Fertility and Income in Industrial Societies

- United States
- Finland
- Denmark
- France
- England

Income:
- Very Low
- Low
- Medium
- High
- Very High

Fertility:
- Very Low
- Low
- Medium
- High
- Very High
Reproductive and Cultural Success

- **Yanomamo**
  - Rank of lineage
  - Headmanship
  - Unokai status

- **Ache**
  - Hunting ability

- **Yomuts**
  - Wealth

- **Ifaluk**
  - Wealth
  - Political status

- **Kipsigis**
  - Land holdings
  - Wealth (livestock)

- **Bakkaral**
  - Status
  - Wealth

- **19 Century Sweden**
  - Occupational status
  - Land holdings
RS and CS continued

- 19th Century Mormon
  - Religious rank
  - Wealth
- Trinidadians
  - Land holdings
- 15th Century Portuguese Nobility
  - Status
- 18th Century German
  - Status
- 17th Century England
  - Occupational status
- 1860 Mormon
  - Status
- Historic Thailand
  - Wealth
Comparison of Reproductive Performances of Elite and Non-Elite German Men in Krummhorn, German (1812)

<table>
<thead>
<tr>
<th>Average</th>
<th>Elite (n=60)</th>
<th>Non-elite (n=954)</th>
<th>p&lt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Children</td>
<td>6.580</td>
<td>4.590</td>
<td>0.001</td>
</tr>
<tr>
<td>Still birth rate</td>
<td>0.015</td>
<td>0.037</td>
<td>0.050</td>
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<tr>
<td>Number of live borns</td>
<td>6.480</td>
<td>4.420</td>
<td>0.001</td>
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<tr>
<td>Infant Mortality</td>
<td>0.195</td>
<td>0.134</td>
<td>0.002</td>
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<tr>
<td>Number of 1 year olds</td>
<td>5.220</td>
<td>3.830</td>
<td>0.001</td>
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<tr>
<td>Child mortality</td>
<td>0.201</td>
<td>0.185</td>
<td>ns</td>
</tr>
<tr>
<td>Number of 15-year-olds</td>
<td>4.170</td>
<td>3.120</td>
<td>0.001</td>
</tr>
<tr>
<td>Celibates</td>
<td>0.112</td>
<td>0.120</td>
<td>ns</td>
</tr>
<tr>
<td>Emigrants</td>
<td>0.156</td>
<td>0.272</td>
<td>0.001</td>
</tr>
<tr>
<td>Number of married children</td>
<td>3.050</td>
<td>1.900</td>
<td>0.001</td>
</tr>
<tr>
<td>Probability of Lineage Extinction (measured by failure to raise at least one child to age 15)</td>
<td>0.033</td>
<td>0.124</td>
<td>0.050</td>
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Do good hunters have greater RS?

<table>
<thead>
<tr>
<th>Society</th>
<th>Hunting success correlates:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Fertility</td>
</tr>
<tr>
<td>Ache</td>
<td>Yes</td>
</tr>
<tr>
<td>Hadza</td>
<td>Yes</td>
</tr>
<tr>
<td>!Kung</td>
<td>Yes</td>
</tr>
<tr>
<td>Meriam</td>
<td>Yes</td>
</tr>
</tbody>
</table>

“Why do good hunters have higher reproductive success?”
Eric Alden Smith
Hunting and RS among Meriam

Why do good hunters have higher reproductive success?”
Eric Alden Smith (ms 2003)