Summary of GLM

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| --- | --- | --- | --- | --- | --- |
| Predictor | Descroption | Coefficient | 95% CI | Inclusion | BF |
| ruralPop (Origin) | Rural Population (%) | 0.41 | -1.66, 2.26 | 0.35 | 19.13 |
| popSize (Origin) | Resident Population (10, 000 persons) | 0.12 | -3.59, 2.18 | 0.21 | 9.24 |
| Humidity (Origin) | Average Relative Humidity of Major Cities (%) | 0.46 | -3.11, 3.59 | 0.18 | 7.60 |
| poultrySales (Origin) | Sales of Poultry Per Capita Rural Household (kg) | 0.29 | -2.80, 3.13 | 0.13 | 5.43 |
| WaterResources (Origin) | Surface Water Resources (100 million cu.m) | -0.06 | -4.59, 3.73 | 0.10 | 3.77 |

Predictors included in the model with Bayes factor > 3.

Mean coefficient.

95% highest posterior density credible interval (CI).

Probability that the predictor was included in the model.

BF, Bayes factor.