Introducing a state-of-the-art phylogenetic classification of the

Kikongo language cluster

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**Supplementary material**

# Results of the model testing to decide on the number of covarion categories to use

|  |  |
| --- | --- |
| Number of covarion categories | Stepping Stone log-likelihood |
| No covarion | -15690.6 |
| 2 | -15233.3 |
| 3 | -15200.6 |
| 4 | -15185.4 |
| 5 | -15188.2 |