Phylogemetric: A Python library for calculating phylogenetic network metrics

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Summary

Phylogemetric is a Python library for calculating the $\delta$-score (Holland et al. 2002) and Q-Residual (Gray, Bryant, and Greenhill 2010) for phylogenetic data. These methods are used in studies of linguistic and cultural evolution to quantify reticulation in data.

This Python library provides a command-line script interface for use on Nexus-formatted data (D. R. Maddison, Swofford, and Maddison 1997), and an importable Python library for use on any binary matrix.

References


