Developing Poverty Assessment Tools Project

# Accuracy Results for 20 Poverty Assessment Tool Countries

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***A Brief Note on the Notation and Content of the Tables***

For 14 of the 20 countries below, the line used to construct the poverty tool is the "median poverty line" – the level of monthly expenditure that divides the poorest half of those living below the national poverty line from the less-poor half of the officially poor. For 5 of the 6 countries, the line used is the international poverty line of "$1/day" – technically $1.08 per day per capita at 1993 Purchasing Power Parity (PPP) exchange rates and prices. For Malawi, the PAT has been updated to accompany a recalculated international poverty line (to $1.25 per day at 2005 PPP) that reflects new, improved estimates of PPP by the World Bank. The type of poverty line used for each country will be noted next to its name and the extreme poverty rate it implies will be listed under the country's name.

All results are based on models with controls plus 15 best predictors. In the case of a two-step model, there are 15 best predictors for each of the steps of the procedure.

The best model – balancing both accuracy and practicality – for each country is in bold.

Full details on the poverty accuracy criteria, including PIE and BPAC, can be found in the accompanying document, "Note on Assessment and Improvement of Tool Accuracy."

| **Albania** (Median line)*<br><br>**Share of "Very Poor:"** 10.4% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 90.85 | 13.42 | 86.58 | 10.88 | -7.11 | -62.28 |
| Quantile regression (estimation point: 31) | **89.85** | **45.32** | **54.68** | **53.45** | **-0.12** | **44.08** |
| Linear Probability | 90.64 | 1.19 | 98.81 | 0.92 | -9.19 | -96.70 |
| Probit | 91.11 | 21.37 | 78.63 | 16.08 | -5.87 | -41.18 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 19 percentile cutoff | 91.71 | 29.80 | 70.19 | 18.14 | -4.89 | -22.25 |
| Quantile (estim. points: 31, 6) 19 percentile cutoff | 89.73 | 46.51 | 53.50 | 55.94 | 0.23 | 44.06 |
| LP – 23 percentile cutoff | 92.21 | 34.20 | 65.79 | 17.19 | -4.56 | -14.39 |
| Probit – 23 percentile cutoff | 91.55 | 30.99 | 69.01 | 21.05 | -4.50 | -16.97 |
| *Median poverty line is 4,024 leke per person per month in September 2002 prices. This poverty line is based on the official national poverty line of 4,891. | | | | | | |

| **Azerbaijan** (Median line)*<br><br>**Share of "Very Poor":** 19.9% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 79.79 | 17.91 | 82.09 | 16.32 | -13.5 | -47.85 |
| Quantile regression (estimation point: 35) | **76.05** | **41.65** | **58.35** | **58.31** | **0.00** | **41.61** |
| Linear Probability | 79.83 | 4.07 | 95.93 | 2.31 | -19.2 | -89.55 |
| Probit | 80.16 | 10.91 | 89.09 | 7.52 | -16.8 | -70.66 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 33 percentile cutoff | 80.85 | 21.03 | 78.97 | 14.27 | -13.3 | -43.68 |
| Quantile (estim. Points: 35, 11) 33 percentile cutoff | 76.49 | 44.07 | 55.93 | 58.58 | 0.55 | 41.42 |
| LP – 33 percentile cutoff | 81.16 | 21.55 | 78.45 | 13.30 | -13.4 | -43.60 |
| Probit – 33 percentile cutoff | 80.87 | 21.18 | 78.82 | 14.33 | -13.2 | -43.31 |
| *Median poverty line is 149,349 manat per person per month in 2002 prices. This poverty line is based on the official national poverty line of 175,000. | | | | | | |

| **Bangladesh** ($1/day line at PPP)*<br><br>**Share of "Very Poor":** 31.4% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 79.98 | 55.78 | 44.22 | 19.52 | -7.76 | 31.08 |
| Quantile regression (estimation point: 43) | 80.10 | 68.53 | 31.47 | 31.87 | 0.13 | 68.13 |
| Linear Probability | 82.35 | 63.75 | 36.26 | 19.92 | -5.13 | 47.41 |
| Probit | 82.10 | 67.73 | 32.27 | 24.70 | -2.38 | 60.16 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 49 percentile cutoff | 81.60 | 67.33 | 32.67 | 25.89 | -2.13 | 60.56 |
| Quantile (estimation points: 43, 24) 49 percentile cutoff | 80.48 | 68.92 | 31.08 | 31.08 | 0.00 | 68.92 |
| LP – 50 percentile cutoff | **83.73** | **73.71** | **26.29** | **25.49** | **-0.25** | **72.91** |
| Probit – 50 percentile cutoff | 83.10 | 71.31 | 28.69 | 25.09 | -1.13 | 67.73 |
| * $1.08 per day per capita at 1993 Purchasing Power Parity terms is equivalent to 23.18 Taka per day in April 2004 prices. | | | | | | |

