**UNADJUSTED LOGISTIC REGRESSION**

**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v01.. 1~24 | 1 | | . | . | | . | . | | . | |  |
| 2. 25-34 | .979 | | .062 | -0.34 | | .734 | .864 | | 1.108 | |  |
| 3. 35-49 | 1.016 | | .073 | 0.22 | | .822 | .883 | | 1.17 | |  |
| Constant | .474 | | .024 | -14.72 | | 0 | .429 | | .523 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.000 | | | Number of obs | | | 6713 | |
| Chi-square | | 0.370 | | | Prob > chi2 | | | 0.831 | |
| Akaike crit. (AIC) | | 8424.751 | | | Bayesian crit. (BIC) | | | 8445.186 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| highest educa.. no~n | 1 | | . | . | | . | . | | . | |  |
| 1. primary | .679 | | .052 | -5.08 | | 0 | .585 | | .789 | | \*\*\* |
| 2. secondary | .593 | | .038 | -8.11 | | 0 | .523 | | .673 | | \*\*\* |
| 3. higher | .391 | | .055 | -6.66 | | 0 | .297 | | .515 | | \*\*\* |
| Constant | .594 | | .021 | -14.95 | | 0 | .555 | | .636 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.013 | | | Number of obs | | | 6713 | |
| Chi-square | | 109.527 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8317.594 | | | Bayesian crit. (BIC) | | | 8344.841 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v70.. no~n | 1 | | . | . | | . | . | | . | |  |
| 1. primary | .71 | | .057 | -4.27 | | 0 | .606 | | .831 | | \*\*\* |
| 2. secondary | .592 | | .037 | -8.42 | | 0 | .524 | | .669 | | \*\*\* |
| 3. higher | .377 | | .035 | -10.45 | | 0 | .314 | | .452 | | \*\*\* |
| Constant | .648 | | .025 | -11.25 | | 0 | .6 | | .698 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.018 | | | Number of obs | | | 6713 | |
| Chi-square | | 152.327 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8274.794 | | | Bayesian crit. (BIC) | | | 8302.042 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| current marit.. ma~d | 1 | | . | . | | . | . | | . | |  |
| 2. living with par~r | 1.222 | | .19 | 1.29 | | .197 | .901 | | 1.658 | |  |
| Constant | .469 | | .012 | -28.56 | | 0 | .445 | | .494 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.000 | | | Number of obs | | | 6713 | |
| Chi-square | | 1.636 | | | Prob > chi2 | | | 0.201 | |
| Akaike crit. (AIC) | | 8421.485 | | | Bayesian crit. (BIC) | | | 8435.109 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| respondent cu.. no | 1 | | . | . | | . | . | | . | |  |
| 1. yes | .753 | | .042 | -5.14 | | 0 | .676 | | .839 | | \*\*\* |
| Constant | .569 | | .025 | -12.64 | | 0 | .521 | | .621 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.003 | | | Number of obs | | | 6713 | |
| Chi-square | | 26.201 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8396.920 | | | Bayesian crit. (BIC) | | | 8410.544 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v13.. ch~n | 1 | | . | . | | . | . | | . | |  |
| 2. islam | 1.134 | | .065 | 2.18 | | .029 | 1.013 | | 1.269 | | \*\* |
| 3. others | 1.03 | | .44 | 0.07 | | .945 | .445 | | 2.382 | |  |
| Constant | .431 | | .021 | -17.36 | | 0 | .392 | | .474 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.001 | | | Number of obs | | | 6713 | |
| Chi-square | | 4.817 | | | Prob > chi2 | | | 0.090 | |
| Akaike crit. (AIC) | | 8420.304 | | | Bayesian crit. (BIC) | | | 8440.739 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v19.. poor | 1 | | . | . | | . | . | | . | |  |
| 2. middle | .7 | | .048 | -5.23 | | 0 | .612 | | .8 | | \*\*\* |
| 3. rich | .471 | | .032 | -11.10 | | 0 | .412 | | .538 | | \*\*\* |
| Constant | .601 | | .021 | -14.88 | | 0 | .562 | | .643 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.016 | | | Number of obs | | | 6713 | |
| Chi-square | | 136.084 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8289.037 | | | Bayesian crit. (BIC) | | | 8309.473 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v13.. yo~a | 1 | | . | . | | . | . | | . | |  |
