| **Component** | **Term** | **Estimate** | **Std Error** | **t-value** | **p-value** |  |
| --- | --- | --- | --- | --- | --- | --- |
| A. parametric coefficients | (Intercept) | 0.031 | 0.069 | 0.447 | 0.6552 |  |
| **Component** | **Term** | **edf** | **Ref. df** | **F-value** | **p-value** |  |
| B. smooth terms | s(lat) | 4.414 | 4.430 | 8.421 | 0.0000 | \*\*\* |
| s(period) | 10.749 | 11.000 | 298.148 | 0.0000 | \*\*\* |
| s(lat):period1000 | 7.181 | 8.000 | 95.888 | 0.0000 | \*\*\* |
| s(lat):period2000 | 5.831 | 8.000 | 7.510 | 0.0009 | \*\*\* |
| s(lat):period3000 | 5.803 | 8.000 | 5.604 | 0.0020 | \*\* |
| s(lat):period4000 | 6.758 | 8.000 | 9.346 | 0.0014 | \*\* |
| s(lat):period5000 | 0.005 | 8.000 | 0.001 | 0.3647 |  |
| s(lat):period6000 | 0.005 | 8.000 | 0.000 | 0.6112 |  |
| s(lat):period7000 | 3.974 | 8.000 | 2.271 | 0.0224 | \* |
| s(lat):period8000 | 6.136 | 8.000 | 16.485 | 0.0000 | \*\*\* |
| s(lat):period9000 | 1.165 | 8.000 | 0.353 | 0.1543 |  |
| s(lat):period10000 | 6.306 | 8.000 | 15.854 | 0.0000 | \*\*\* |
| s(lat):period11000 | 7.233 | 8.000 | 54.887 | 0.0000 | \*\*\* |
| s(lat):period12000 | 7.809 | 8.000 | 311.594 | 0.0000 | \*\*\* |
| s(dataset\_id) | 305.937 | 312.000 | 186.791 | 0.0000 | \*\*\* |
| Signif. codes: 0 <= '\*\*\*' < 0.001 < '\*\*' < 0.01 < '\*' < 0.05 | | | | | | |
|  | | | | | | |
| Adjusted R-squared: 0.822, Deviance explained 0.826 | | | | | | |
| -REML : 13904.323, Scale est: 0.336, N: 14898 | | | | | | |