# Appendix

### A1: Welfare Model (full): PG + HV-III variables

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| **Welfare Model (full): PG & HV variables** | | | |
| **Variables** | | **Coefficient** | **t-value** |
| Case Size  (Ref. case size = 1) | 2 | -0.34 | -27.76 |
| 3 | -0.40 | -28.10 |
| 4 | -0.55 | -36.14 |
| 5 | -0.64 | -40.29 |
| 6 | -0.71 | -41.84 |
| 7 | -0.79 | -43.17 |
| >= 8 | -0.85 | -43.37 |
| Proportion of Children (Ref. 0%) | 0 - 50% | -0.07 | -4.98 |
| 50 - 75% | -0.12 | -9.24 |
| > 75% | -0.11 | -6.66 |
| Highest Education of PA  (Ref. Less than 6 years) | 6 - 8 years | 0.02 | 2.57 |
| 9 - 11 years | 0.02 | 2.62 |
| 12 - 14 years | 0.04 | 3.74 |
| At least university | 0.11 | 7.51 |
| Type of House Occupancy  (Ref. Rent) | Provided through humanitarian assistance | -0.67 | -40.88 |
| Hosted (for free) | -0.57 | -12.91 |
| Provided in return for work | -0.62 | -19.80 |
| Squatter/Illegal occupation | -0.53 | -20.38 |
| Marital Status of PA  (Ref. Widow) | Single | -0.10 | -6.74 |
| Married or Engaged | 0.05 | 4.38 |
| Divorced or Separated | 0.02 | 1.06 |
| Age of PA  (Ref. 60 years old or older) | 0 - 17 years old | -0.14 | -3.49 |
| 18 - 59 years old | 0.07 | 6.48 |
| MOI Registration  (Ref. Amman) | Ajloun | -0.14 | -5.03 |
| Aqabah | -0.10 | -2.47 |
| Balqa | -0.10 | -5.11 |
| Irbid | -0.09 | -11.39 |
| Jarash | -0.11 | -6.15 |
| Karak | -0.18 | -8.53 |
| Maan | -0.07 | -2.94 |
| Madaba | -0.06 | -2.25 |
| Mafraq | 0.01 | 1.20 |
| Tafilah | -0.04 | -0.81 |
| Zarqa | -0.18 | -18.17 |
| Border Crossing Point (Ref. Airport) | Ruwaished - Hadallat | -0.05 | -3.14 |
| Tal Shibab | -0.07 | -4.85 |
| Nassib official or unofficial | -0.06 | -5.90 |
| Other or no other data | -0.07 | -5.68 |
| Enumerator's Judgment: Not Vulnerable | | 0.17 | 11.70 |
| Household Size | | -0.05 | -41.01 |
| Household Size Squared | | 0.0009 | 26.96 |
| Working Family Member Present | | 0.13 | 19.70 |
| Illegal Arrival | | -0.06 | -7.34 |
| WASH: Wastewater Sewage Facility | | 0.03 | 4.06 |
| WASH: Wastewater Regularly Removed | | 0.04 | 6.15 |
| Food: Meat Consumed Through WFP Assistance | | -0.02 | -2.91 |
| Food: Dairy Consumed Through WFP Assistance | | -0.04 | -4.94 |
| Food: Spices and Condiments Bought With Cash | | 0.05 | 4.36 |
| Education: Number of Children Attending School | | 0.03 | 3.18 |
| Education: Public School | | -0.02 | -2.64 |
| Vaccination Measles Children Under 5: Not Applicable | | 0.03 | 3.07 |
| Multiple Entries into Jordan | | 0.10 | 7.64 |
| Gender of PA: Male | | 0.13 | 17.96 |
| Access to Kitchen Facilities | | 0.09 | 5.10 |
| Religion Sunni | | -0.13 | -3.01 |
| Birthplace Syria | | -0.07 | -3.09 |
| House Crowding | | -0.05 | -19.90 |
| Constant | | 4.86 | 86.96 |
| Number of Observations | | 22593 |  |
| F-statistic | | 518.7 |  |
| Adjusted R-squared | | 0.56 |  |

