

SUPPORTING INFORMATION

Standardizing fossil disparity metrics using sample coverage

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Fig. S1. Normalized raw, CR, and SQS disparity time series for echinoderms, ichthyosaurs, and ornithischian dinosaurs. Again, curves are plotted for WMPD (A-C) and SOV (D-F) metrics with 95% confidence intervals shaded. Coverage-standardized curves were generated using our coverage-standardized disparity algorithm for a quorum value of 0.7. Silhouette images are sourced from www.phylopic.org, courtesy of Michael Keeseey, Jagged Fang Designs, and Scott Hartman (CC0 1.0).

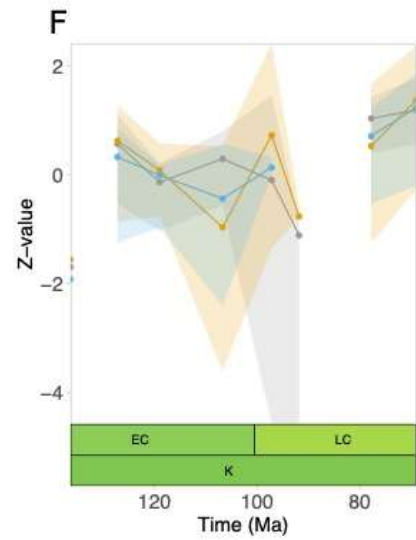
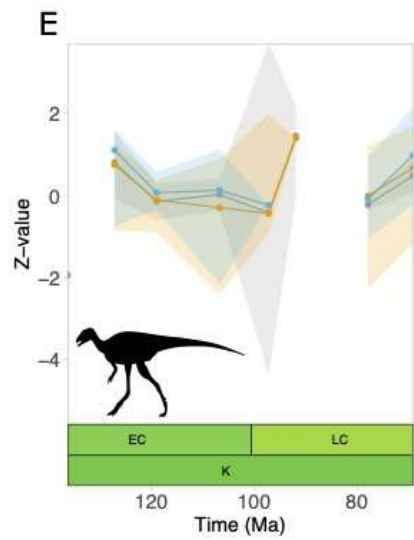
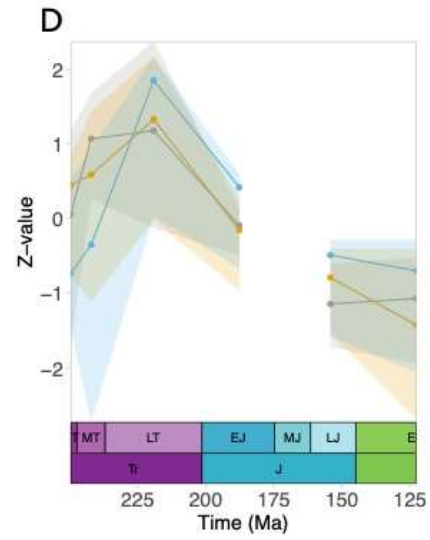
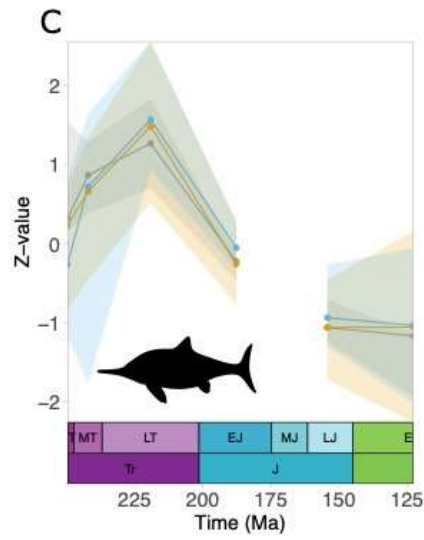
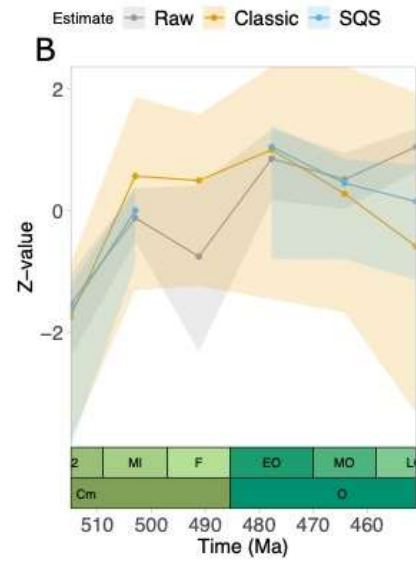
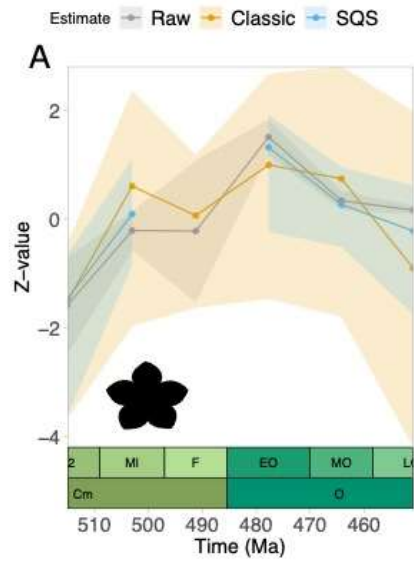


