Table 1: Summary statistics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Mean | S.D | Minimum | Maximum |
| Has mental health issue | 0.31 | 0.46 | 0 | 1 |
| Has access to basic drinking services | 0.76 | 0.43 | 0 | 1 |
| Female | 0.55 | 0.5 | 0 | 1 |
| Age | 39.09 | 18.73 | 1 | 109 |
| Part of religious minority | 0.34 | 0.47 | 0 | 1 |
| Lives in rural area | 0.65 | 0.48 | 0 | 1 |
| Distance from drinking water sources (mins) | 15.64 | 18.02 | 0 | 240 |

*Note: number of observations is 9282.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 2: Model estimate results** | Dependent variable: | | | |
|  | Has mental health issue | Has mental health issue | Has access to basic water services | Has mental health issue |
|  | (1) | (2) | (3) | (4) |
|  |  |  |  |  |
| Distance from drinking water source (mins) |  |  | -0.010\*\*\* |  |
|  |  |  | (0.001) |  |
| Access to basic drinking water services | -0.134\*\*\* | -0.093\*\*\* |  | -0.221\*\*\* |
|  | (0.012) | (0.012) |  | (0.028) |
| Female |  | 0.086\*\*\* | 0.007 | 0.086\*\*\* |
|  |  | (0.009) | (0.008) | (0.009) |
| Age |  | 0.004\*\*\* | -0.0002 | 0.004\*\*\* |
|  |  | (0.0002) | (0.0002) | (0.0003) |
| Part of religious minority |  | 0.099\*\*\* | -0.039\*\*\* | 0.083\*\*\* |
|  |  | (0.010) | (0.009) | (0.011) |
| Lives in rural area |  | 0.074\*\*\* | -0.140\*\*\* | 0.044\*\*\* |
|  |  | (0.010) | (0.008) | (0.012) |
| Intercept | 0.409\*\*\* | 0.100\*\*\* | 1.031\*\*\* | 0.220\*\*\* |
|  | (0.010) | (0.017) | (0.011) | (0.029) |
|  |  |  |  |  |
| Observations | 9,282 | 9,282 | 9,282 | 9,282 |
| F Statistic | 145.179\*\*\* | 130.714\*\*\* | 672.072\*\*\* |  |

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

**Table 3: Impact of different water definitions on causal relationship**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Dependent variable: | | | | |
|  | Has mental health issue | | | | |
|  | (5) | (6) | (7) | (8) | (9) |
|  |  |  |  |  |  |
| Has “no” water access | 0.531\*\*\* |  |  |  |  |
|  | (0.083) |  |  |  |  |
| Has “unimproved” water access |  | -18.859 |  |  |  |
|  |  | (12.423) |  |  |  |
| Has “limited” water access |  |  | 0.367\*\*\* |  |  |
|  |  |  | (0.044) |  |  |
| Has “basic” water access |  |  |  | -0.221\*\*\* |  |
|  |  |  |  | (0.028) |  |
| Has “safely managed” water access |  |  |  |  | -0.537\*\*\* |
|  |  |  |  |  | (0.073) |
| Female | 0.090\*\*\* | 0.116\* | 0.084\*\*\* | 0.086\*\*\* | 0.088\*\*\* |
|  | (0.010) | (0.067) | (0.009) | (0.009) | (0.010) |
| Age | 0.004\*\*\* | 0.006\*\* | 0.004\*\*\* | 0.004\*\*\* | 0.004\*\*\* |
|  | (0.0003) | (0.003) | (0.0003) | (0.0003) | (0.0003) |
| Part of religious minority | 0.077\*\*\* | 0.301\*\* | 0.092\*\*\* | 0.083\*\*\* | 0.099\*\*\* |
|  | (0.012) | (0.126) | (0.011) | (0.011) | (0.011) |
| Lives in rural area | -0.003 | 0.736\* | 0.083\*\*\* | 0.044\*\*\* | -0.041\* |
|  | (0.018) | (0.424) | (0.010) | (0.012) | (0.021) |
| Intercept | 0.001 | -0.069 | 0.006 | 0.220\*\*\* | 0.166\*\*\* |
|  | (0.013) | (0.101) | (0.012) | (0.029) | (0.025) |
|  |  |  |  |  |  |
| Observations | 9,282 | 9,282 | 9,282 | 9,282 | 9,282 |
| R2 | -0.068 | -44.181 | 0.056 | 0.053 | -0.015 |
| Adjusted R2 | -0.069 | -44.205 | 0.055 | 0.053 | -0.016 |
| Residual Std. Error (df = 9276) | 0.477 | 3.104 | 0.449 | 0.449 | 0.465 |

Note: terms in quotation marks correspond with UNICEF water access definitions (defined in appendix). \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

**Table 3: Impact of different water definitions on causal relationship**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Dependent variable: | | | | |
|  | Has mental health issue | | | | |
|  | (5) | (6) | (7) | (8) | (9) |
|  |  |  |  |  |  |
| Has “no” water access | 0.531\*\*\* |  |  |  |  |
|  | (0.083) |  |  |  |  |
| Has “unimproved” water access |  | -18.859 |  |  |  |
|  |  | (12.423) |  |  |  |
| Has “limited” water access |  |  | 0.367\*\*\* |  |  |
|  |  |  | (0.044) |  |  |
| Has “basic” water access |  |  |  | -0.221\*\*\* |  |
|  |  |  |  | (0.028) |  |
| Has “safely managed” water access |  |  |  |  | -0.537\*\*\* |
|  |  |  |  |  | (0.073) |
|  |  |  |  |  |  |
| Observations | 9,282 | 9,282 | 9,282 | 9,282 | 9,282 |
| R2 | -0.068 | -44.181 | 0.056 | 0.053 | -0.015 |
| Adjusted R2 | -0.069 | -44.205 | 0.055 | 0.053 | -0.016 |
| Residual Std. Error (df = 9276) | 0.477 | 3.104 | 0.449 | 0.449 | 0.465 |

Note: terms in quotation marks correspond with UNICEF water access definitions (defined in appendix). \*p<0.1; \*\*p<0.05; \*\*\*p<0.01