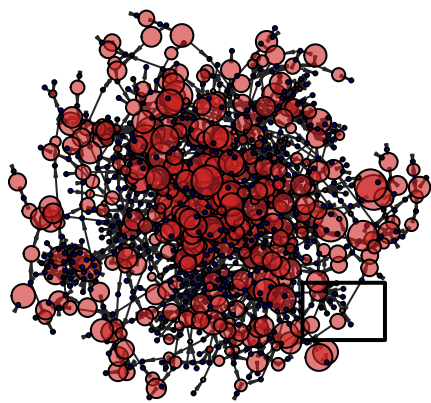
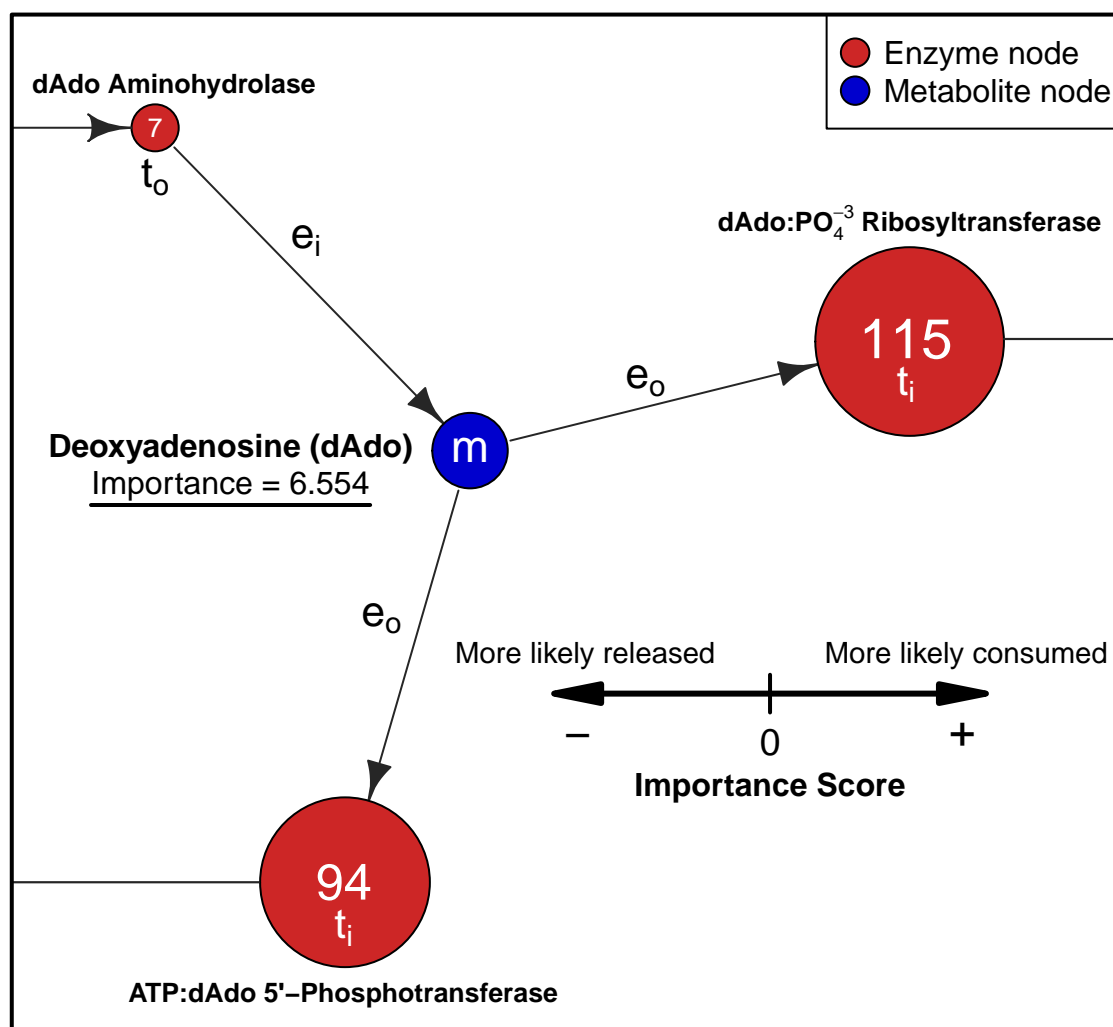