Fig. S2. Individual sample-size and coverage-based rarefaction curves for the echinoderm dataset, as measured by SOV.

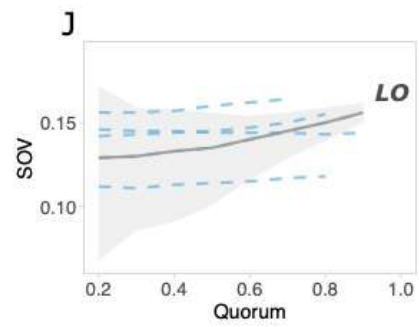
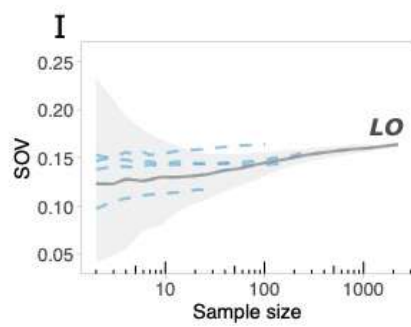
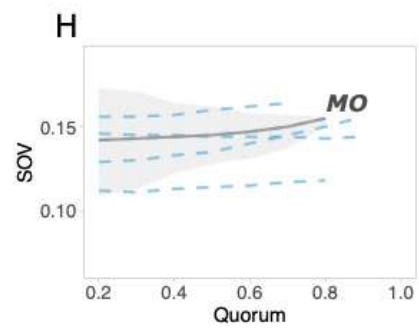
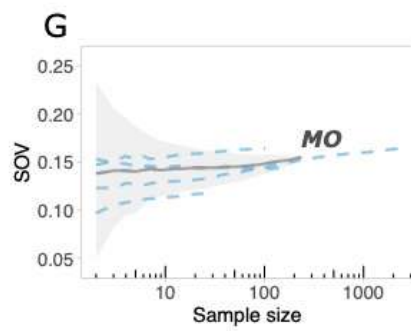
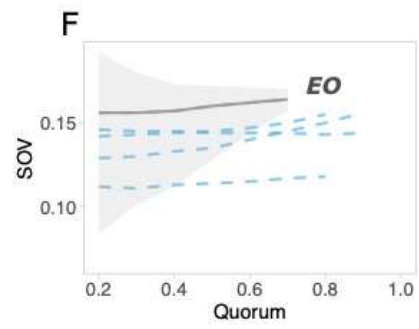
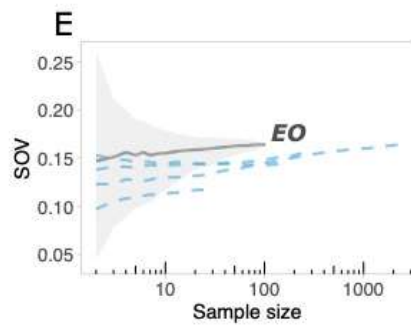
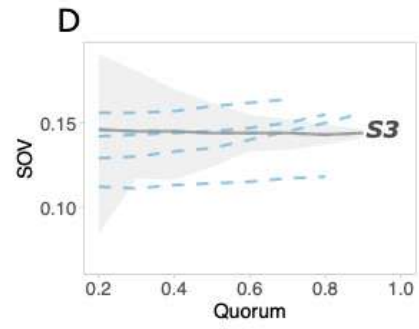
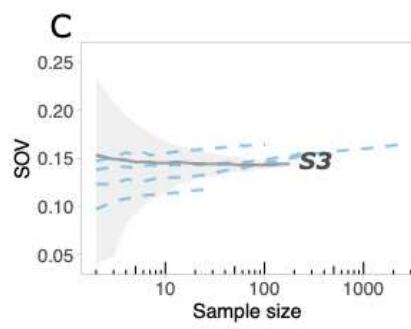
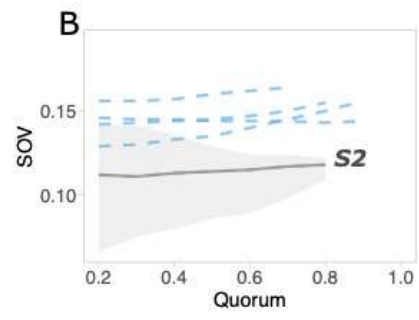
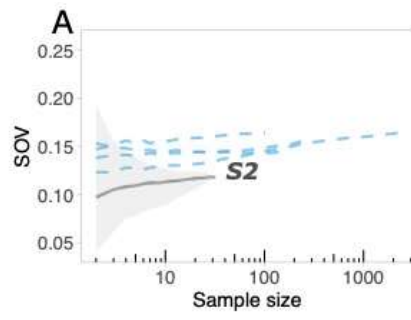


