| **Component** | **Term** | **Estimate** | **Std Error** | **t-value** | **p-value** |  |
| --- | --- | --- | --- | --- | --- | --- |
| A. parametric coefficients | (Intercept) | -0.458 | 0.126 | -3.625 | 0.0003 | \*\*\* |
| **Component** | **Term** | **edf** | **Ref. df** | **F-value** | **p-value** |  |
| B. smooth terms | s(lat) | 3.795 | 3.825 | 15.976 | 0.0000 | \*\*\* |
| s(period) | 10.969 | 11.000 | 1,078.062 | 0.0000 | \*\*\* |
| s(lat):period1000 | 7.739 | 8.000 | 155.332 | 0.0000 | \*\*\* |
| s(lat):period2000 | 7.390 | 8.000 | 20.958 | -0.0000 | \*\*\* |
| s(lat):period3000 | 6.029 | 8.000 | 7.885 | 0.0004 | \*\*\* |
| s(lat):period4000 | 6.399 | 8.000 | 10.708 | 0.0005 | \*\*\* |
| s(lat):period5000 | 0.650 | 8.000 | 0.118 | 0.2198 |  |
| s(lat):period6000 | 3.308 | 8.000 | 0.901 | 0.2202 |  |
| s(lat):period7000 | 0.029 | 8.000 | 0.003 | 0.3696 |  |
| s(lat):period8000 | 4.789 | 8.000 | 3.389 | 0.0015 | \*\* |
| s(lat):period9000 | 7.445 | 8.000 | 28.824 | 0.0000 | \*\*\* |
| s(lat):period10000 | 7.335 | 8.000 | 61.890 | 0.0000 | \*\*\* |
| s(lat):period11000 | 7.189 | 8.000 | 43.482 | 0.0000 | \*\*\* |
| s(lat):period12000 | 7.551 | 8.000 | 129.786 | 0.0000 | \*\*\* |
| s(dataset\_id) | 143.710 | 149.000 | 77.782 | 0.0000 | \*\*\* |
| Signif. codes: 0 <= '\*\*\*' < 0.001 < '\*\*' < 0.01 < '\*' < 0.05 | | | | | | |
|  | | | | | | |
| Adjusted R-squared: 0.637, Deviance explained 0.644 | | | | | | |
| -REML : 12211.238, Scale est: 0.398, N: 12250 | | | | | | |