| **Bosnia and Herzegovina** (Median line)*<br><br>**Share of "Very Poor":** 7.0% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 92.08 | 16.54 | 83.46 | 21.59 | -4.66 | -45.32 |
| Quantile regression (estimation point: 34) | **90.91** | **38.76** | **61.24** | **60.89** | **-0.03** | **38.42** |
| Linear Probability | 92.55 | 1.11 | 98.89 | 0 | -7.45 | -97.78 |
| Probit | 93.19 | 23.17 | 76.83 | 13.52 | -4.77 | -40.15 |
| **Two-step methods** | | | | | | |
| OLS – 20 percentile cutoff | 93.58 | 32.22 | 67.78 | 17.39 | -3.79 | -18.16 |
| Quantile (estimation points: 34, 6) 20 percentile cutoff | 91.51 | 46.45 | 53.55 | 60.55 | 0.52 | 39.45 |
| LP – 24 percentile cutoff | 94.57 | 40.03 | 59.97 | 12.09 | -3.61 | -7.85 |
| Probit – 24 percentile cutoff | 94.30 | 39.21 | 60.79 | 14.82 | -3.46 | -6.75 |
| * Median poverty line is 1830 marka per capita per year in January 2005 prices. This poverty line is based on the official national poverty line of 2223. | | | | | | |

| **Cambodia (**Median line)* <br> **Share of "Very Poor":** 15.3% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 85.79 | 24.43 | 75.57 | 17.97 | -8.75 | -33.17 |
| Quantile regression (estimation point: 35) | **84.02** | **48.25** | **51.75** | **53.58** | **0.28** | **46.42** |
| Linear Probability | 85.93 | 10.39 | 89.61 | 3.06 | -13.14 | -76.16 |
| Probit | 86.29 | 27.45 | 72.55 | 17.74 | -8.3 | -27.36 |
| **Two-step methods** | | | | | | |
| OLS – 25 percentile cutoff | 86.61 | 28.22 | 71.78 | 16.42 | -8.41 | -27.14 |
| Quantile (estimation points: 35, 9) 25 percentile cutoff | 84.50 | 49.45 | 50.55 | 51.63 | 0.16 | 48.37 |
| LP – 27 percentile cutoff | 86.60 | 29.54 | 70.46 | 17.77 | -8.00 | -23.15 |
| Probit – 27 percentile cutoff | 86.55 | 29.13 | 70.87 | 17.73 | -8.07 | -24.01 |

* Cambodia has three separate official poverty lines: Phnom Penh, other urban areas, and rural areas. Median poverty lines are 1819 riel per capita per day, 1531, and 1349, respectively, in 2004 prices. These poverty lines are based on the official national poverty lines for Phnom Penh (2,351 riel), other urban areas (1,952), and rural areas (1,753).

| **Colombia** (Median line)* <br> **Share of "Very Poor":** 25.6% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 79.82 | 52.05 | 47.95 | 30.67 | -4.44 | 34.76 |
| Quantile regression (estimation point: 39) | **78.87** | **59.41** | **40.59** | **41.63** | **0.27** | **58.37** |
| Linear Probability | 82.26 | 49.49 | 50.51 | 18.59 | -8.19 | 17.57 |
| Probit | 82.47 | 52.59 | 47.41 | 20.86 | -6.82 | 26.05 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 48 percentile cutoff | 80.23 | 53.75 | 46.25 | 30.77 | -3.97 | 38.26 |
| Quantile (estimation points: 39, 20) 48 percentile cutoff | 79.60 | 60.05 | 39.95 | 39.43 | -0.13 | 59.54 |
| LP – 37 percentile cutoff | 83.58 | 61.27 | 38.73 | 25.24 | -3.46 | 47.78 |
| Probit – 37 percentile cutoff | 83.34 | 61.09 | 38.91 | 25.96 | -3.33 | 48.14 |

*Median poverty lines vary by location, ranging from 75,533 to 165,416 Colombian pesos per person per month in July 2003 prices. This poverty line is based on a set of the official regional poverty lines, ranging from 146,186 to 288,512.