Fig. S3. Individual sample-size and coverage-based rarefaction curves for the echinoderm dataset, as measured by WMPD.

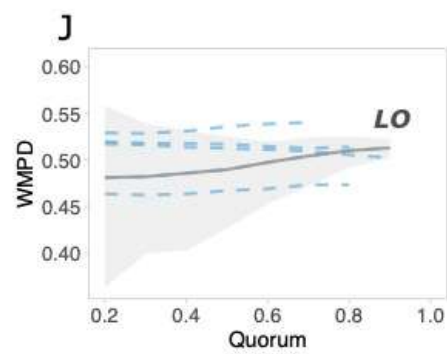
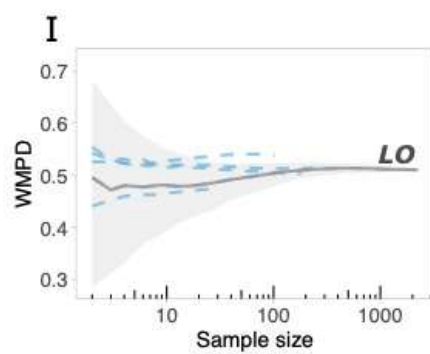
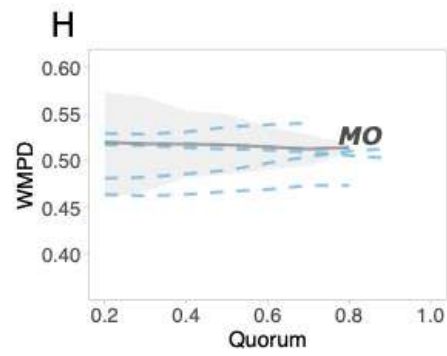
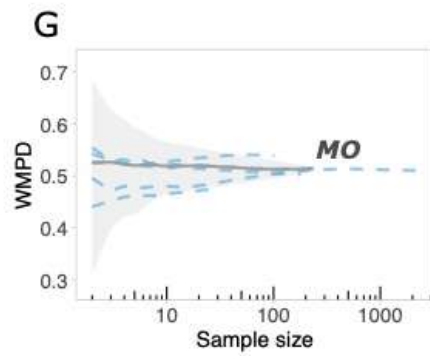
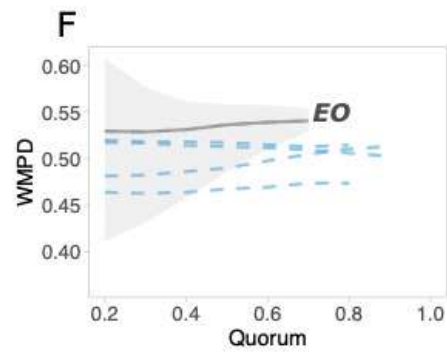
