## Table S2

| **Component** | **Term** | **Estimate** | **Std Error** | **t-value** | **p-value** |
| --- | --- | --- | --- | --- | --- |
| A. parametric coefficients | (Intercept) | -2.368 | 0.018 | -133.626 | \*\*\* |
| **Component** | **Term** | **edf** | **Ref. df** | **F-value** | **p-value** |
| B. smooth terms | s(Year):TypeMorphology | 8.999 | 9.000 | 504.202 | \*\*\* |
| s(Year):TypeEcology & Behavior | 5.757 | 6.860 | 36.641 | \*\*\* |
| s(Year):TypeGeography | 7.931 | 8.375 | 153.871 | \*\*\* |
| s(Year):TypePeople | 8.366 | 8.748 | 68.699 | \*\*\* |
| s(Year):TypeModern & Past Culture | 8.877 | 8.994 | 58.697 | \*\*\* |
| s(Year):TypeOthers | 8.749 | 8.975 | 16.312 | \*\*\* |
| s(Year):ContinentEurope | 0.000 | 0.001 | 0.064 |  |
| s(Year):ContinentAfrica | 1.000 | 1.001 | 0.159 |  |
| s(Year):ContinentAmericas | 1.000 | 1.000 | 0.127 |  |
| s(Year):ContinentAsia | 1.000 | 1.000 | 0.002 |  |
| s(Year):ContinentOceania | 1.000 | 1.000 | 0.093 |  |
| Signif. codes: 0 <= '\*\*\*' < 0.001 < '\*\*' < 0.01 < '\*' < 0.05 < '.' < 0.1 < '' < 1 | | | | | |
|  | | | | | |
| Adjusted R-squared: 0.715, Deviance explained 0.568 | | | | | |
| GCV : 3.323, Scale est: 2.294, N: 6372 | | | | | |