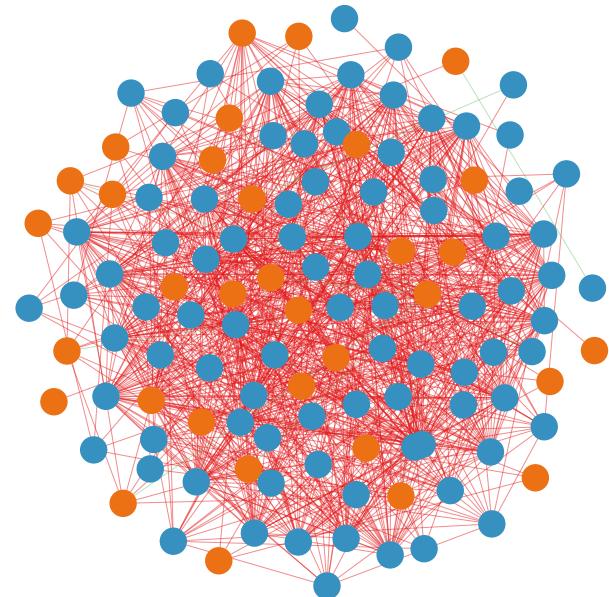
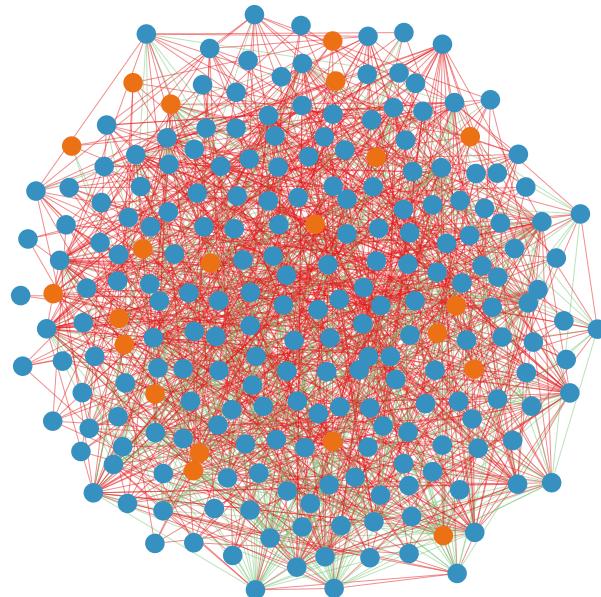


**(a) Co-occurrence (ET)**



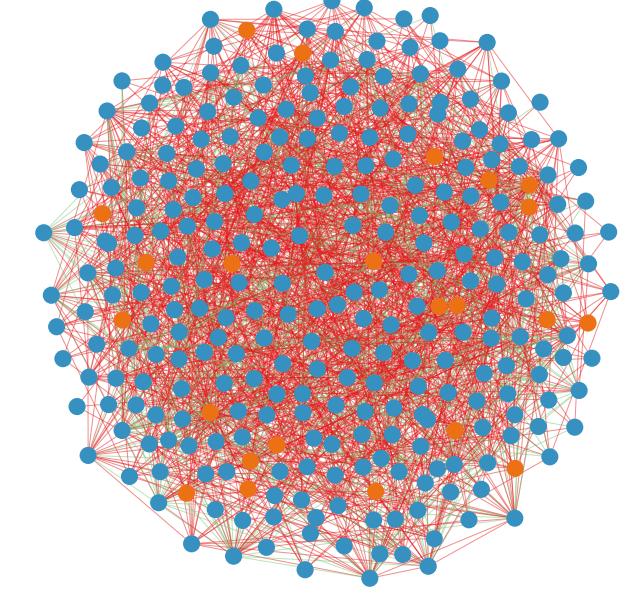
— Positive edges: 925 (98.82%)  
— Negative edges: 11 (1.18%)