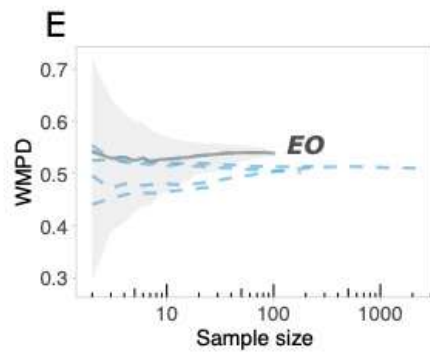
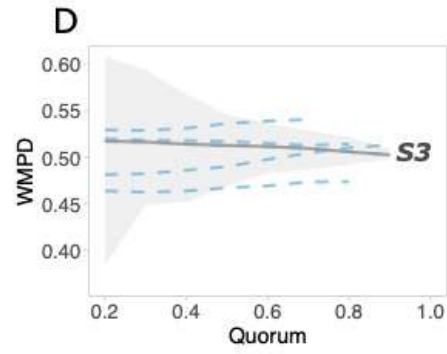
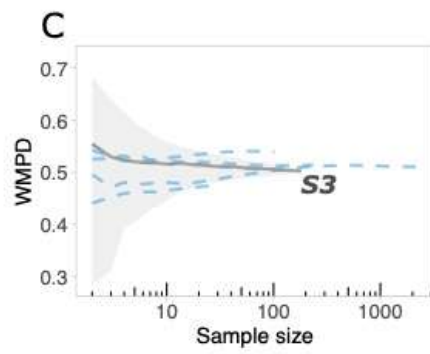
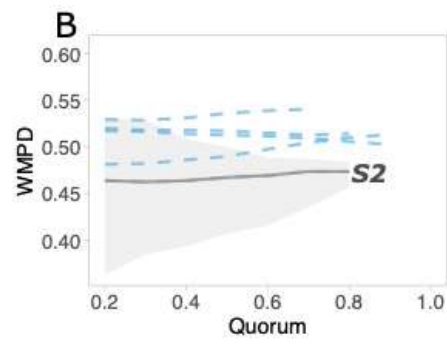
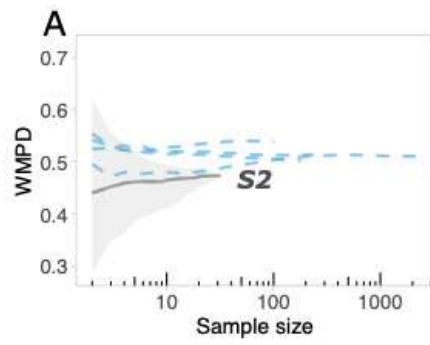


Fig. S4. Individual sample-size and coverage-based rarefaction curves for the ichthyosaur dataset, as measured by SOV.

