

Robustness check results

Table 5: Bare-borne regression with only risk and time preferences as regressors

| VARIABLES | (1) Basin_nd | (2) ripping_nd | (3) MT_nd | (4) MT_rot_nd | (5) MT_mulch_nd |
|----------------------|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 1.risk_averse | -0.024** (-2.494) | 0.012 (0.448) | -0.022 (-0.582) | -0.017 (-1.378) | -0.027 (-1.257) |
| 1.impatient | 0.031 (1.380) | -0.041 (-1.106) | -0.006 (-0.197) | -0.004 (-0.228) | 0.025 (0.864) |
| Observations | 1,324 | 1,324 | 1,324 | 1,324 | 1,324 |

z-statistics in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table 6: Exclude suspected endogenous variables

| VARIABLES | (1) Basin_nd | (2) ripping_nd | (3) MT_nd | (4) MT_rot_nd | (5) MT_mulch_nd |
|----------------------|------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|
| 1.risk_averse | -0.028*** (-2.597) | 0.010 (0.313) | -0.027 (-0.739) | -0.008 (-0.637) | -0.030 (-1.525) |
| 1.impatient | 0.031 (1.339) | -0.069* (-1.943) | -0.037 (-1.450) | -0.025 (-1.622) | -0.003 (-0.125) |
| age_hh | 0.013 (0.212) | 0.205* (1.892) | 0.199** (2.233) | 0.140** (2.455) | 0.225*** (2.658) |
| eduhh | 0.026 (1.637) | 0.172*** (5.297) | 0.156*** (4.527) | 0.090*** (3.618) | 0.048* (1.918) |
| 1.femalehh | 0.007 (0.389) | -0.044 (-1.230) | -0.050* (-1.910) | -0.006 (-0.299) | -0.016 (-0.838) |
| hysize | 0.018 (1.268) | 0.052 (1.264) | 0.050 (1.175) | 0.036* (1.789) | 0.061* (1.938) |
| farmsize | -0.102 (-0.830) | 0.145 (1.084) | 0.128 (0.924) | 0.005 (0.129) | 0.087 (0.824) |
| Observations | 1,173 | 1,178 | 1,324 | 1,324 | 1,324 |

z-statistics in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table 7: Exclude suspected endogenous variables plus all demographic variables

| VARIABLES | (1) Basin_nd | (2) ripping_nd | (3) MT_nd | (4) MT_rot_nd | (5) MT_mulch_nd |
|----------------------|------------------------------|----------------------------|---------------------------|---------------------------|----------------------------|
| 1.risk_averse | -0.029*** (-2.885) | -0.000 (-0.012) | -0.036 (-0.997) | -0.017 (-1.609) | -0.038* (-1.932) |
| 1.impatient | 0.031 (1.351) | -0.065* (-1.845) | -0.031 (-1.132) | -0.021 (-1.237) | 0.003 (0.119) |
| farmsize | -0.043 (-0.690) | 0.192 (1.131) | 0.176 (1.050) | 0.039 (0.918) | 0.142 (1.154) |
| Observations | 1,173 | 1,178 | 1,324 | 1,324 | 1,324 |

z-statistics in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Note:

Basin_nd – planting basins on non-demonstration/trial plots, ripping_nd – ripping on non-demonstration/trial plots, MT_nd – minimum tillage on non-demonstration/trial plots, MT_rot_nd – minimum tillage with rotation on non-demonstration/trial plots; and MT_mulch_nd – minimum tillage with mulching on non-demonstration/trial plots.