## APPENDIX A

1) Factor matrix of household resilience, MRD, Vietnam, 2010[a] (five non-standardized items)

| Survey items | Factor loadings | | | Communality |
|---|---|---|---|---|
| | Factor 1 | Factor 2 | Factor 3 | |
| I am confident that my house will not be submerged by the highest floods in the last 20 years. | 0.94 | | | 0.907 |
| I am confident that my house will not collapse or be swept away by the highest floods in the last 20 years. | 0.93 | | | 0.901 |
| I am confident that my household has enough rice to eat during the flood season. | | 0.869 | | 0.804 |
| I am confident that my household will not need to borrow rice or money from informal sources during the flood season. | | 0.902 | | 0.828 |
| I want to learn new farming practices to cope with floods, such as fish and prawn farming. | | | 0.999 | 0.999 |
| Eigenvalues | 2.33 | 1.10 | 1.00 | 4.43 |
| % of variance | 46.75 | 22.00 | 20.02 | 88.77 |

(1) Strongly disagree; (2) Disagree; (3) Neither agree or disagree; (4) Agree; (5) Strongly agree.
Selected factor having Eigenvalue greater than 1.
Select variables with factor greater than 0.3.
Total variance is 88.77.

2) Factor analysis in MPLUS software. MPLUS allows conducting a factor analysis using binary variables.

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

| | |
|---|---|
| Value | 48.818* |
| Degrees of Freedom | 12 |
| P-Value | 0.0000 |

VARIMAX ROTATED LOADINGS

| | 1 | 2 | 3 |
|---|---|---|---|
| Q4201 | **0.648** | 0.268 | 0.180 |
| Q4202 | 0.236 | **1.129** | -0.022 |
| Q4203 | 0.346 | **0.702** | -0.019 |
| Q4204 | **0.952** | 0.157 | -0.028 |
| Q4205 | **0.871** | 0.160 | -0.084 |
| Q4206 | **0.356** | 0.122 | 0.183 |
| Q4208 | **0.500** | 0.193 | 0.180 |
| Q4209 | 0.093 | 0.012 | **0.839** |
| Q420100A | 0.083 | -0.040 | **0.789** |