Appendix I – Poverty Index: Principal Component Analyses

Method: principal component analyses

Number of observation: 2,142

Rotation: unrotated

Retained factors: 1

Table A1. Basic parameters of the principal components analyses – Poverty Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Factor | Eigenvalue | Difference | Proportion | Cumulative |
| Factor1 | 1.6939  | 1.3878  | 0.8470  | 0.8470  |
| Factor2 | 0.3061  | . | 0.1530  | 1.0000  |

Table A2. Factor loadings and scores of the principal components analyses – Poverty Index

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Factor1 (factor loadings)\*1 | Uniqueness  | Scoring coefficients\*2  |
| Percentage of the household living below the poverty line | 0.9203 | 0.1530  | 0.5433 |
| Percentage unemployed | 0.9203 | 0.1530  | 0.5433 |

\*1 Factor loadings refer to the correlation coefficients between the variables and factors. A higher factor loading indicates a stronger relationship with a factor.

\*2 Method: the regression-weighted method