Table A1. Definition and descriptive statistics of covariates

<table>
<thead>
<tr>
<th>Variable</th>
<th>Definition</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indicator variables (0/1)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illness of dependents</td>
<td>Illness of at least one child (ages 0-17) or elderly (ages 65+) in household in previous 12 months</td>
<td>0.28</td>
<td>0.45</td>
</tr>
<tr>
<td>Large flood</td>
<td>Seriously affected by large flood in previous 12 months</td>
<td>0.65</td>
<td>0.48</td>
</tr>
<tr>
<td>Bad drought</td>
<td>Seriously affected by bad drought flood in previous 12 months</td>
<td>0.35</td>
<td>0.48</td>
</tr>
<tr>
<td>Riverbank erosion</td>
<td>Seriously affected by riverbank erosion in previous 12 months</td>
<td>0.21</td>
<td>0.41</td>
</tr>
<tr>
<td>Big theft</td>
<td>Seriously affected by big theft in previous 12 months</td>
<td>0.09</td>
<td>0.29</td>
</tr>
<tr>
<td>Strong winds</td>
<td>Seriously affected by strong winds in previous 12 months</td>
<td>0.47</td>
<td>0.50</td>
</tr>
<tr>
<td>Pest</td>
<td>Seriously affected by pest in previous 12 months</td>
<td>0.52</td>
<td>0.50</td>
</tr>
<tr>
<td>Emergency food assistance</td>
<td>Receipt of emergency food assistance in previous 12 months</td>
<td>0.08</td>
<td>0.27</td>
</tr>
<tr>
<td>Indigenous household</td>
<td>Indigenous household (self-report)</td>
<td>0.49</td>
<td>0.50</td>
</tr>
<tr>
<td>Female head of household</td>
<td>Female head of household</td>
<td>0.03</td>
<td>0.17</td>
</tr>
<tr>
<td>Household head born in community</td>
<td>Household head was born in the current community</td>
<td>0.44</td>
<td>0.50</td>
</tr>
<tr>
<td>Spouse born in community</td>
<td>Spouse was born in the current community</td>
<td>0.43</td>
<td>0.50</td>
</tr>
<tr>
<td><strong>Continuous variables</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. working-age males</td>
<td>Number of working-age males (ages 18-64) in household</td>
<td>2.06</td>
<td>1.49</td>
</tr>
<tr>
<td>No. working-age females</td>
<td>Number of working-age females (ages 18-64) in household</td>
<td>2.03</td>
<td>1.53</td>
</tr>
<tr>
<td>No. of dependents</td>
<td>Number of children (ages 0-17) or elderly (ages 65+) in household</td>
<td>3.12</td>
<td>1.95</td>
</tr>
<tr>
<td>Age of household head</td>
<td>Age of household head</td>
<td>45.05</td>
<td>14.01</td>
</tr>
<tr>
<td>Education of household head (0-13)</td>
<td>0: None, 1: Grade 1, 2: Grade 2, 3: Grade 3, 4: Grade 4, 5: Grade 5, 6: Grade 6, 7: Secondary 1, 8: Secondary 2, 9: Secondary 3, 10: Secondary 4, 11: Secondary 5, 12: Technical college, 13: University</td>
<td>6.36</td>
<td>3.12</td>
</tr>
<tr>
<td>Initial asset (z-score)</td>
<td>First factor of principal component analysis on eight measures at household formation: total land (ha), telephone, boat/outboard motor, motorcycle/motokar, generator, television, refrigerator, propane stove</td>
<td>0.006</td>
<td>1.00</td>
</tr>
<tr>
<td>N</td>
<td></td>
<td>3515</td>
<td></td>
</tr>
</tbody>
</table>
Table A2. Risk coping against illness – community fixed effects estimates