| **Ghana** (Median line)*<br>**Share of "Very Poor":** 13.4% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 87.31 | 23.73 | 76.27 | 18.31 | -7.78 | -34.24 |
| Quantile regression (estimation point: 35) | 85.53 | 45.76 | 54.24 | 53.56 | -0.09 | 45.08 |
| Linear Probability | 87.22 | 8.31 | 91.69 | 3.56 | -11.8 | -79.83 |
| Probit | 87.74 | 24.58 | 75.42 | 15.93 | -7.98 | -34.92 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 23 percentile cutoff | 87.92 | 27.97 | 72.03 | 17.97 | -7.26 | -26.10 |
| Quantile (estimation points: 35, 9) 23 percentile cutoff | **86.03** | **49.32** | **50.68** | **53.39** | **0.36** | **46.61** |
| LP – 28 percentile cutoff | 87.92 | 28.14 | 71.86 | 18.14 | -7.21 | -25.59 |
| Probit – 28 percentile cutoff | 87.88 | 25.93 | 74.07 | 16.27 | -7.76 | -31.86 |

*Median poverty line is 519,554 cedis per person per month in October 1992 prices. This poverty line is based on the official national poverty line of 700,000.

| **Guatemala** (Median line)*<br>**Share of "Very Poor":** 23.0% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 87.02 | 68.47 | 31.53 | 25.03 | -1.49 | 61.98 |
| Quantile regression (estimation point: 44) | 86.44 | 70.17 | 29.83 | 29.23 | -0.14 | 69.56 |
| Linear Probability | 87.10 | 64.04 | 35.96 | 20.25 | -3.60 | 48.34 |
| Probit | 87.99 | 70.33 | 29.67 | 22.62 | -1.62 | 63.28 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 40 percentile cutoff | 88.03 | 72.66 | 27.35 | 24.79 | -0.59 | 70.09 |
| Quantile (estimation points: 44, 19) 40 percentile cutoff | 87.96 | 74.25 | 25.75 | 26.72 | 0.22 | 73.28 |
| LP – 35 percentile cutoff | **88.39** | **74.70** | **25.29** | **25.27** | **-0.01** | **74.67** |
| Probit – 35 percentile cutoff | 88.21 | 73.81 | 26.19 | 25.19 | -0.23 | 72.79 |

*Median poverty line is 2680 quetzals per person per month in November 2000 prices. This poverty line is based on the official national poverty line of 4,319.

| **India** ($1/day line at PPP)*<br>**Share of "Very Poor":** 77.9% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 83.63 | 94.39 | 5.60 | 15.24 | 7.57 | 84.76 |
| Quantile regression (estimation point: 66) | **83.98** | **89.77** | **10.23** | **10.16** | **-0.06** | **89.69** |
| Linear Probability | 83.83 | 95.94 | 4.06 | 16.52 | 9.79 | 83.48 |
| Probit | 84.44 | 94.69 | 5.311 | 14.50 | 7.22 | 85.50 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 78 percentile cutoff | 84.18 | 93.28 | 6.72 | 13.43 | 5.27 | 86.57 |
| Quantile (estimation points: 66, 30) 78 percentile cutoff | 84.23 | 89.29 | 10.71 | 9.36 | -1.06 | 87.93 |
| LP – 78 percentile cutoff | 85.01 | 94.96 | 5.04 | 14.04 | 7.07 | 85.96 |
| Probit – 78 percentile cutoff | 85.43 | 92.51 | 7.49 | 11.05 | 2.79 | 88.95 |

* $1.08 per day per capita at 1993 Purchasing Power Parity terms is equivalent to 3,790 rupees per year in April 1998 prices.

| **Indonesia** (Median line)*<br>**Share of "Very Poor":** 7.7% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 92.31 | 10.58 | 89.42 | 9.86 | -6.17 | -68.98 |
| Quantile regression (estimation point: 27) | **90.28** | **36.16** | **63.84** | **61.62** | **-0.17** | **33.94** |
| Linear Probability | 92.28 | 0.30 | 99.69 | 0.08 | -7.72 | -99.32 |
| Probit | 92.50 | 11.10 | 88.89 | 7.83 | -6.28 | -69.97 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 88 percentile cutoff | 92.36 | 10.36 | 89.64 | 8.95 | -6.25 | -70.32 |
| Quantile (estimation points: 27, 25) 88 percentile cutoff | 90.15 | 36.31 | 63.69 | 63.38 | -0.02 | 36.00 |
| LP – 27 percentile cutoff | 92.69 | 13.13 | 86.87 | 7.51 | -6.15 | -66.22 |
| Probit – 27 percentile cutoff | 92.67 | 13.23 | 86.77 | 7.85 | -6.12 | -65.69 |