| 2. igbo | .812 | | .118 | -1.43 | | .152 | .611 | | 1.08 | |  |
| 3. hausa/fulani | .963 | | .117 | -0.31 | | .76 | .759 | | 1.223 | |  |
| 4. others | .942 | | .117 | -0.48 | | .63 | .738 | | 1.202 | |  |
| Constant | .5 | | .058 | -5.96 | | 0 | .398 | | .628 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.000 | | | Number of obs | | | 6713 | |
| Chi-square | | 3.598 | | | Prob > chi2 | | | 0.308 | |
| Akaike crit. (AIC) | | 8423.523 | | | Bayesian crit. (BIC) | | | 8450.770 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v13.. On~o | 1 | | . | . | | . | . | | . | |  |
| 2. Three-Four | 1.113 | | .068 | 1.75 | | .08 | .987 | | 1.255 | | \* |
| 3. Five and above | 1.173 | | .13 | 1.44 | | .149 | .944 | | 1.458 | |  |
| Constant | .455 | | .014 | -25.04 | | 0 | .427 | | .484 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.001 | | | Number of obs | | | 6713 | |
| Chi-square | | 4.471 | | | Prob > chi2 | | | 0.107 | |
| Akaike crit. (AIC) | | 8420.650 | | | Bayesian crit. (BIC) | | | 8441.086 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of v21.. On~o | 1 | | . | . | | . | . | | . | |  |
| 2. Three-Four | 1.053 | | .067 | 0.80 | | .422 | .929 | | 1.194 | |  |
| 3. Five and above | 1.07 | | .068 | 1.08 | | .281 | .946 | | 1.212 | |  |
| Constant | .453 | | .02 | -18.08 | | 0 | .416 | | .494 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.000 | | | Number of obs | | | 6713 | |
| Chi-square | | 1.274 | | | Prob > chi2 | | | 0.529 | |
| Akaike crit. (AIC) | | 8423.847 | | | Bayesian crit. (BIC) | | | 8444.282 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of med.. no~e | 1 | | . | . | | . | . | | . | |  |
| 1. poor exposure | .645 | | .036 | -7.80 | | 0 | .578 | | .72 | | \*\*\* |
| 2. good exposure | .388 | | .035 | -10.47 | | 0 | .325 | | .464 | | \*\*\* |
| Constant | .631 | | .024 | -12.33 | | 0 | .586 | | .679 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.017 | | | Number of obs | | | 6713 | |
| Chi-square | | 143.491 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8281.629 | | | Bayesian crit. (BIC) | | | 8302.065 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of no\_.. hi~d | 1 | | . | . | | . | . | | . | |  |
| 2. fairly empowered | 1.068 | | .18 | 0.39 | | .697 | .767 | | 1.486 | |  |
| 3. poorly empowered | 1.179 | | .195 | 1.00 | | .319 | .852 | | 1.632 | |  |
| 4. not empowered | 1.85 | | .304 | 3.74 | | 0 | 1.34 | | 2.553 | | \*\*\* |
| Constant | .344 | | .055 | -6.70 | | 0 | .252 | | .47 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.011 | | | Number of obs | | | 6713 | |
| Chi-square | | 88.459 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8338.662 | | | Bayesian crit. (BIC) | | | 8365.909 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| RECODE of no\_empow~ | 1 | | . | . | | . | . | | . | |  |
| yes | 1.415 | | .086 | 5.74 | | 0 | 1.257 | | 1.593 | | \*\*\* |
| Constant | .365 | | .019 | -19.24 | | 0 | .329 | | .404 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.004 | | | Number of obs | | | 6713 | |
| Chi-square | | 33.770 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8389.351 | | | Bayesian crit. (BIC) | | | 8402.975 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| type of place.. ur~n | 1 | | . | . | | . | . | | . | |  |
| 2. rural | 1.663 | | .101 | 8.34 | | 0 | 1.476 | | 1.874 | | \*\*\* |
| Constant | .325 | | .017 | -21.26 | | 0 | .293 | | .36 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.009 | | | Number of obs | | | 6713 | |
| Chi-square | | 72.512 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8350.608 | | | Bayesian crit. (BIC) | | | 8364.232 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
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**Logistic regression**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| region : base.. no~l | 1 | | . | . | | . | . | | . | |  |