<table>
<thead>
<tr>
<th>Remittances</th>
<th>Wage labor</th>
<th>Wild resource use</th>
<th>Fishing</th>
<th>Hunting</th>
<th>Timber</th>
<th>NTFPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
</tr>
<tr>
<td>A. Receipt/participation (0/1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illness</td>
<td>0.0244*</td>
<td>0.00129</td>
<td>0.00899</td>
<td>0.0139</td>
<td>0.00914</td>
<td>-0.0223</td>
</tr>
<tr>
<td></td>
<td>(0.0145)</td>
<td>(0.0185)</td>
<td>(0.0107)</td>
<td>(0.0121)</td>
<td>(0.0155)</td>
<td>(0.0137)</td>
</tr>
<tr>
<td>R squared</td>
<td>0.133</td>
<td>0.079</td>
<td>0.059</td>
<td>0.074</td>
<td>0.055</td>
<td>0.040</td>
</tr>
<tr>
<td>Mean of dep. var.</td>
<td>0.146</td>
<td>0.451</td>
<td>0.891</td>
<td>0.857</td>
<td>0.283</td>
<td>0.168</td>
</tr>
<tr>
<td>B. Amount/income (log S/.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illness</td>
<td>0.144*</td>
<td>-0.0792</td>
<td>0.0301</td>
<td>0.0585</td>
<td>0.0592</td>
<td>-0.138</td>
</tr>
<tr>
<td></td>
<td>(0.0772)</td>
<td>(0.128)</td>
<td>(0.0928)</td>
<td>(0.104)</td>
<td>(0.0956)</td>
<td>(0.0897)</td>
</tr>
<tr>
<td>R squared</td>
<td>0.133</td>
<td>0.071</td>
<td>0.068</td>
<td>0.080</td>
<td>0.060</td>
<td>0.037</td>
</tr>
<tr>
<td>Mean of dep. var.</td>
<td>0.812</td>
<td>3.112</td>
<td>6.660</td>
<td>6.202</td>
<td>1.715</td>
<td>1.062</td>
</tr>
<tr>
<td>C. Receipt/participation (0/1) by gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male illness</td>
<td>0.0246</td>
<td>0.0192</td>
<td>0.0130</td>
<td>0.00138</td>
<td>-0.0141</td>
<td>-0.00730</td>
</tr>
<tr>
<td></td>
<td>(0.0158)</td>
<td>(0.0209)</td>
<td>(0.0130)</td>
<td>(0.0136)</td>
<td>(0.0180)</td>
<td>(0.0164)</td>
</tr>
<tr>
<td>Female illness</td>
<td>0.00175</td>
<td>-0.00519</td>
<td>0.00778</td>
<td>0.0199</td>
<td>0.0159</td>
<td>-0.00501</td>
</tr>
<tr>
<td></td>
<td>(0.0158)</td>
<td>(0.0209)</td>
<td>(0.0129)</td>
<td>(0.0139)</td>
<td>(0.0178)</td>
<td>(0.0155)</td>
</tr>
<tr>
<td>R squared</td>
<td>0.133</td>
<td>0.079</td>
<td>0.059</td>
<td>0.074</td>
<td>0.055</td>
<td>0.039</td>
</tr>
<tr>
<td>D. Amount/income (log S/.) by gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male illness</td>
<td>0.132</td>
<td>0.0995</td>
<td>0.000652</td>
<td>-0.0756</td>
<td>-0.0703</td>
<td>0.00424</td>
</tr>
<tr>
<td></td>
<td>(0.0895)</td>
<td>(0.147)</td>
<td>(0.107)</td>
<td>(0.117)</td>
<td>(0.110)</td>
<td>(0.104)</td>
</tr>
<tr>
<td>Female illness</td>
<td>0.0127</td>
<td>-0.0985</td>
<td>0.113</td>
<td>0.165</td>
<td>0.109</td>
<td>-0.0532</td>
</tr>
<tr>
<td></td>
<td>(0.0868)</td>
<td>(0.144)</td>
<td>(0.105)</td>
<td>(0.110)</td>
<td>(0.110)</td>
<td>(0.0982)</td>
</tr>
<tr>
<td>R squared</td>
<td>0.133</td>
<td>0.071</td>
<td>0.069</td>
<td>0.080</td>
<td>0.060</td>
<td>0.036</td>
</tr>
</tbody>
</table>

Note: N=3515. S/. 3.2 = US$. Covariates in Table A1 and interviewer fixed effects are controlled for. Robust standard errors clustered by community are shown in parentheses. *p<0.1, **p<0.05, ***p<0.01
### Table A3. Labor endowments – community fixed effects estimates

<table>
<thead>
<tr>
<th></th>
<th>Participation/receipt</th>
<th>Income/amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fishing (0/1)</td>
<td>Fishing (log S/.)</td>
</tr>
<tr>
<td></td>
<td>NTFPs (0/1)</td>
<td>NTFPs (log S/.)</td>
</tr>
<tr>
<td></td>
<td>Remittances (0/1)</td>
<td>Remittances (log S/.)</td>
</tr>
<tr>
<td>Male illness</td>
<td>-0.0170 (0.0155)</td>
<td>-0.235* (0.140)</td>
</tr>
<tr>
<td></td>
<td>-0.0122 (0.0259)</td>
<td>-0.00277 (0.130)</td>
</tr>
<tr>
<td></td>
<td>0.0384** (0.0182)</td>
<td>0.248** (0.0984)</td>
</tr>
<tr>
<td>Male illness</td>
<td>0.0146* (0.00762)</td>
<td>0.128** (0.0614)</td>
</tr>
<tr>
<td>× (No. working-age males in household - 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male illness with more than one male adult in household</td>
<td>0.0114 (0.0339)</td>
<td>0.0754 (0.170)</td>
</tr>
<tr>
<td></td>
<td>-0.0251 (0.0301)</td>
<td>-0.210 (0.170)</td>
</tr>
<tr>
<td>Female illness</td>
<td>0.0264 (0.0163)</td>
<td>0.154 (0.133)</td>
</tr>
<tr>
<td></td>
<td>0.0414* (0.0239)</td>
<td>0.200* (0.111)</td>
</tr>
<tr>
<td></td>
<td>-0.00327 (0.0192)</td>
<td>-0.0344 (0.0969)</td>
</tr>
<tr>
<td>Female illness</td>
<td>-0.00529 (0.00895)</td>
<td>0.0108 (0.0742)</td>
</tr>
<tr>
<td>× (No. working-age males in household - 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female illness with more than one male adult in household</td>
<td>-0.0301 (0.0318)</td>
<td>-0.145 (0.160)</td>
</tr>
<tr>
<td></td>
<td>0.00868 (0.0295)</td>
<td>0.0819 (0.165)</td>
</tr>
<tr>
<td>Marginal effects (p-value)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male illness with 2 male adults</td>
<td>0.858</td>
<td>0.364</td>
</tr>
<tr>
<td>Female illness with 2 male adults</td>
<td>0.127</td>
<td>0.130</td>
</tr>
<tr>
<td>Male illness with more than one male adult</td>
<td>0.972</td>
<td>0.582</td>
</tr>
<tr>
<td>Female illness with more than one male adult</td>
<td>0.634</td>
<td>0.817</td>
</tr>
<tr>
<td>Mean of dependent variables</td>
<td>0.857</td>
<td>0.344</td>
</tr>
</tbody>
</table>

Note: N = 3515. S/. 3.2 = US$1. Covariates in Table A1 and interviewer fixed effects are controlled for. Robust standard errors clustered by community are shown in parentheses. *p<0.1, **p<0.05, ***p<0.01