*Median poverty line is 82,474 rupiah per person per month for persons in rural areas and 110,365 for urban areas in April 2002 prices. This poverty line is based on the official national poverty line of 96,512 rupiah in rural areas and 130,499 in urban areas.

| **Jamaica** (Median line)*<br>**Share of "Very Poor":** 8.0% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 92.66 | 31.54 | 68.46 | 28.73 | -3.00 | -8.19 |
| Quantile regression (estimation point: 32) | 91.23 | 44.65 | 55.35 | 60.78 | 0.41 | 39.22 |
| Linear Probability | 92.67 | 2.95 | 97.05 | 0 | -7.33 | -94.09 |
| Probit | 93.79 | 26.29 | 73.71 | 8.53 | -4.92 | -38.89 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 24 percentile cutoff | 93.97 | 40.07 | 59.93 | 19.89 | -3.02 | 0.04 |
| Quantile (estimation points: 32, 8) 24 percentile cutoff | **92.55** | **49.61** | **50.39** | **48.26** | **-0.16** | **47.48** |
| LP – 23 percentile cutoff | 94.36 | 38.33 | 61.67 | 12.98 | -3.68 | -10.37 |
| Probit – 23 percentile cutoff | 94.19 | 36.78 | 63.22 | 13.64 | -3.75 | -12.80 |
| *Median poverty line is 24,888 Jamaican dollars per person per year in August 2000 prices. This poverty line is based on the official national poverty line of 31,414. | | | | | | |

| **Kazakhstan** (Median line)*<br>**Share of "Very Poor":** 4.5% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 95.47 | 5.41 | 94.59 | 5.41 | -4.04 | -83.78 |
| Quantile regression (estimation point: 21) | 94.00 | 37.84 | 62.16 | 70.27 | 0.37 | 29.73 |
| Linear Probability | 95.59 | 5.41 | 94.59 | 2.70 | -4.16 | -86.49 |
| Probit | 96.33 | 32.43 | 67.57 | 13.51 | -2.45 | -21.62 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 20 percentile cutoff | 96.57 | 37.84 | 62.16 | 13.51 | -2.20 | -10.81 |
| Quantile (estim. points: 21, 4) 20 percentile cutoff | **94.61** | **43.24** | **56.76** | **62.16** | **0.24** | **37.84** |
| LP – 24 percentile cutoff | 98.04 | 59.46 | 40.54 | 2.70 | -1.71 | 21.62 |
| Probit – 24 percentile cutoff | 97.92 | 59.46 | 40.54 | 5.41 | -1.59 | 24.32 |
| *Median poverty line varies by oblast, ranging from 44,368 to 67,412 tenge per adult equivalent per year in November 2004 prices. This poverty line is based on the official oblast poverty lines of 61,362 to 78,164. | | | | | | |

| **Madagascar** ($1/day line at PPP)*<br><br>**Share of "Very Poor":** 35.2% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 79.82 | 81.52 | 18.48 | 22.92 | 2.17 | 77.08 |
| Quantile regression (estimation point: 53) | 79.93 | 79.44 | 20.56 | 20.59 | 0.02 | 79.41 |
| Linear Probability | 80.87 | 84.47 | 15.53 | 23.71 | 3.99 | 76.29 |
| Probit | 80.82 | 82.45 | 17.55 | 21.79 | 2.07 | 78.21 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 51 percentile cutoff | 80.26 | 80.19 | 19.81 | 20.69 | 0.43 | 79.31 |
| Quantile (estimation points: 53, 23) 51 percentile cutoff | 80.58 | 80.19 | 19.81 | 20.01 | 0.09 | 79.99 |
| LP – 47 percentile cutoff | **81.29** | **80.73** | **19.27** | **19.10** | **-0.08** | **80.57** |
| Probit – 47 percentile cutoff | 81.16 | 78.35 | 21.65 | 16.99 | -2.27 | 73.70 |

* $1.08 per day per capita at 1993 Purchasing Power Parity terms is equivalent to 719,562 Malagasy francs per person per year in November 2001 prices.

