Factors Related to successful smallholders

- Relationship Between Income & Other Factors
- Policy issues

Data Issues (Witnesses)

- One Witness or 8000 Witnesses?
- Post Harvest Survey-Sample of 8000 households
- Supplemental Survey to the PHS
Factors Related to successful smallholders Continued

• **Education**
  • Higher education is associated with higher incomes
  • The association is higher among male members
  • Grade 12 is associated with 95% more income

Factors Related to successful smallholders Continued

• **Market Access**
  • Roads
  • Towns
• **Household Assets**
• **Land Access**
Relationship Between Land & Income

<table>
<thead>
<tr>
<th>Country</th>
<th>1st quartile</th>
<th>2nd quartile</th>
<th>3rd quartile</th>
<th>4th quartile</th>
<th>mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHIOPIA</td>
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<tr>
<td>KENYA</td>
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<td>RWANDA</td>
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<tr>
<td>ZAMBIA</td>
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</tbody>
</table>

Landholding Size Per Household in Zambia, 1999/2000

<table>
<thead>
<tr>
<th>Quartile of Landholding Size Per Household</th>
<th>1st quartile</th>
<th>2nd quartile</th>
<th>3rd quartile</th>
<th>4th quartile</th>
<th>mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st quartile bottom 25%</td>
<td>0.61</td>
<td>1.44</td>
<td>2.79</td>
<td>8.85</td>
<td>3.05</td>
</tr>
</tbody>
</table>
Perceptions on Available Arable Land 1990/2000
Supplemental Survey

Policy Questions

- Associations not cause and effect relationships
- Tenure improvement schemes, land distribution schemes, ?
- Are farm blocks the answer?
- Education & Infrastructure developments?
- Gokwe Example in Zimbabwe