Table : Poisson Regression by Location

Stratified analysis of menstrual management factors on school/work absences

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Rural** | | | **Urban** | | |
| **Predictor** | **Coef.** | **IRR1** | **p2** | **Coef.** | **IRR1** | **p2** |
| (Intercept) | -0.843 | 0.43 | **<0.001\*\*\*** | -0.251 | 0.78 | 0.274 |
| Felt safe when changing menstrual materials (No) | 0.778 | 2.18 | **0.006\*\*** | -14.738 | 0.00 | 0.994 |
| Changed materials at clean place (No) | -0.364 | 0.70 | 0.291 | 0.024 | 1.02 | 0.960 |
| Able to wash menstrual materials when needed (No) | 0.800 | 2.23 | **0.002\*\*** | -0.167 | 0.85 | 0.608 |
| Able to choose menstrual material I wanted (Sometimes) | 0.401 | 1.49 | 0.195 | 1.264 | 3.54 | **<0.001\*\*\*** |
| Able to choose menstrual material I wanted (Never) | 0.854 | 2.35 | **0.004\*\*** | 0.718 | 2.05 | **0.045\*** |
| Able to choose menstrual material I wanted (Often) | 0.877 | 2.40 | 0.064 | 0.251 | 1.29 | 0.806 |
| Had enough menstrual materials to change (Sometimes) | -0.166 | 0.85 | 0.656 | 0.498 | 1.65 | 0.173 |
| Had enough menstrual materials to change (Often) | 0.308 | 1.36 | 0.311 | 0.109 | 1.12 | 0.756 |
| Had enough menstrual materials to change (Never) | 0.999 | 2.72 | **0.007\*\*** | -15.884 | 0.00 | 0.994 |
| Able to wash hands when nedeed (Often) | -1.487 | 0.23 | **0.006\*\*** | -1.170 | 0.31 | 0.059 |
| Able to wash hands when nedeed (Sometimes) | -1.062 | 0.35 | **0.042\*** | NA | NA | NA |
| Able to wash hands when nedeed (Never) | -13.861 | 0.00 | 0.986 | NA | NA | NA |
| Able to dispose in a way I neded (Sometimes) | -0.753 | 0.47 | 0.081 | NA | NA | NA |
| Able to dispose in a way I neded (Often) | -0.481 | 0.62 | 0.430 | NA | NA | NA |
| Able to dispose in a way I neded (Never) | 0.059 | 1.06 | 0.910 | NA | NA | NA |
| *1*IRR = Incidence Rate Ratio (exponentiated coefficient)  *2*Significance levels: \*\*\* p < 0.001, \*\* p < 0.01, \* p < 0.05; p-values < 0.001 shown as <0.001 | | | | | | |