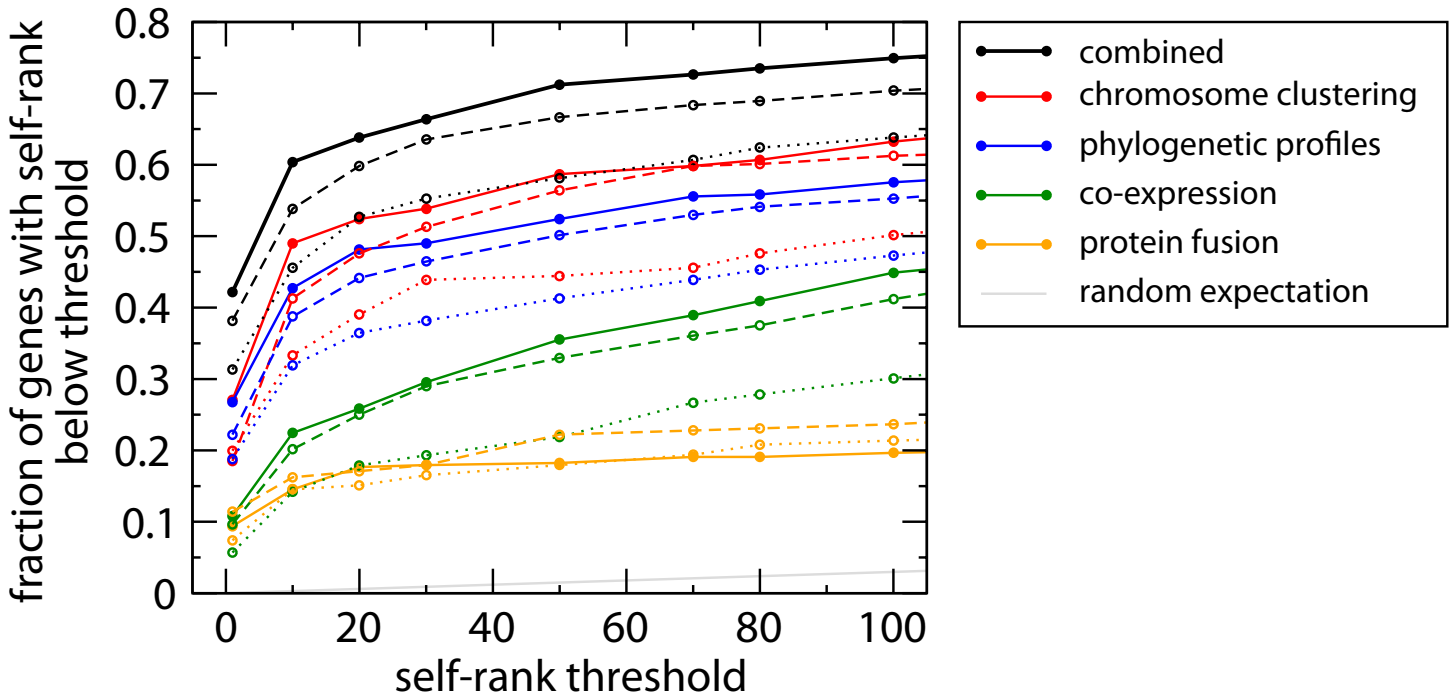


Figure 9.



Effects of metabolite weighting and association-rank rescaling corrections. *E. coli* self-rank performance is shown for individual types of association evidence and for their combination. Performance based on metabolite weighting and association-rank rescaling corrections is shown in solid lines, with association-rank correction only in dashed lines, and without either correction in dotted lines. Prediction were generated using using ADT classifier (with 10 fold validation) based on association scores to 3 layers of the metabolic network neighborhood.