Precision/Recall Curve for All Species w/ Complete Inferred Networks S. cerevisiae C. elegans D. melanogaster B. subtilis 1.0 1.0 1.0 1.0 0.8 0.8 8.0 8.0 Precision 9.0 Precision 900 Precision 9.0 Precision 900 0.4 0.4 0.4 0.4 One-Hop GO Overlap(area = 0.11) One-Hop GO Overlap(area = 0.13) One-Hop GO Overlap(area = 0.14) One-Hop GO Overlap(area = 0.27) Hypergeometric(area = 0.16) Hypergeometric(area = 0.22)Hypergeometric(area = 0.06) Hypergeometric(area = 0.12) Degree(area = 0.30) Degree(area = 0.21) Degree(area = 0.23)Degree(area = 0.19) RW(area = 0.88)RW(area = 0.86)RW(area = 0.78)RW(area = 0.87)0.0 0.0 0.4 0.6 8.0 0.2 0.4 0.6 0.2 0.4 0.6 8.0 0.4 0.0 0.2 0.0 8.0 0.0 0.2 0.6 8.0 1.0 1.0 1.0 0.0 1.0 Recall Recall Recall Recall D. rerio A. thaliana E. coli 1.0 1.0 1.0 0.8 8.0 8.0 Precision 90 Precision 9.0 Precision 0.4 0.4 0.4 One-Hop GO Overlap(area = 0.05) One-Hop GO Overlap(area = 0.25) One-Hop GO Overlap(area = 0.08) 0.2 Hypergeometric(area = 0.26)Hypergeometric(area = 0.07) Hypergeometric(area = 0.07) Degree(area = 0.39) Degree(area = 0.10) Degree(area = 0.27) RW(area = 0.91)RW(area = 0.77)RW(area = 0.85)0.0 0.4 0.6 8.0 0.4 0.6 8.0 0.0 0.2 0.4 8.0 0.0 0.2 1.0 0.0 0.2 1.0 0.6 Recall Recall Recall