| **Malawi** ($1.25/day line at PPP)*<br><br>**Share of "Very Poor":** 61.4% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 80.57 | 87.39 | 12.61 | 19.02 | 3.94 | 80.98 |
| Quantile regression (estimation point: 56) | **80.15** | **84.12** | **15.88** | **16.43** | **0.33** | **83.57** |
| Linear Probability | 80.48 | 89.27 | 10.73 | 21.05 | 6.34 | 78.95 |
| Probit | 80.79 | 87.75 | 12.25 | 19.00 | 4.15 | 80.99 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 62 percentile cutoff | 80.96 | 85.59 | 14.40 | 16.59 | 1.34 | 83.41 |
| Quantile (estimation points: 56, 27) 62 percentile cutoff | 80.52 | 84.19 | 15.80 | 15.89 | 0.06 | 84.11 |
| LP – 82 percentile cutoff | 81.11 | 89.03 | 10.97 | 19.78 | 5.42 | 80.22 |
| Probit – 82 percentile cutoff | 81.10 | 88.46 | 11.55 | 19.21 | 4.71 | 80.79 |

* International $1.25/day poverty line is 1801.15 Malawi Kwacha per capita per month in March 2005 prices. The international poverty line is based on World Bank's calculations and the recent 2005 PPP exchange rates.

| **Peru** (Median line)*<br><br>**Share of "Very Poor":** 26.9% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 83.75 | 62.33 | 37.67 | 22.79 | -4.00 | 47.44 |
| Quantile regression (estimation point: 41) | **83.38** | **69.30** | **30.69** | **31.16** | **0.13** | **68.84** |
| Linear Probability | 86.38 | 62.79 | 37.21 | 13.49 | -6.38 | 39.07 |
| Probit | 86.63 | 67.91 | 32.09 | 17.67 | -3.88 | 53.49 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 57 percentile cutoff | 85.25 | 67.91 | 32.09 | 22.79 | -2.50 | 58.60 |
| Quantile (estimation points: 41, 23) 57 percentile cutoff | 83.50 | 72.09 | 27.91 | 33.49 | 1.50 | 66.51 |
| LP – 60 percentile cutoff | 87.75 | 72.56 | 27.44 | 18.1395 | -2.50 | 63.26 |
| Probit – 60 percentile cutoff | 87.75 | 73.02 | 26.98 | 18.60 | -2.25 | 64.65 |

*Median poverty line varies by sampling area, ranging from 867.4 to 2182 Peruvian nuevo soles per person per year in July 2004 prices. This poverty line is based on the official poverty lines of 1,328 to 2,811.

| **Serbia** (Median line)*<br><br>**Share of "Very Poor":** 3.1% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 97.24 | 17.87 | 82.13 | 8.08 | -2.26 | -56.18 |
| Quantile regression (estimation point: 26) | **96.63** | **45.33** | **54.67** | **55.63** | **0.03** | **44.37** |
| Linear Probability | 97.10 | 6.18 | 93.82 | 1.06 | -2.83 | -86.59 |
| Probit | 97.64 | 30.47 | 69.53 | 7.51 | -1.89 | -31.55 |
| **Two-step methods** | | | | | | |
| OLS – 11 percentile cutoff | 97.66 | 35.95 | 64.05 | 12.37 | -1.58 | -15.73 |
| Quantile (estimation points: 26, 3) 11 percentile cutoff | 96.77 | 44.35 | 55.65 | 49.95 | -0.17 | 38.64 |
| LP – 13 percentile cutoff | 97.90 | 38.65 | 61.35 | 7.24 | -1.66 | -15.46 |
| Probit – 11 percentile cutoff | 97.71 | 38.01 | 61.99 | 12.86 | -1.50 | -11.11 |

* Median poverty line is 7,551 dinars per adult equivalent per month in June 2007 prices. This poverty line is based on the official national poverty line of 8,883 dinars.

| **Tajikistan** (Median line)*<br><br>**Share of "Very Poor":** 47.3% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 69.74 | 71.81 | 28.19 | 35.78 | 3.59 | 64.22 |
| Quantile regression (estimation point: 51) | 69.46 | 68.92 | 31.08 | 33.49 | 1.14 | 66.51 |
| Linear Probability | 69.97 | 71.81 | 28.19 | 35.30 | 3.36 | 64.69 |
| Probit | 70.59 | 70.96 | 29.04 | 33.13 | 1.94 | 66.87 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 50 percentile cutoff | 70.66 | 69.04 | 30.96 | 31.08 | 0.06 | 68.92 |
| Quantile (estimation points: 51, 22) 50 percentile cutoff | 70.19 | 68.67 | 31.33 | 31.69 | 0.17 | 68.31 |
| LP – 49 percentile cutoff | **71.68** | **70.00** | **30.00** | **29.88** | **-0.06** | **69.88** |
| Probit – 49 percentile cutoff | 72.08 | 67.71 | 32.29 | 26.75 | -2.62 | 62.17 |
| *Median poverty line is 12,329 Tajik rubles per person per month in 1999 prices. This poverty line is based on the official national poverty line of 32,083. | | | | | | |

