Supplementary Table 1 Selection of GAMLSS model△\*.

|  |  |  |
| --- | --- | --- |
| Distribution | Deviance | SBC |
| BCPE | 137084.6 | 137320.2 |
| BCT | 137161.6 | 137397.1 |
| BCTo | 137035.5 | 137235.7 |
| BCCG | 137249.3 | 137425.9 |
| BCCGo | 137095.2 | 137271.9 |
| BCPEo | 136931.5 | 137167 |

△Abbreviation: BCCGo, Box-Cox Cole-Green orig. ; BCPEo: Box-Cox power exponential distribution orig. ; BCTo: Box-Cox t orig. ; GAMLSS: Generalized Additive Models for Location, Scale and Shape;.

\* Model selection was according to the Akaike information criterion (AIC) and the Bayesian information criterion (BIC) or Schwarz Bayesian criterion (SBC).