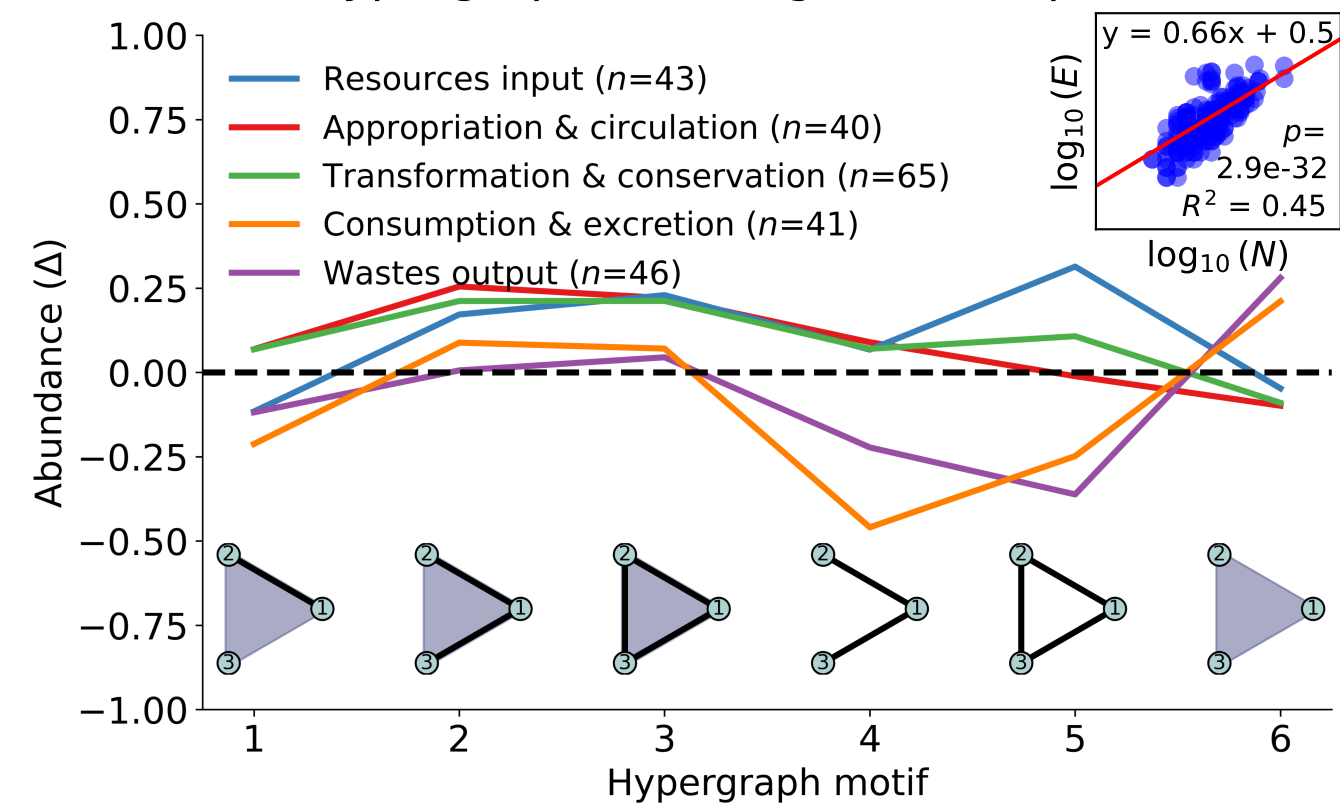
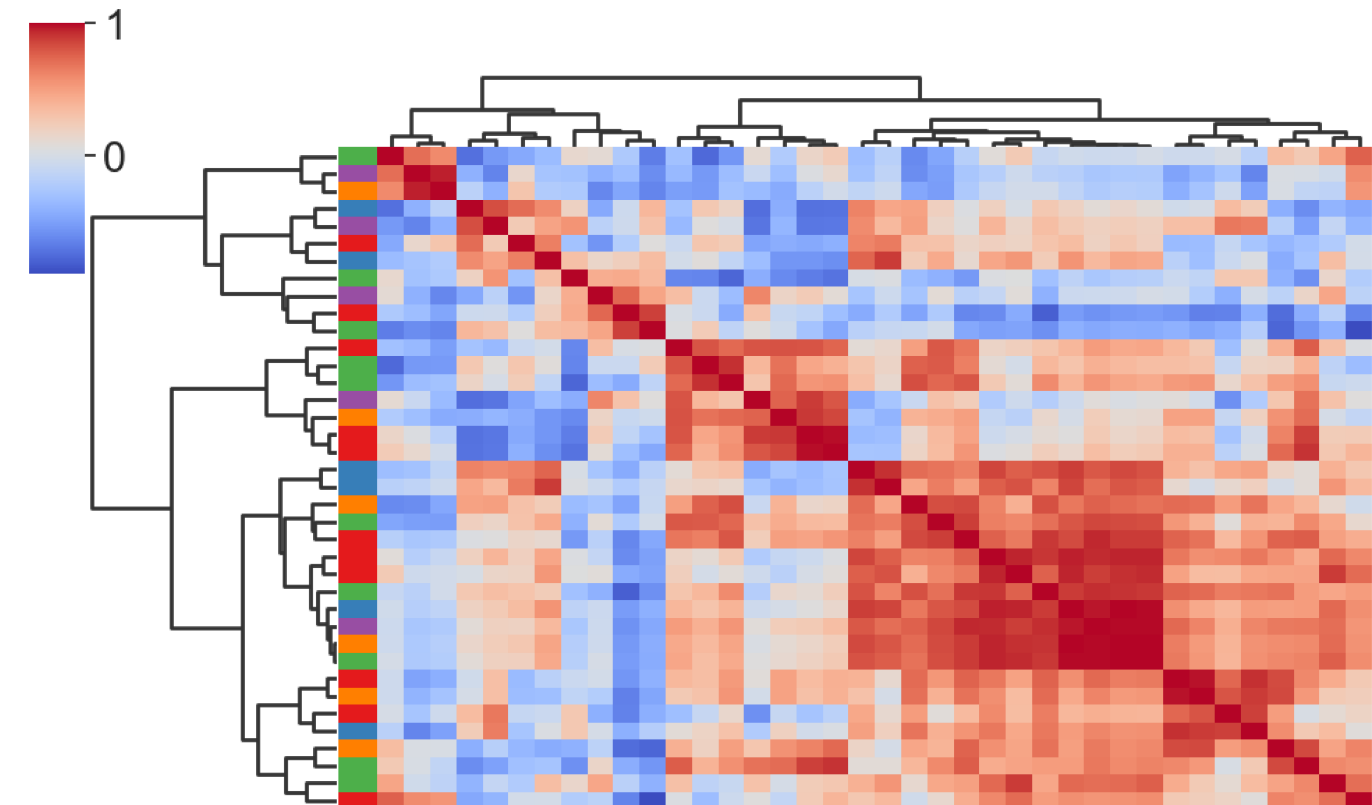
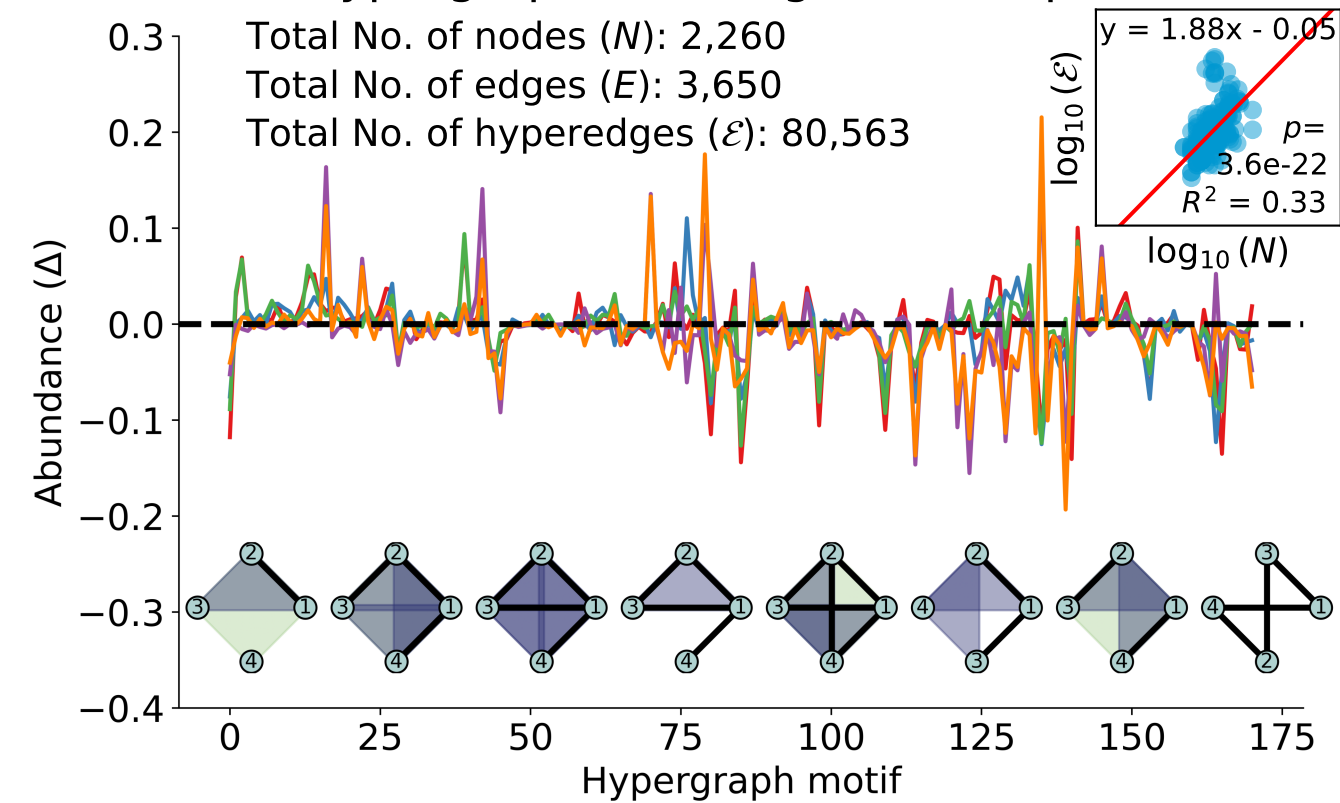