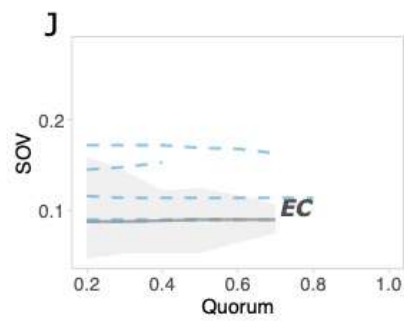
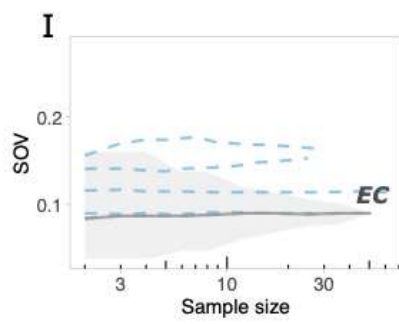
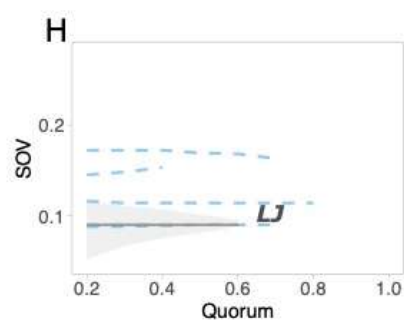
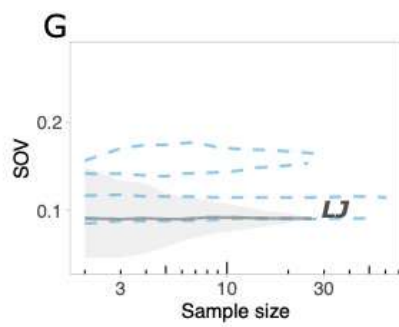
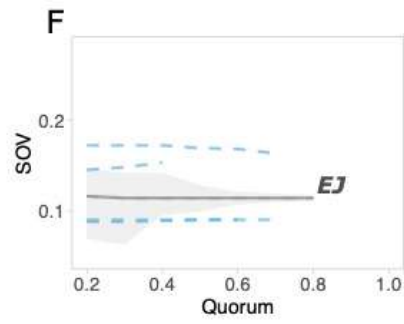
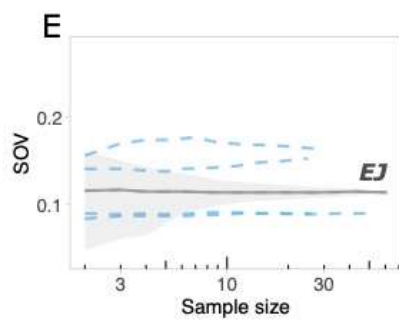
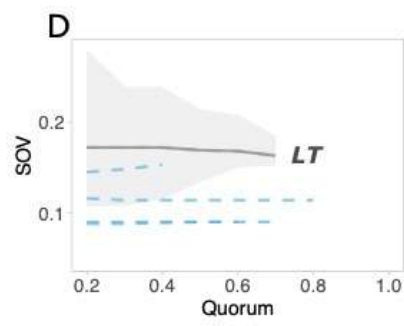
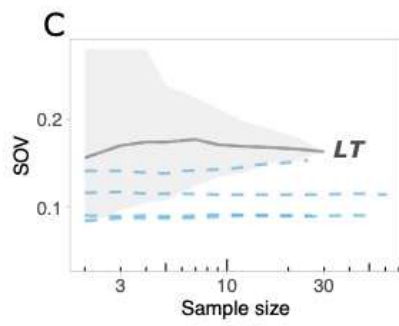
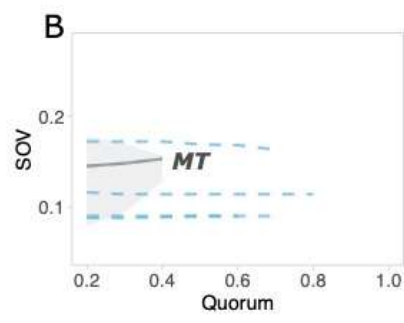
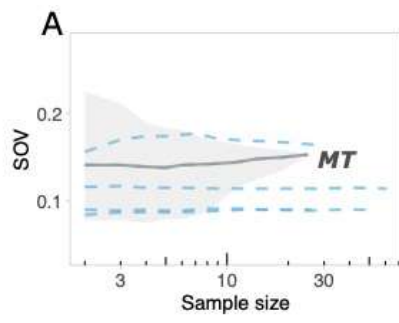


Fig. S5. Individual sample-size and coverage-based rarefaction curves for the ichthyosaur dataset, as measured by WMPD.