| 2. north east | 1.093 | | .088 | 1.10 | | .269 | .933 | | 1.28 | |  |
| 3. north west | .685 | | .056 | -4.60 | | 0 | .583 | | .805 | | \*\*\* |
| 4. south east | .745 | | .086 | -2.55 | | .011 | .593 | | .934 | | \*\* |
| 5. south south | .485 | | .061 | -5.71 | | 0 | .378 | | .621 | | \*\*\* |
| 6. south west | .872 | | .115 | -1.04 | | .299 | .673 | | 1.129 | |  |
| Constant | .559 | | .038 | -8.67 | | 0 | .49 | | .638 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.011 | | | Number of obs | | | 6713 | |
| Chi-square | | 90.225 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8340.896 | | | Bayesian crit. (BIC) | | | 8381.766 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
|  | | | | | | | | | | | |

**ADJUSTED LOGISTIC REGRESSION**

**Logistic regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no\_treatment | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| highest educa.. no~n | 1 | | . | . | | . | . | | . | |  |
| 1. primary | .848 | | .077 | -1.81 | | .071 | .709 | | 1.014 | | \* |
| 2. secondary | .881 | | .09 | -1.24 | | .214 | .72 | | 1.076 | |  |
| 3. higher | .789 | | .144 | -1.30 | | .195 | .552 | | 1.129 | |  |
| RECODE of v70.. no~n | 1 | | . | . | | . | . | | . | |  |
| 1. primary | .79 | | .07 | -2.66 | | .008 | .663 | | .94 | | \*\*\* |
| 2. secondary | .745 | | .062 | -3.55 | | 0 | .633 | | .876 | | \*\*\* |
| 3. higher | .586 | | .07 | -4.49 | | 0 | .464 | | .74 | | \*\*\* |
| respondent cu.. no | 1 | | . | . | | . | . | | . | |  |
| 1. yes | .841 | | .053 | -2.77 | | .006 | .744 | | .951 | | \*\*\* |
| RECODE of v13.. ch~n | 1 | | . | . | | . | . | | . | |  |
| 2. islam | .722 | | .069 | -3.41 | | .001 | .599 | | .871 | | \*\*\* |
| 3. others | .735 | | .323 | -0.70 | | .483 | .311 | | 1.738 | |  |
| RECODE of v19.. poor | 1 | | . | . | | . | . | | . | |  |
| 2. middle | .921 | | .072 | -1.05 | | .292 | .79 | | 1.073 | |  |
| 3. rich | .762 | | .076 | -2.71 | | .007 | .626 | | .928 | | \*\*\* |
| RECODE of v13.. On~o | 1 | | . | . | | . | . | | . | |  |
| 2. Three-Four | 1.042 | | .067 | 0.63 | | .526 | .918 | | 1.181 | |  |
| 3. Five and above | 1.097 | | .127 | 0.80 | | .423 | .874 | | 1.377 | |  |
| RECODE of med.. no~e | 1 | | . | . | | . | . | | . | |  |
| 1. poor exposure | .835 | | .053 | -2.81 | | .005 | .737 | | .947 | | \*\*\* |
| 2. good exposure | .631 | | .07 | -4.13 | | 0 | .507 | | .785 | | \*\*\* |
| RECODE of no\_.. hi~d | 1 | | . | . | | . | . | | . | |  |
| 2. fairly empowered | .977 | | .169 | -0.13 | | .893 | .696 | | 1.371 | |  |
| 3. poorly empowered | 1.022 | | .182 | 0.12 | | .902 | .721 | | 1.449 | |  |
| 4. not empowered | 1.341 | | .254 | 1.55 | | .12 | .926 | | 1.943 | |  |
| RECODE of no\_empow~ | 1 | | . | . | | . | . | | . | |  |
| 1o | 1 | | . | . | | . | . | | . | |  |
| type of place.. ur~n | 1 | | . | . | | . | . | | . | |  |
| 2. rural | 1.136 | | .087 | 1.67 | | .095 | .978 | | 1.321 | | \* |
| region : base.. no~l | 1 | | . | . | | . | . | | . | |  |
| 2. north east | .883 | | .078 | -1.41 | | .159 | .742 | | 1.05 | |  |
| 3. north west | .552 | | .051 | -6.38 | | 0 | .46 | | .663 | | \*\*\* |
| 4. south east | .997 | | .135 | -0.03 | | .979 | .765 | | 1.299 | |  |
| 5. south south | .626 | | .088 | -3.34 | | .001 | .476 | | .824 | | \*\*\* |
| 6. south west | 1.389 | | .198 | 2.31 | | .021 | 1.05 | | 1.836 | | \*\* |
| Constant | 1.068 | | .241 | 0.29 | | .77 | .686 | | 1.664 | |  |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.320 | | | SD dependent var | | | 0.467 | |
| Pseudo r-squared | | 0.043 | | | Number of obs | | | 6713 | |
| Chi-square | | 361.547 | | | Prob > chi2 | | | 0.000 | |
| Akaike crit. (AIC) | | 8107.574 | | | Bayesian crit. (BIC) | | | 8277.869 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
|  | | | | | | | | | | | |