Table : Poisson Regression of Menstrual Management on School Absences

Outcome: Number of days missed during last menstrual period

| Predictor | Coefficient (log) | SE | z-value | IRR*1* | p-value*2* |
| --- | --- | --- | --- | --- | --- |
| (Intercept) | -0.511 | 0.156 | -3.282 | 0.60 | 0.001\*\* |
| during\_your\_last\_men\_menstrual\_materialsNo | 0.375 | 0.239 | 1.573 | 1.46 | 0.116 |
| during\_your\_last\_men\_home\_or\_school\_cleanNo | -0.195 | 0.262 | -0.745 | 0.82 | 0.456 |
| during\_your\_last\_men\_enever\_you\_wanted\_toNo | 0.398 | 0.187 | 2.123 | 1.49 | 0.034\* |
| i\_was\_able\_to\_choose\_l\_most\_wanted\_to\_useSometimes | 0.725 | 0.214 | 3.390 | 2.07 | <0.001\*\*\* |
| i\_was\_able\_to\_choose\_l\_most\_wanted\_to\_useNever | 0.699 | 0.207 | 3.375 | 2.01 | <0.001\*\*\* |
| i\_was\_able\_to\_choose\_l\_most\_wanted\_to\_useOften | 0.738 | 0.402 | 1.836 | 2.09 | 0.066 |
| i\_had\_enough\_of\_my\_m\_often\_as\_l\_wanted\_toSometimes | 0.140 | 0.257 | 0.544 | 1.15 | 0.587 |
| i\_had\_enough\_of\_my\_m\_often\_as\_l\_wanted\_toNever | 0.404 | 0.211 | 1.920 | 1.50 | 0.055 |
| i\_had\_enough\_of\_my\_m\_often\_as\_l\_wanted\_toOften | 0.487 | 0.348 | 1.400 | 1.63 | 0.162 |
| i\_was\_able\_to\_wash\_m\_nds\_when\_l\_wanted\_toOften | -1.535 | 0.397 | -3.868 | 0.22 | <0.001\*\*\* |
| i\_was\_able\_to\_wash\_m\_nds\_when\_l\_wanted\_toSometimes | -0.625 | 0.404 | -1.546 | 0.54 | 0.122 |
| i\_was\_able\_to\_wash\_m\_nds\_when\_l\_wanted\_toNever | -14.517 | 773.784 | -0.019 | 0.00 | 0.985 |
| i\_was\_able\_to\_dispos\_way\_that\_l\_wanted\_toSometimes | -1.038 | 0.402 | -2.582 | 0.35 | 0.010\*\* |
| i\_was\_able\_to\_dispos\_way\_that\_l\_wanted\_toOften | -0.576 | 0.596 | -0.966 | 0.56 | 0.334 |
| i\_was\_able\_to\_dispos\_way\_that\_l\_wanted\_toNever | -0.274 | 0.483 | -0.568 | 0.76 | 0.570 |
| *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 | | | | | |

So im trying to find the correlation so that I answer this obejctive: d) To assess the impact of menstrual hygiene management interventions on psychosocial outcomes in women and girls in Blantyre. My dependent variables are multiple and they are factors. My pychosocial variables are also multiple and are factors. What kind of inferential statistic is more appropriate here?