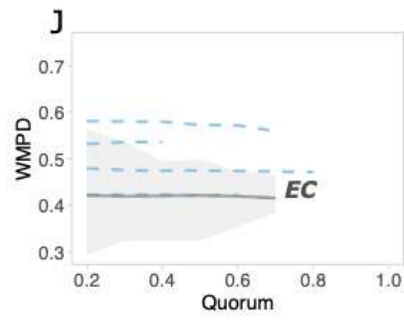
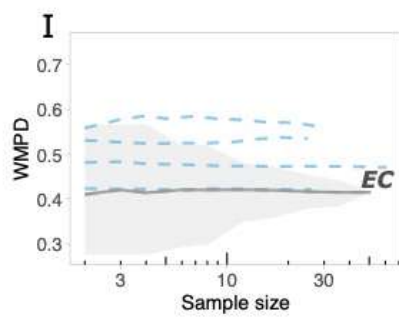
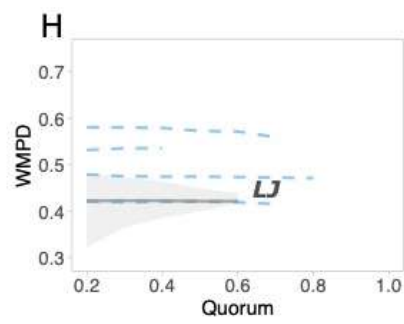
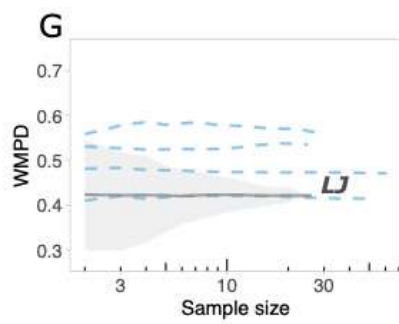
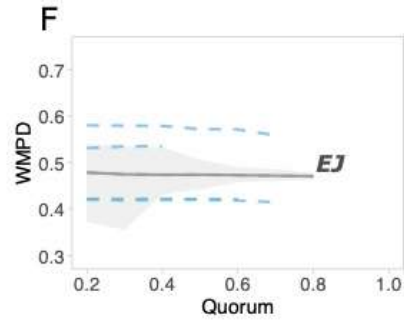
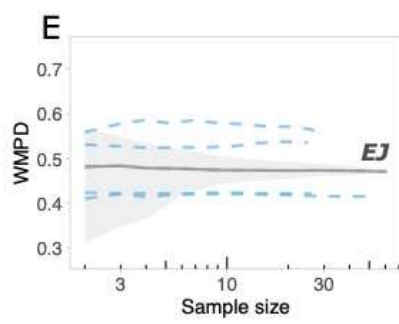
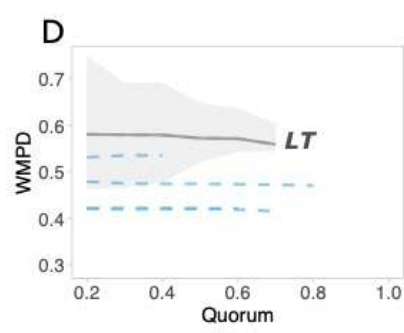
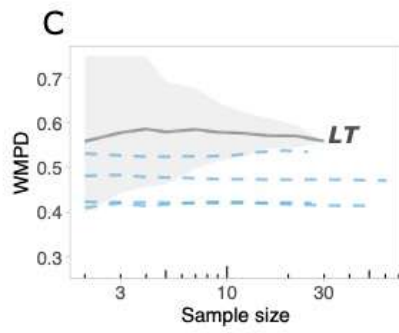
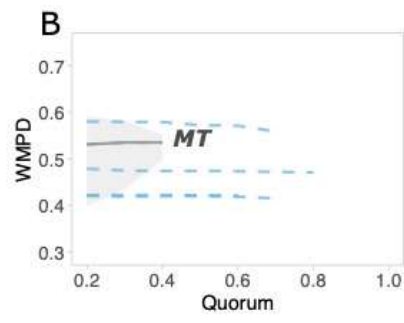
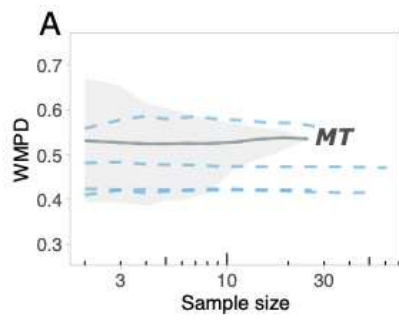


Fig. S6. Individual sample-size and coverage-based rarefaction curves for the ornithischian dinosaur dataset, as measured by SOV.

