Table 1: Factors associated with CFR of Dengue using generalized linear mixed model

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| --- | --- | --- | --- |
| **Variables** | **IRR** | **95% CI** | **P-value** |
| PM2.5 | 1.94 | 1.60 - 2.37 | <0.001 \*\*\* |
| Total Rainfall | 0.86 | 0.70 - 1.06 | 0.171 |
| Average Temperature | 1.13 | 0.92 - 1.38 | 0.236 |
| Urban Population (%) | 1.15 | 0.90 - 1.46 | 0.258 |
| Population Density | 0.97 | 0.81 - 1.18 | 0.792 |
| Diabetes (%) | 1.06 | 0.89 - 1.27 | 0.505 |
| Hypertension (%) | 1.03 | 0.84 - 1.27 | 0.744 |
| GDP ($) | 0.65 | 0.55 - 0.78 | <0.001 \*\*\* |
|  |  |  |  |
| **AIC** | 244.66 | **RMSE** | 0.73 |
| **BIC** | 275.92 | **R2 (%)** | 46.50 |

*Note. RR = relative risk; CI = confidence interval.*

*\*p < 0.1. \*\*p < .05. \*\*\*p < .01.*