# **Table S2.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Clock Model** | **Coalescent**  | **ESS** | **AICM**  | **Path Sampling (PS)** | **Steping Stone (SS)** |
| SC | Const | 8240.25  | 2894.02  | -1515.67  | -1515.79  |
| SC | Exp | 7779.06  | 2893.60  | -1515.27  | -1515.21  |
| SC | Log | 7986.82  | 2892.94  | -1517.89  | -1517.91  |
| SC | BSP | 7099.31  | 2891.69  | -1518.16  | -1517.89  |
| UCDE | Const | 7434.53  | 2887.27  | -1515.69  | -1515.58  |
| UCDE | Exp | 7973.97  | 2890.19  | -1515.30  | -1515.33  |
| UCDE | Log | 8130.80  | 2888.36  | -1518.44  | -1518.41  |
| UCDE | BSP | 7394.11  | 2891.03  | -1517.88  | -1517.76  |
| UCDL | Const | 8148.69  | 2896.08  | -1515.82  | -1515.86  |
| **UCDL** | **Exp** | 7132.99  | 2897.22  | **-1514.87**  | **-1514.88**  |
| UCDL | Log | 8015.90  | 2896.25  | -1518.17  | -1518.10  |
| UCDL | BSP | 7492.63  | 2896.37  | -1515.91  | -1515.86  |