**(b) Co-occurrence (HT)**



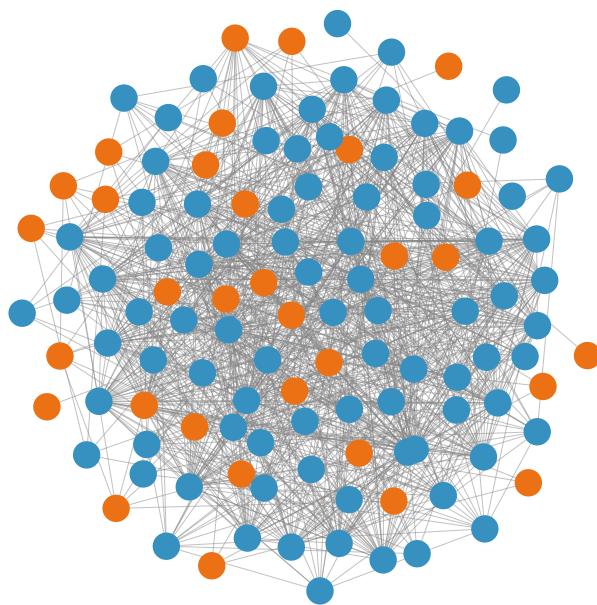
— Positive edges: 902 (75.54%)  
— Negative edges: 292 (24.46%)

**(c) Co-occurrence (MT)**

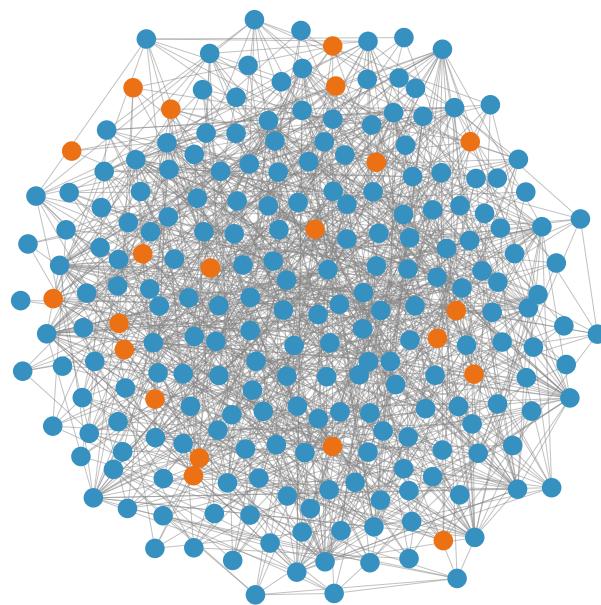


— Positive edges: 1173 (77.99%)  
— Negative edges: 144 (22.01%)

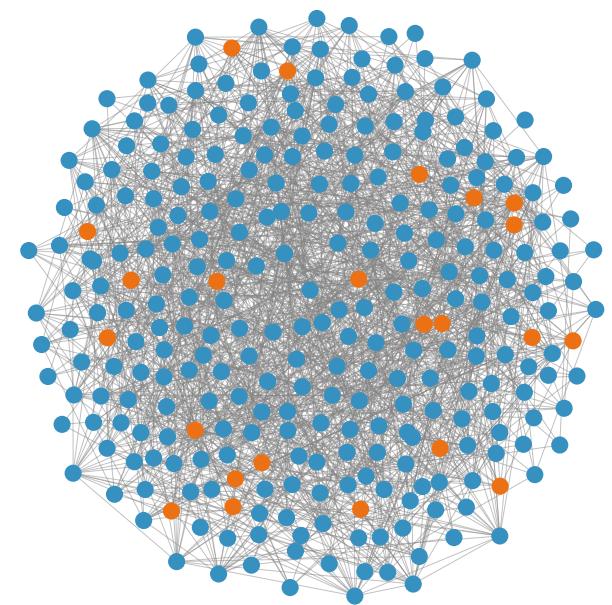
**(d) Co-occurrence (ET)  
(Only positive-linked)**



**(e) Co-occurrence (HT)  
(Only positive-linked)**



**(f) Co-occurrence (MT)  
(Only positive-linked)**



● Archaeal nodes      ● Bacterial nodes