a



***C. difficile* str. 630 network**

- 447 Enzymes
- 758 Metabolites
- 2135 Edges



b

N-Acetyl-D-glucosamine

Isobutyryl-CoA

L-Proline

Butanal

Aminofructose 6-p

D-Fructose 1-p

CO2

dADP

Primary alcohol

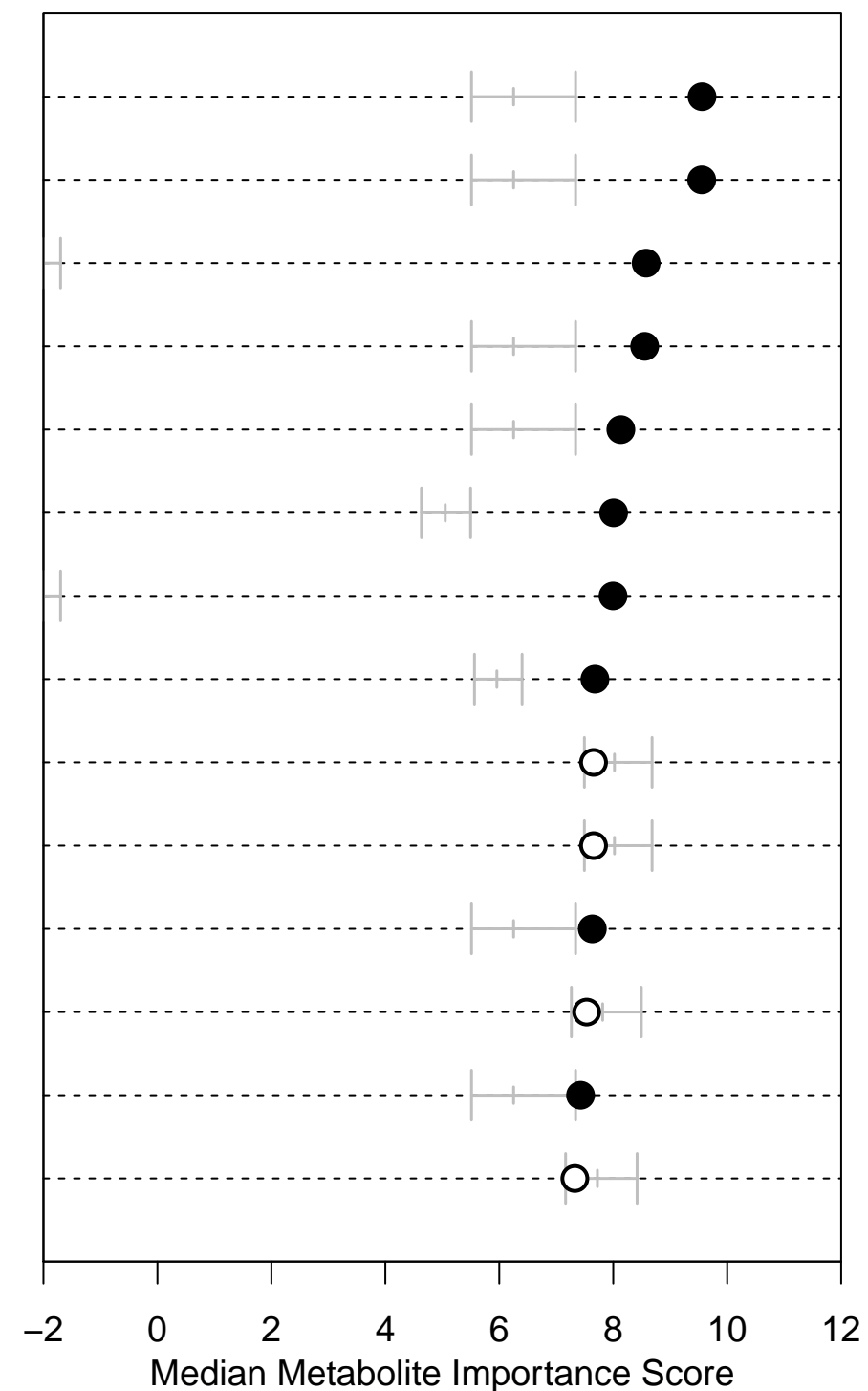
Ethanol

Propanoate

UTP

Fe2+

CTP



c

**Streptomycin (SPF)**

D-Fructose 6-p

D-Sorbitol

