.317] | [0.245] | [0.339] |
| Value farm equipment | 44.304 | 8.110 | 16.138 | -23.827 |
| | [48.456] | [31.150] | [25.220] | [35.220] |
| Dummy for 1998 | | | 3.658*** | |
| | | | [0.480] | |
| Constant | 12.687*** | 12.420*** | 11.519*** | 10.977*** |
| | [2.708] | [3.444] | [2.128] | [2.645] |
| Observations | 181 | 181 | 362 | 181 |
| R² | 0.107 | 0.096 | 0.197 | 0.167 |
| Adjusted R² | 0.043 | 0.031 | 0.167 | 0.107 |
| F statistic | 1.671* | 1.483 | 6.570*** | 2.803*** |

*Table S.32: Regression results of CIMP on FVS for crop-farming households in Mekong delta*

| | OLS 1992/1993 | OLS 1997/98 | Pooled | Difference-estimator |
|---|---|---|---|---|
| CIMP | -1.143 | -12.699* | -1.773 | -2.323 |
| | [2.132] | [7.228] | [1.895] | [2.883] |
| Age | 0.001 | -0.006 | -0.003 | -0.001 |
| | [0.016] | [0.015] | [0.011] | [0.013] |
| Female head | 0.753 | -0.225 | 0.312 | 0.013 |
| | [0.582] | [0.498] | [0.381] | [0.451] |
| Household size | 0.164 | -0.043 | 0.076 | 0.054 |
| | [0.108] | [0.102] | [0.074] | [0.092] |
| Dependency ratio | -0.001 | -1.555* | -0.780 | -1.787** |
| | [1.065] | [0.854] | [0.673] | [0.903] |
| Education (1-9 grades) | 0.523 | 0.270 | 0.483 | 0.249 |
| | [0.635] | [0.645] | [0.449] | [0.564] |
| Education (>9 grades) | 1.393 | 0.817 | 1.152* | 1.171 |
| | [1.072] | [0.923] | [0.698] | [0.840] |
| Landholdings | 57.476* | 45.291** | 46.819*** | 47.660** |
| | [29.802] | [22.230] | [17.682] | [24.014] |
| TLU_poultry | -0.899 | 0.770 | -0.333 | -1.604** |
| | [0.679] | [0.868] | [0.522] | [0.789] |
| TLU_large | 0.187 | -0.097 | 0.055 | 0.043 |
| | [0.465] | [0.541] | [0.347] | [0.464] |
| TLU_small | 0.004 | 0.117 | 0.106 | 0.259 |
| | [0.272] | [0.302] | [0.198] | [0.285] |
| Value farm equipment | 46.501 | -1.344 | 27.120 | 33.828 |
| | [33.059] | [37.308] | [24.357] | [32.674] |
| Dummy for 1998 | | | -1.092*** | |
| | | | [0.296] | |
| Constant | 9.376*** | 23.215*** | 11.590*** | 12.645*** |
| | [2.699] | [7.395] | [2.194] | [3.292] |
| Observations | 511 | 511 | 1,022 | 511 |
| $R^2$ | 0.029 | 0.033 | 0.030 | 0.039 |
| Adjusted $R^2$ | 0.006 | 0.010 | 0.018 | 0.015 |
| F statistic | 1.236 | 1.410 | 2.434*** | 1.662*] |