Table S5: Adjusted and unadjusted logistic regression models showing factors associated with prenatal uptake of HIV testing in Zambia, Zimbabwe, Malawi and

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| --- | --- | --- | --- |
| Variables | Zambia | Zimbabwe | Malawi |
| Knowledge of MTCT  | UOR [95% CI] | AOR [95% CI] | UOR [95% CI] | AOR [95% CI] | UOR [95% CI] | AOR [95% CI] |
| Low | Ref | Ref | Ref | Ref | Ref | Ref |
| Moderate | 23.15 [15.30,35.02]\*\*\* | 19.44 [12.67,29.82]\*\*\* | 9.46 [5.28,16.96]\*\*\* | 8.92 [4.81,16.57]\*\*\* | 5.40 [4.07,7.14]\*\*\* | 5.31 [3.99,7.06] \*\*\* |
| High | 21.06 [15.27,29.03]\*\*\* | 17.12 [12.20,24.02]\*\*\* | 19.23 [11.13,33.24]\*\*\* | 18.54 [10.31,33.37]\*\*\* | 6.35 [5.08,7.95]\*\*\* | 6.00 [4.77,7.54]\*\*\* |
| Age group in years |  |  |  |  |  |  |
| 15-19 | Ref | Ref | Ref | Ref | Ref | Ref |
| 20-24 | 1.79 [1.21,2.64]\*\* | 1.46 [0.91,2.34] | 0.92 [0.54,1.55] | 0.8 [0.44,1.43] | 1.89 [1.49,2.40]\*\*\* | 1.59 [1.23,2.06]\*\*\* |
| 25-34 | 1.47 [1.03,2.09]\* | 1.34 [0.85,2.12] | 0.75 [0.46,1.21] | 0.53 [0.30,0.92]\* | 1.97 [1.56,2.49]\*\*\* | 1.55 [1.20,2.01]\*\*\* |
| 35-49 | 1.39 [0.92,2.11] | 1.6 [0.95,2.70] | 0.70 [0.39,1.23] | 0.54 [0.28,1.03] | 1.38 [1.05,1.80]\*  | 1.23 [0.91,1.67] |
| Marital Status |  |  |  |  |  |  |
| Never Married | Ref | Ref | Ref | Ref | Ref | Ref |
| Currently married | 0.73 [0.49,1.10] | 0.71 [0.42,1.18] | 0.37 [0.16,0.84]\* | 0.40 [0.16,0.98]\* | 2.32 [1.74,3.09]\*\*\* | 2.04 [1.47,2.84]\*\*\* |
| Previously married | 0.51 [0.30,0.87]\* | 0.58 [0.30,1.12] | 0.34 [0.13,0.88]\* | 0.35 [0.13,0.96]\* | 1.49 [1.05,2.11]\* | 1.29 [0.87,1.90] |
| Cohabiting | 0.67 [0.08,5.32] | 0.93 [0.09,9.85] | 0.56 [0.18,1.79] | 0.63 [0.18,2.17] | 2.16 [1.38,3.37]\*\*\* | 1.95 [1.20,3.15]\*\* |
| Education level |  |  |  |  |  |  |
| None | Ref | Ref | Ref | Ref | Ref | Ref |
| Primary | 3.21 [2.35,4.39]\*\*\* | 2.91 [2.01,4.21]\*\*\* | 0.81 [0.24,2.75] | 0.62 [0.16,2.36] | 1.20 [0.94,1.53] | 1.06 [0.81,1.39] |
| Secondary & Higher | 9.46 [6.22,14.39]\*\*\* | 5.98 [3.53,10.14]\*\*\* | 2.11 [0.62,7.21] | 1.2 [0.31,4.67] | 1.87 [1.38,2.54]\*\*\* | 1.38 [0.96,1.97] |
| Wealth Status |  |  |  |  |  |  |
| Poor | Ref | Ref | Ref | Ref | Ref | Ref |
| Middle | 1.41 [1.01,1.96]\* | 0.81 [0.54,1.21] | 1.40 [0.92,2.13] | 1.08 [0.68,1.70]  | 1.42 [1.12,1.80]\*\* | 1.26 [0.98,1.61] |
| Rich | 3.69 [2.41,5.65]\*\*\* | 1.33 [0.67,2.63] | 2.01 [1.44,2.81]\*\*\* | 1.18 [0.59,2.38] | 1.25 [1.04,1.50]\*  | 0.88 [0.70,1.10] |
| Residence |  |  |  |  |  |  |
| Rural | Ref | Ref | Ref | Ref | Ref | Ref |
| Urban | 2.47 [1.72,3.54]\*\*\* | 1.52 [0.90,2.54]  | 1.73 [1.23,2.43]\*\* | 0.74 [0.37,1.51] | 1.36 [1.07,1.74]\* | 1.15 [0.87,1.52] |
| Media Exposure |  |  |  |  |  |  |
| Low | Ref | Ref | Ref | Ref | Ref | Ref |
| Moderate | 1.29 [0.98,1.70] | 0.85 [0.61,1.18] | 1.76 [1.28,2.42]\*\*\* | 1.49 [1.05,2.13]\* | 1.40 [1.17,1.67]\*\*\* | 1.24 [1.02,1.49]\* |
| High | 2.55 [1.52,4.25]\*\*\* | 0.63 [0.32,1.22] | 3.31 [2.05,5.34]\*\*\* | 2.03 [1.15,3.57]\* | 1.98 [1.42,2.78]\*\*\*  | 1.57 [1.08,2.29]\* |
| Health Insurance Cover |  |  |  |  |  |  |
| No | Ref | Ref | Ref | Ref | Ref | Ref |
| Yes | 1.84 [0.45,7.60] | 0.47 [0.10,2.18] | 3.68 [1.49,9.06]\*\* | 2.52 [0.98,6.49] | 1.42 [0.57,3.53] | 0.9 [0.35,2.33] |

AOR is the adjusted odds ratio, UOR is the unadjusted odds ratio, ref is the reference; Exponentiated coefficients; 95% confidence intervals in brackets

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001