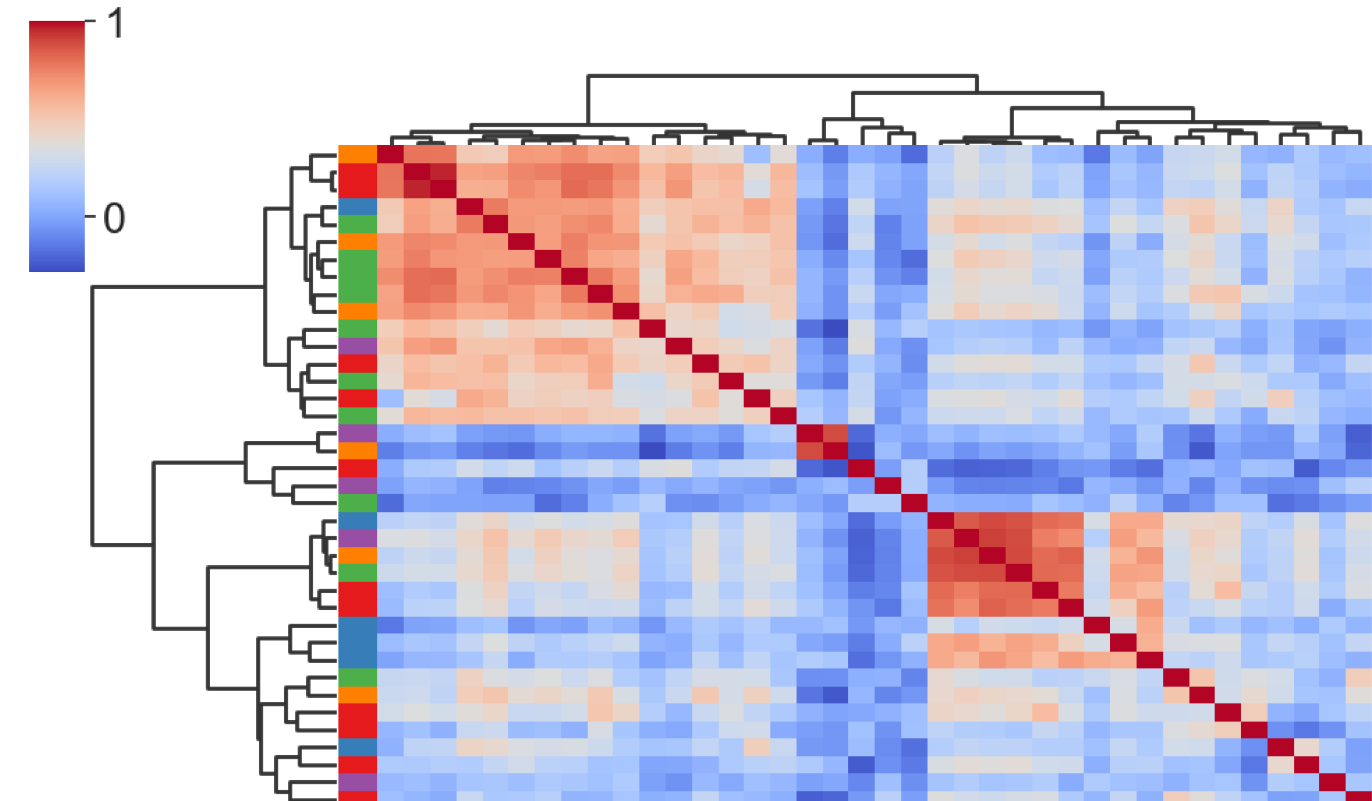


**A** 3rd order hypergraph motif significance profiles**B** 3rd order hypergraph motif correlation matrix**C** 4th order hypergraph motif significance profiles**D** 4th order hypergraph motif correlation matrix**E** Average hyperedge degree distribution