|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Stunting Logit Regression Model | | | | | | |
|  |  | Linearized |  |  |  |  |
| stunted | Odds ratio | std. err. | t | P>|t| | [95% conf. interval] | |
| syear |  |  |  |  |  |  |
| DHS2014 | 1.04 | 0.07 | 0.52 | 0.602 | 0.90 | 1.19 |
|  |  |  |  |  |  |  |
| child\_sex |  |  |  |  |  |  |
| male | 1.45 | 0.08 | 6.84 | 0.000 | 1.30 | 1.62 |
|  |  |  |  |  |  |  |
| residence |  |  |  |  |  |  |
| urban | 0.88 | 0.07 | -1.58 | 0.114 | 0.74 | 1.03 |
|  |  |  |  |  |  |  |
| religion |  |  |  |  |  |  |
| Catholic | 0.42 | 0.07 | -5.38 | 0.000 | 0.31 | 0.58 |
| Protestant | 0.47 | 0.07 | -5.09 | 0.000 | 0.35 | 0.63 |
| Muslim | 0.35 | 0.07 | -5.48 | 0.000 | 0.24 | 0.51 |
| Other | 0.47 | 0.14 | -2.61 | 0.009 | 0.26 | 0.83 |
|  |  |  |  |  |  |  |
| wealth\_index |  |  |  |  |  |  |
| poorest | 1.67 | 0.26 | 3.37 | 0.001 | 1.24 | 2.26 |
| poorer | 1.46 | 0.22 | 2.47 | 0.014 | 1.08 | 1.98 |
| middle | 1.32 | 0.20 | 1.82 | 0.068 | 0.98 | 1.79 |
| richer | 1.23 | 0.19 | 1.35 | 0.177 | 0.91 | 1.66 |
|  |  |  |  |  |  |  |
| maternal\_edu |  |  |  |  |  |  |
| Primary | 1.12 | 0.11 | 1.10 | 0.273 | 0.92 | 1.37 |
| >= Secondary | 0.81 | 0.10 | -1.66 | 0.097 | 0.64 | 1.04 |
|  |  |  |  |  |  |  |
| maternal\_age |  |  |  |  |  |  |
| 25-34 yrs | 0.78 | 0.07 | -2.84 | 0.004 | 0.66 | 0.93 |
| >= 35 yrs | 0.65 | 0.09 | -3.30 | 0.001 | 0.50 | 0.84 |
|  |  |  |  |  |  |  |
| maternal\_work |  |  |  |  |  |  |
| Yes | 1.06 | 0.07 | 0.90 | 0.369 | 0.93 | 1.21 |
|  |  |  |  |  |  |  |
| paternal\_edu |  |  |  |  |  |  |
| Primary | 0.91 | 0.09 | -0.93 | 0.355 | 0.75 | 1.11 |
| >= Secondary | 0.75 | 0.09 | -2.50 | 0.013 | 0.59 | 0.94 |
|  |  |  |  |  |  |  |
| delivery\_place |  |  |  |  |  |  |
| Public sector | 0.81 | 0.06 | -2.82 | 0.005 | 0.70 | 0.94 |
| Private sector | 0.85 | 0.09 | -1.44 | 0.149 | 0.69 | 1.06 |
| Other | 1.18 | 0.30 | 0.67 | 0.503 | 0.72 | 1.93 |
|  |  |  |  |  |  |  |
| region |  |  |  |  |  |  |
| coast | 0.62 | 0.13 | -2.31 | 0.021 | 0.41 | 0.93 |
| north eastern | 0.34 | 0.08 | -4.52 | 0.000 | 0.22 | 0.55 |
| eastern | 0.62 | 0.12 | -2.45 | 0.014 | 0.42 | 0.91 |
| central | 0.48 | 0.11 | -3.30 | 0.001 | 0.31 | 0.74 |
| rift valley | 0.51 | 0.10 | -3.61 | 0.000 | 0.35 | 0.74 |
| western | 0.39 | 0.08 | -4.49 | 0.000 | 0.26 | 0.59 |
| nyanza | 0.36 | 0.07 | -5.03 | 0.000 | 0.24 | 0.54 |
|  |  |  |  |  |  |  |
| birth\_interval | 0.99 | 0.00 | -5.19 | 0.000 | 0.99 | 1.00 |
| birth\_order | 1.05 | 0.02 | 2.50 | 0.013 | 1.01 | 1.10 |
| childs\_age | 1.01 | 0.00 | 7.20 | 0.000 | 1.01 | 1.02 |