**The table below relates to a manuscript the author is publishing titled GENDER EQUALITY AND HIRING PROCESS IN OIL MINING COMPANIES; A CASE OF LOKICHAR IN TURKANA, KENYA. It is a Tylor and Francis journal; African Studies. The table relates to one chi square testing;** the null hypothesis testing on whether there is no relationship between equal hiring and equal opportunity for men and women to work in mining activities. Chi square test of independence was used to test the hypothesis.

**Table 1.7 Cross-Tabulation and Chi Square Test for Gender and Equal Opportunity for Locals**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **What gender is the respondent? \* Are men and women given equal opportunity to work in mining activities Cross tabulation** | | | | | |
|  | | | Are men and women given equal opportunity to work in mining activities | | Total |
| Equal opportunity | Unequal opportunity |
| What gender is the respondent? | Male | Count | 31 | 111 | 142 |
| Expected Count | 24.3 | 117.7 | 142.0 |
| Female | Count | 18 | 126 | 144 |
| Expected Count | 24.7 | 119.3 | 144.0 |
| Total | | Count | 49 | 237 | 286 |
| Expected Count | 49.0 | 237.0 | 286.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | Df | Asymptotic Significance  (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 4.385a | 1 | 0.036 |  |  |
| Continuity Correctionb | 3.752 | 1 | 0.053 |  |  |
| Likelihood Ratio | 4.427 | 1 | 0.035 |  |  |
| Fisher's Exact Test |  |  |  | 0.042 | 0.026 |
| Linear-by-Linear Association | 4.369 | 1 | 0.037 |  |  |
| N of Valid Cases | 286 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 24.33. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Symmetric Measures** | | | |
|  | | Value | Approximate Significance |
| Nominal by Nominal | Phi | 0.124 | 0.036 |
| Cramer's V | 0.124 | 0.036 |
| N of Valid Cases | | 286 |  |