### A2: Welfare Model (reduced): PG + HV-III variables

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| **Welfare Model (reduced): PG & HV most important variables** | | | |
| **Variables** | | **Coefficient** | **t-value** |
| Case Size  (Ref. case size = 1) | 2 | -0.35 | -28.90 |
| 3 | -0.41 | -28.92 |
| 4 | -0.55 | -36.81 |
| 5 | -0.64 | -41.61 |
| 6 | -0.71 | -44.11 |
| 7 | -0.79 | -46.88 |
| >= 8 | -0.84 | -47.78 |
| Proportion of Children (Ref. 0%) | 0 – 50 % | -0.05 | -3.83 |
| 50 – 75 % | -0.11 | -10.09 |
| > 75 % | -0.10 | -7.03 |
| Marital Status  (Ref. widow) | Single | -0.05 | -3.61 |
| Married or Engaged | 0.07 | 6.28 |
| Divorced or Separated | 0.05 | 2.79 |
| MOI Registration  (Ref. Amman) | Ajloun | -0.18 | -6.55 |
| Aqabah | -0.13 | -3.36 |
| Balqa | -0.12 | -6.28 |
| Irbid | -0.22 | -10.99 |
| Jarash | -0.12 | -15.94 |
| Karak | -0.13 | -7.26 |
| Maan | -0.10 | -4.05 |
| Madaba | -0.06 | -2.47 |
| Mafraq | -0.03 | -2.98 |
| Tafilah | -0.06 | -1.32 |
| Zarqa | -0.20 | -20.28 |
| Type of House Occupancy  (Ref. Rent) | Provided through humanitarian assistance | -0.69 | -43.87 |
| Hosted (for free) | -0.53 | -12.37 |
| Provided in return for work | -0.66 | -21.58 |
| Squatter/Illegal occupation | -0.63 | -27.05 |
| Working Family Member Present | | 0.14 | 21.07 |
| Enumerator’s Judgment of Case: Not Vulnerable | | 0.20 | 13.70 |
| Household Size | | -0.05 | -42.13 |
| Household Size Squared | | 0.00 | 28.66 |
| Illegal arrival | | -0.08 | -12.90 |
| Gender of PA: Male | | 0.13 | 18.20 |
| House Crowding | | -0.06 | -23.53 |
| Constant | | 4.83 | 365.50 |
| Number of Observations | | 24163 |  |
| Adjusted R-squared | | 0.55 |  |
| F-statistic | | 839.7 |  |

### A3: Welfare Model: PG variables only

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| **Welfare Model: PG variables only** | | | |
| **Variables** | | **Coefficient** | **t-value** |
| Case Size  (Ref. case size = 1) | 2 | -0.35 | -24.57 |
| 3 | -0.42 | -25.06 |
| 4 | -0.57 | -31.59 |
| 5 | -0.70 | -37.82 |
| 6 | -0.81 | -42.33 |
| 7 | -0.95 | -48.24 |
| >= 8 | -1.12 | -54.81 |
| Proportion of Children (Ref. 0%) | 0 – 50 % | -0.10 | -6.10 |
| 50 – 75 % | -0.20 | -13.61 |
| > 75 % | -0.21 | -11.96 |
| Age of PA  (Ref. < 18 years old) | 18 – 59 years old | 0.17 | 3.83 |
| >= 60 years old | 0.02 | 0.41 |
| Marital Status  (Ref. widow) | Single | -0.12 | -6.83 |
| Married or Engaged | 0.06 | 4.62 |
| Divorced or Separated | 0.04 | 1.84 |
| Highest Education of PA  (Ref. Below 6 years) | 6 – 8 years | 0.05 | 5.97 |
| 9 – 11 years | 0.06 | 6.00 |
| 12 – 14 years | 0.08 | 6.43 |
| At least university | 0.18 | 10.45 |
| Border Crossing Point (Ref. Airports) | Ruwaished – Hadallat | -0.10 | -5.79 |
| Nassib-official or unofficial | -0.08 | -6.52 |
| Tal Shibab | -0.08 | -5.18 |
| Other or no data | -0.10 | -6.91 |
| Destination in Jordan (Ref. Madaba) | Ajloun | 0.04 | 1.47 |
| Amman | 0.17 | 19.41 |
| Aqabah | 0.08 | 1.75 |
| Balqa | 0.05 | 2.75 |
| Jarash | 0.06 | 3.15 |
| Karak | 0.01 | 0.39 |
| Irbid | (omitted) | (omitted) |
| Maan | 0.15 | 5.71 |
| Mafraq | 0.04 | 3.71 |
| Tafilah | 0.13 | 2.53 |
| Zarqa | -0.03 | -2.94 |
| Illegal arrival | | -0.08 | -9.65 |
| Religion Sunni | | -0.15 | -3.03 |
| Birthplace Syria | | -0.11 | -4.41 |
| Gender of PA: Male | | 0.18 | 22.60 |
| Constant | | 4.50 | 61.00 |
| Number of Observations | | 22469 |  |
| Adjusted R-squared | | 0.42 |  |
| F-statistic | | 450.4 |  |

