Vulnerability Assessment Framework
Basic Overview
November 2014
What is the VAF?
The VAF defines vulnerability as:

“the risk of exposure of Syrian refugee households to harm, primarily in relation to protection threats, inability to meet basic needs, limited access basic services, and food insecurity, and the ability of the population to cope with the consequences of this harm”
There are many aspects of the VAF

- It's a tool for targeting
- It's a tool for analysis
- It's a tool for coordination
- It's going to be great for information sharing
- It's going to incorporate the Welfare model
- It's going to incorporate sector-specific indices
Provision of services will go to those who need it most
VAF components
Targeting model so far
Methods being investigated

1. Statistical regression
2. Rules based sector indicators
3. A combination of both
What have we done

Statistical regression:
- 700, 5000, 9000 records analysed
- Some of the characteristics that contribute to predicting expenditure
  - house crowding, the debt-to-expenditure ratio, family size, coping strategies to meet basic food needs, the saving ratio, and income per capita.
- R-squared of 60%

Sector indicators:
- All sectors modelled (Draft)
- Thresholds review with sector leads
### Mock-up data

<table>
<thead>
<tr>
<th>Vulnerability as expenditure</th>
<th>Reported</th>
<th>Predicted</th>
</tr>
</thead>
<tbody>
<tr>
<td>01. Low (150JD+)</td>
<td>14.11%</td>
<td>15.32%</td>
</tr>
<tr>
<td>02. Moderate (70 - 150JD)</td>
<td>20.42%</td>
<td>19.22%</td>
</tr>
<tr>
<td>03. Highly (40 - 70JD)</td>
<td>25.08%</td>
<td>34.98%</td>
</tr>
<tr>
<td>04. Extremely (&lt;40JD)</td>
<td>40.39%</td>
<td>30.48%</td>
</tr>
</tbody>
</table>

**Source data:** ProGres & VAF home visit (Interim 666 records sample)
Mock-up data

Source data: ProGres & VAF home visit (Interim 5,000 records sample)
Mock-up data

Source data: ProGres & VAF home visit (Interim 5,000 records sample)
Mock-up data

Level of Vulnerability - Syrian Refugees (Mafraq Governorate)

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

Source data: ProGres & VAF home visit (Interim 5,000 records sample)
## Combined indicators

**Example of a potential HH scorecard:**

<table>
<thead>
<tr>
<th>Welfare</th>
<th>HH avg.</th>
<th>Vs. HH</th>
<th>Last visit</th>
<th>Vs. Last</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welfare</td>
<td>2.5</td>
<td></td>
<td>1.75</td>
<td></td>
</tr>
<tr>
<td>Economic</td>
<td>3</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Food</td>
<td>4</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td>4</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>NFI</td>
<td>2</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Protection</td>
<td>2</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Shelter</td>
<td>1</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>WASH</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
What could it look like
Questions