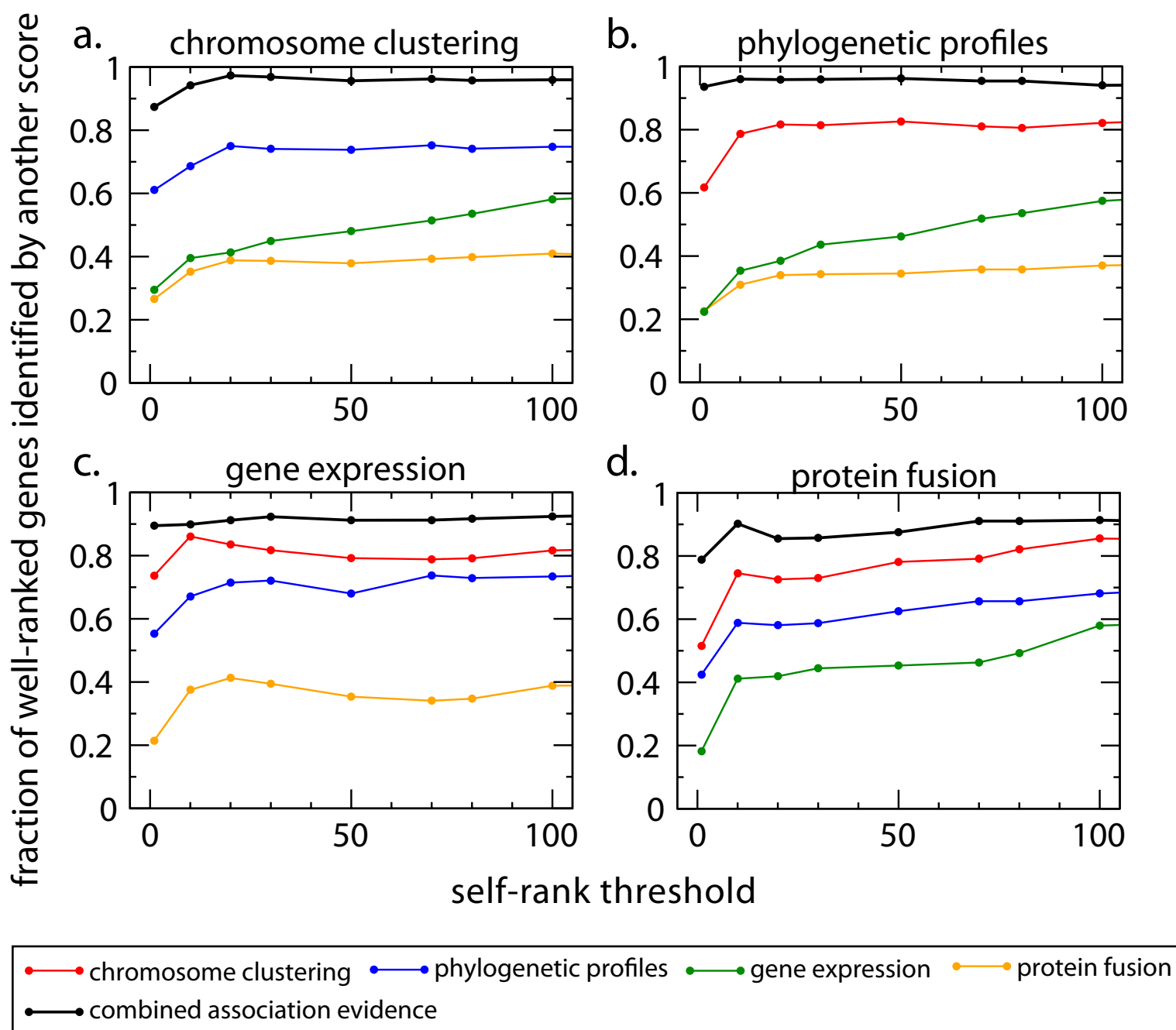




Overlap in predictions of different types of association evidence. **a.** Fraction of metabolic enzymes predicted based chromosome clustering association score that are also predicted based on other associating evidence: phylogenetic profiles (blue), gene expression (green) and protein fusion (orange). Fractions for different self-rank thresholds are shown. Analogous fractional prediction coverage overlap is shown for predictions based on **b.** phylogenetic profiles, **c.** gene expression and **d.** protein fusion. All predictions are generated as specified in Figure 3 of the main manuscript.