### A4: Poverty Model (Probit): PG + HV-III variables

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| **Poverty Model (Probit): PG & HV variables** | | | |
| **Variables** | | **Coefficient** | **z-value** |
| Case Size  (Ref. case size = 1) | 2 | 1.15 | 23.72 |
| 3 | 1.19 | 21.86 |
| 4 | 1.50 | 25.93 |
| 5 | 1.97 | 33.20 |
| 6 | 2.31 | 36.76 |
| 7 | 2.67 | 38.70 |
| >= 8 | 3.09 | 35.94 |
| Proportion of Children (Ref. 0%) | 0 – 50 % | 0.01 | 0.16 |
| 50 – 75 % | 0.33 | 8.04 |
| > 75 % | 0.39 | 7.10 |
| Marital Status  (Ref. widow) | Single | 0.19 | 3.15 |
| Married or Engaged | -0.04 | -1.04 |
| Divorced or Separated | 0.07 | 1.01 |
| Highest Education of PA  (Ref. Below 6 years) | 6 – 8 years | -0.04 | -3.85 |
| 9 – 11 years | -0.04 | -2.39 |
| 12 – 14 years | -0.10 | -1.21 |
| At least university | -0.22 | -1.24 |
| MOI Registration  (Ref. Amman) | Ajloun | 0.43 | 4.01 |
| Aqabah | 0.20 | 1.36 |
| Balqa | 0.24 | 3.31 |
| Irbid | 0.25 | 8.88 |
| Jarash | 0.42 | 6.14 |
| Karak | 0.60 | 7.64 |
| Maan | 0.33 | 3.68 |
| Madaba | 0.10 | 1.05 |
| Mafraq | -0.02 | -0.54 |
| Tafilah | 0.22 | 1.27 |
| Zarqa | 0.58 | 15.25 |
| Age of PA  (Ref. >= 60 years old) | < 18 years old | 0.48 | 2.95 |
| 18 – 59 years old | -0.05 | -1.16 |
| Type of House Occupancy  (Ref. Rent) | Provided through humanitarian assistance | 1.52 | 18.56 |
| Hosted (for free) | 1.44 | 8.50 |
| Provided in return for work | 1.51 | 10.14 |
| Squatter/Illegal occupation | 1.49 | 10.87 |
| Border Crossing Point (Ref. Airports) | Ruwaished – Hadallat | 0.11 | 2.02 |
| Nassib-official or unofficial | 0.12 | 3.00 |
| Tal Shibab | 0.14 | 2.63 |
| Other or no data | 0.13 | 2.86 |
| Food: Dairy Consumed Through WFP Assistance | | 0.06 | 2.11 |
| Food: Spices and Condiments Bought With Cash | | -0.18 | -4.06 |
| WASH: Wastewater Sewage Facility | | -0.11 | -4.22 |
| WASH: Wastewater Regularly Removed | | -0.07 | -2.59 |
| Multiple Entries into Jordan | | -0.22 | -4.43 |
| Access to Kitchen Facilities | | -0.28 | -3.72 |
| Working Family Member Present | | -0.31 | -12.23 |
| Enumerator’s Judgement of Case: Not Vulnerable | | -0.37 | -6.21 |
| Household Size | | 0.14 | 18.96 |
| Household Size Squared | | -0.004 | -13.67 |
| Illegal arrival | | 0.17 | 6.03 |
| Gender of PA: Male | | -0.13 | -4.73 |
| House Crowding | | 0.19 | 15.95 |
| Constant | | -2.53 | -22.94 |
| Number of Observations | | 22945 |  |
| R-squared (McFadden) | | 0.45 |  |
| AIC | | 18384 |  |