| **Timor-Leste** ($1/day at PPP)*<br><br>**Share of "Very Poor":** 44.7% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 76.39 | 72.05 | 27.95 | 24.85 | -1.38 | 68.96 |
| Quantile regression (estimation point: 50) | 76.23 | 73.76 | 26.24 | 26.92 | 0.31 | 73.08 |
| Linear Probability | 77.37 | 75.86 | 24.14 | 26.48 | 1.05 | 73.52 |
| Probit | **77.14** | **75.08** | **24.92** | **26.20** | **0.58** | **73.79** |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 62 percentile cutoff | 76.93 | 73.12 | 26.88 | 24.71 | -0.97 | 70.95 |
| Quantile (estimation points: 50, 30) 62 percentile cutoff | 77.06 | 74.11 | 25.89 | 25.43 | -0.20 | 73.66 |
| LP – 50 percentile cutoff | 79.86 | 77.41 | 22.59 | 22.47 | -0.05 | 77.30 |
| Probit – XX percentile cutoff | 79.11 | 75.44 | 24.56 | 22.18 | -1.06 | 73.06 |
| * $1.08 per day per capita at 1993 Purchasing Power Parity terms is equivalent to $25.22 per month in December 2001 prices (with rupiah converted to dollars at a rate of 10,000 to 1). | | | | | | |

| **Uganda** ($1/day at PPP)*<br>**Share of "Very Poor":** 32.4% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 75.00 | 57.25 | 42.75 | 34.51 | -2.66 | 49.02 |
| Quantile regression (estimation point: 45) | 75.38 | 61.57 | 38.43 | 37.65 | -0.25 | 60.78 |
| Linear Probability | 77.41 | 54.90 | 45.09 | 24.71 | -6.59 | 34.51 |
| Probit | 76.90 | 56.47 | 43.53 | 27.84 | -5.08 | 40.78 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 51 percentile cutoff | 77.41 | 64.31 | 35.69 | 34.12 | -0.51 | 62.75 |
| Quantile (estimation points: 45, 24) 51 percentile cutoff | **77.28** | **65.49** | **34.51** | **35.69** | **0.38** | **64.31** |
| LP – 44 percentile cutoff | 81.22 | 68.63 | 31.37 | 26.67 | -1.52 | 63.92 |
| Probit – 44 percentile cutoff | 79.69 | 65.88 | 34.12 | 28.63 | -1.78 | 60.39 |

* $1.08 per day per capita at 1993 Purchasing Power Parity terms is equivalent to 665 Uganda schillings per day in October 2004 prices.

| **Vietnam** (Median line)*<br>**Share of "Very Poor":** 14.5% | **Total Accuracy** | **Poverty Accuracy** | **Under-coverage** | **Leakage** | **PIE** | **BPAC** |
|---|---|---|---|---|---|---|
| **Single-step methods** | | | | | | |
| OLS | 86.31 | 46.18 | 53.82 | 15.97 | -7.42 | 8.33 |
| Quantile regression (estimation point: 38) | **87.96** | **61.83** | **38.17** | **38.30** | **0.02** | **61.69** |
| Linear Probability | 85.95 | 38.40 | 61.59 | 10.05 | -10.1 | -13.14 |
| Probit | 86.49 | 49.75 | 50.25 | 18.59 | -6.21 | 18.09 |
| | | | | | | |
| **Two-step methods** | | | | | | |
| OLS – 30 percentile cutoff | 86.88 | 53.05 | 46.95 | 19.95 | -5.29 | 26.05 |
| Quantile (estimation points: 38, 12) 30 percentile cutoff | 87.98 | 63.13 | 36.87 | 39.50 | 0.42 | 60.49 |
| LP – 30 percentile cutoff | 87.26 | 57.85 | 42.15 | 22.83 | -3.79 | 38.53 |
| Probit – 30 percentile cutoff | 87.28 | 54.86 | 45.14 | 19.73 | -4.98 | 29.45 |

*Median poverty line is 1,393,582 Vietnamese dong per person per year in January 1999 prices. This poverty line is based on the official national poverty line of 1,789,000.