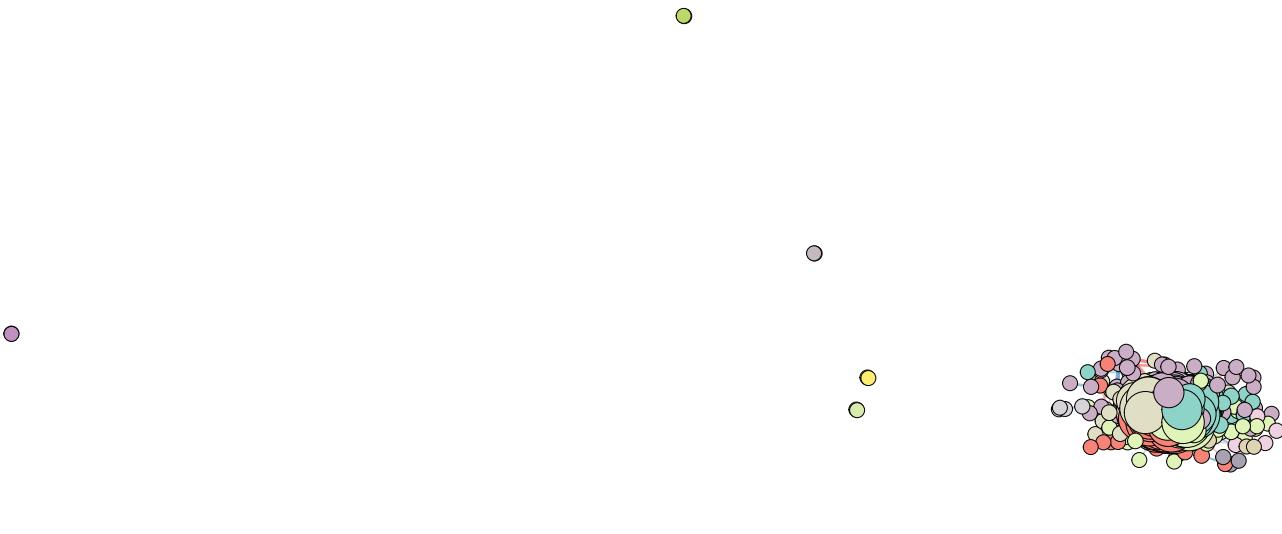


A. Exudate co-variance network

Spearman $|.| \geq 0.7$; BH-FDR < 0.05 ; node color = Louvain module; edge color = sign



$|.|$ 0.7 0.8 0.9

Edge sign negative positive

Module (Louvain)

1 5 9 13

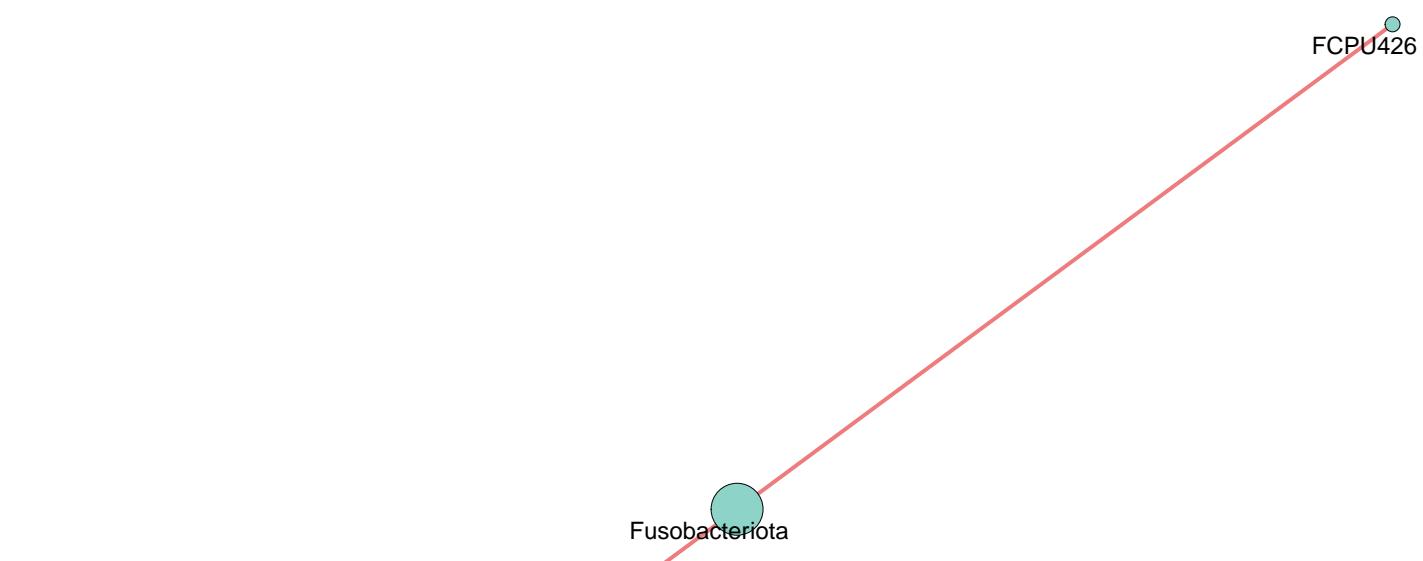
2 6 10 14

3 7 11 15

4 8 12 16

B. Microbiome co-occurrence network

Spearman $|.| \geq 0.7$; BH-FDR < 0.05 ; aggregated to phylum (Top 30)



WOR-1

Module (Louvain) 1

$|.|$ 0.9332565

Edge sign negative