**Table S1.** Values of the model selection criteria AIC and BIC for a unimodal and bimodal distribution for 50%, 75% and 90% of the data.

|  |  |  |  |
| --- | --- | --- | --- |
| Percentage of the dataset (%) | Model selection criterion | Unimodal | Bimodal |
| 50 | AIC | -604 | -600 |
| BIC | 598 | 588 |
| 75 | AIC | -858 | -857 |
| BIC | 851 | 843 |
| 90 | AIC | -1032 | -1034 |
| BIC | 1025 | 1020 |