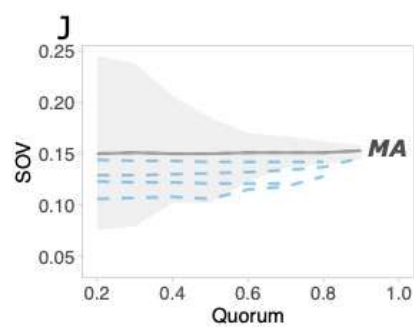
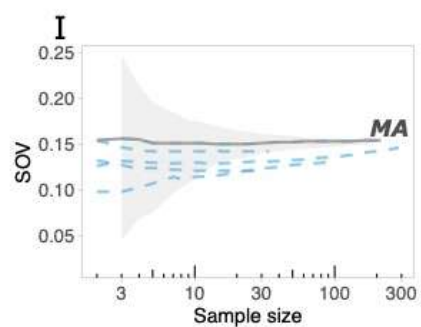
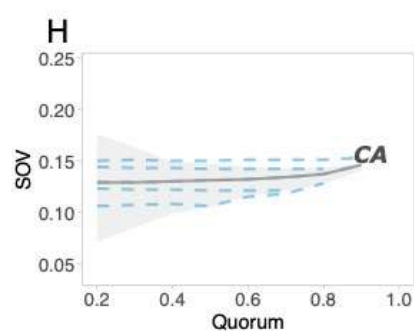
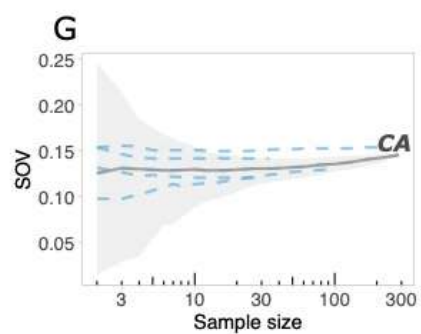
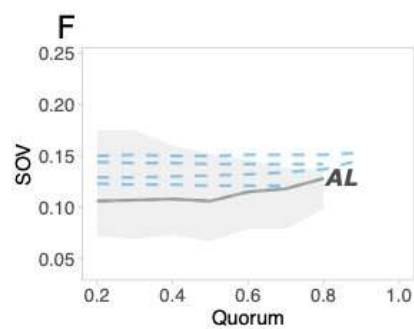
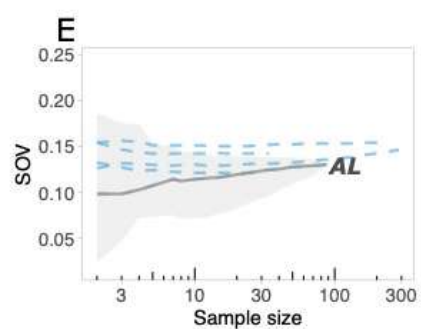
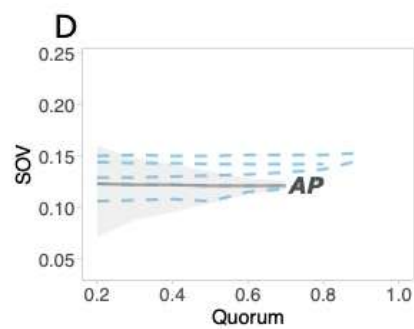
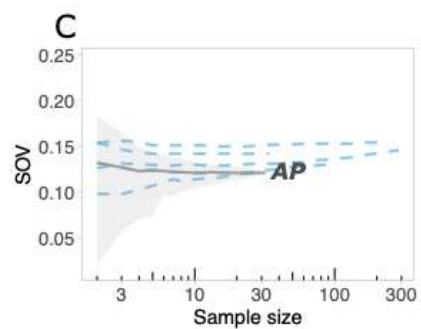
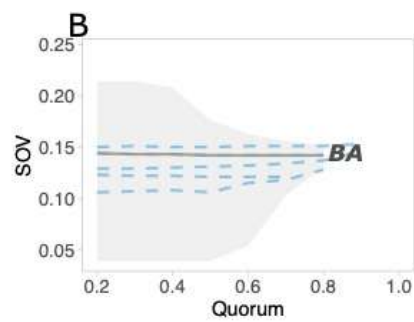
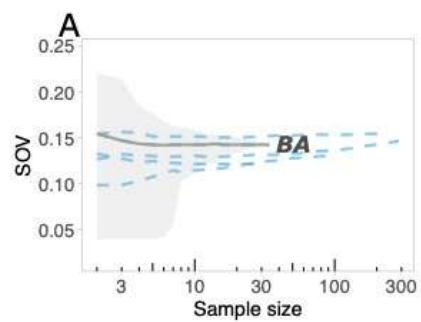


Fig. S7. Individual sample-size and coverage-based rarefaction curves for the ornithischian dinosaur dataset, as measured by WMPD.

