

<https://doi.org/10.15302/J-LAF-0-020037>

Received Date | 2024-12-03 Accepted Date | 2025-04-26

Digital Clustering Method for Coastal Zone Scenes Based on Landscape Character Theory

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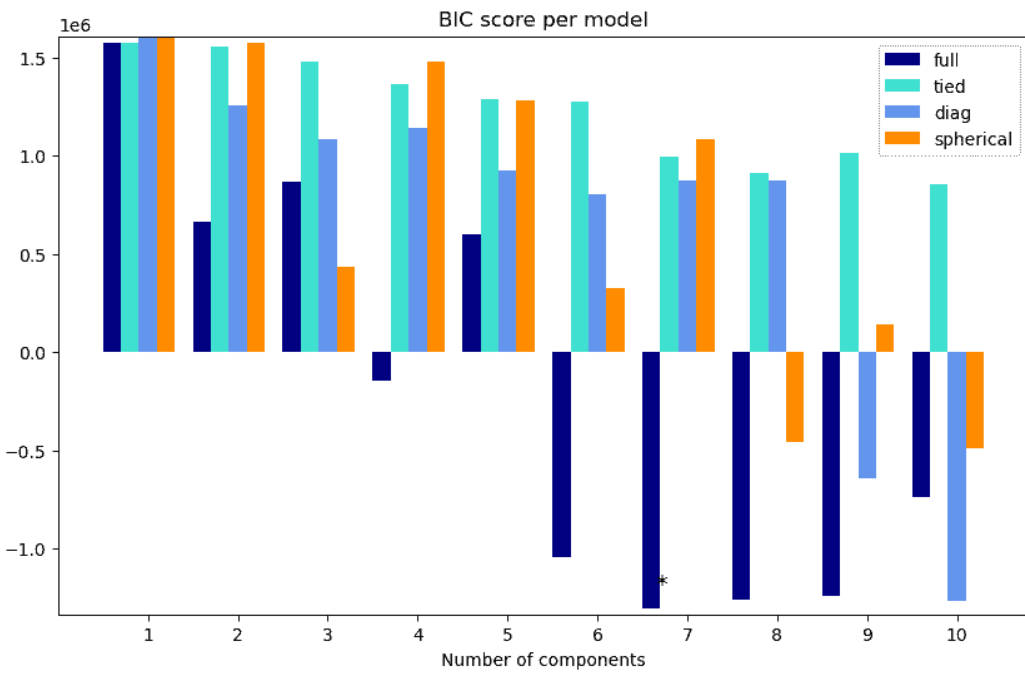
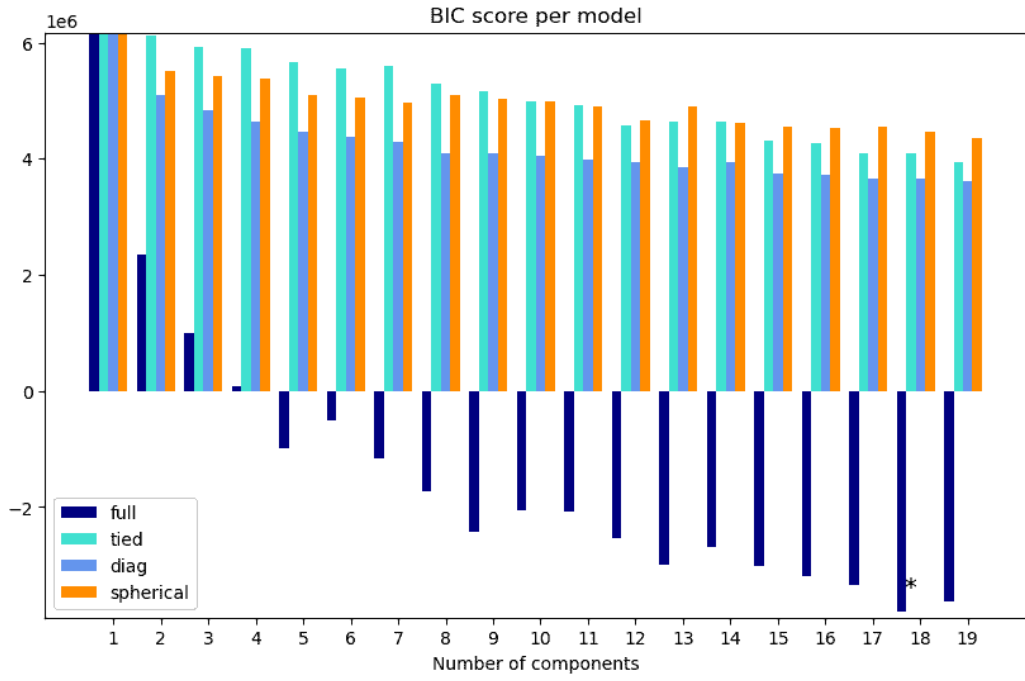
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EDITED BY Tina TIAN, Xidong MA

In this study, the BIC was used to determine the optimal parameters for GMM—a lower BIC score indicates better model fit. The optimal BIC score for land units occurred when the covariance type was “full” and the number of clusters was 18. For marine units, the optimal BIC score was reached when the covariance type was also “full” with 7 clusters.



Supplementary Fig. 1 BIC calculation results for land and marine units. © Zhe Li, Yinyin Cao, Bingyu Hou, Xiang Zhou