Tetrahydromethanopterin

**Cefoperazone (SPF)**

Mannitol

**Clindamycin (SPF)**

4-Hydroxybutanoic acid

Salicin 6-p

**No Antibiotics (GF)**

Acetate

N-Acetylneuraminate

ATP

D-Ribose 5-p

Phosphonoacetate

Formate

SAICAR

L-Lysine

AMP

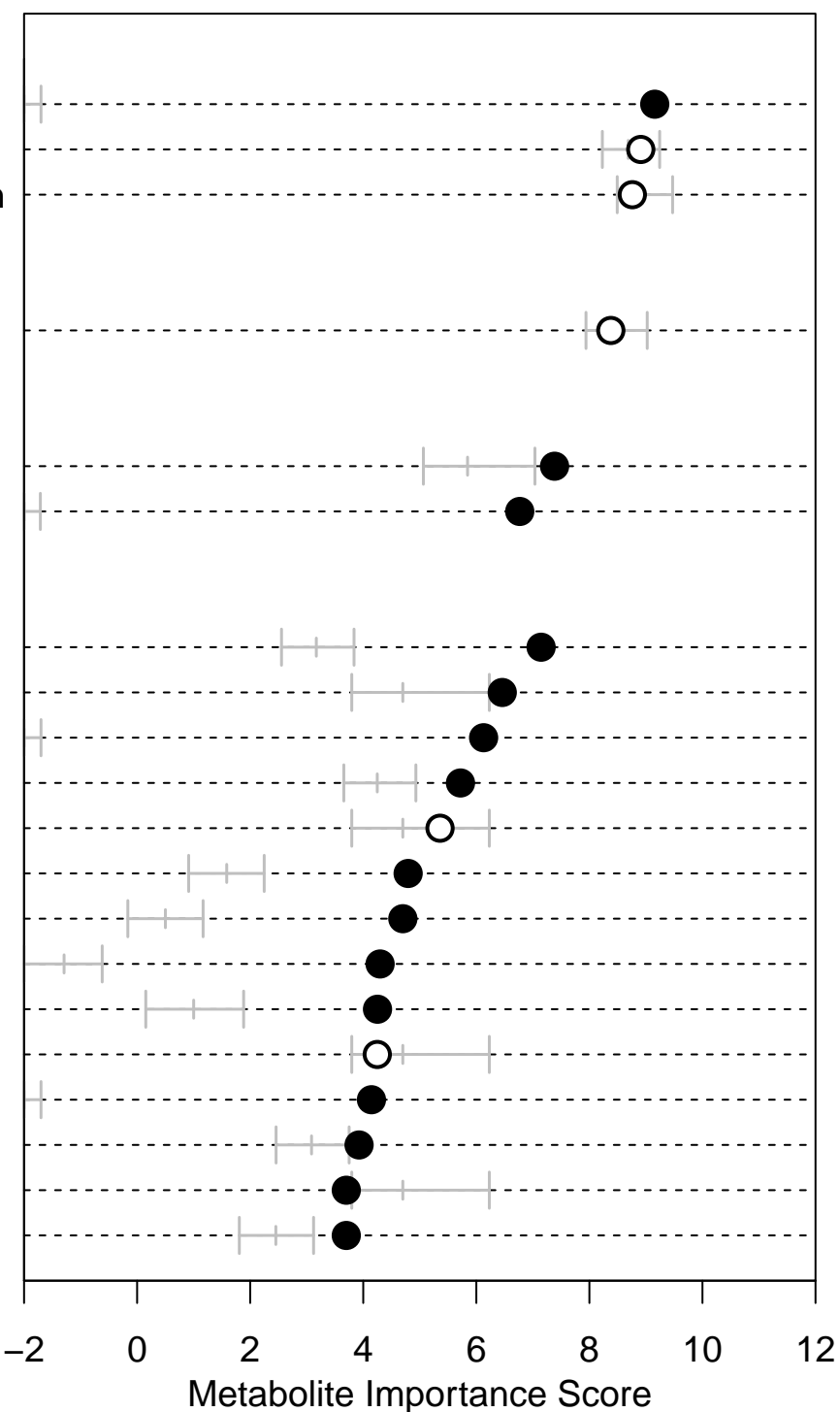
L-Isoleucine

D-Glyceraldehyde 3-p

dGDP

L-Leucine

6-Thioxanthine 5'-p



d

